



DVCAM Family



For

Professional

Results



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Introduction

Video production styles continue to diversify in response to the rapid and tremendous growth in visual communication. In this fast-changing environment, the need is for equipment that meets the crucial demands for both higher productivity and greater creativity in professional video production.

Since its launch in 1996, Sony DVCAM™ has satisfied these demands and brought many notable benefits. Excellent picture and sound quality that only a digital format can provide, high-performance editing capabilities, and system versatility that makes it possible to migrate smoothly from analog to digital – these are just some of the factors behind the success of DVCAM. A full model line-up for digital acquisition, editing and program playout has led to the rapid acceptance of DVCAM by business users, production facilities and broadcasters around the world.

Many new models have been added to the DSR Series of DVCAM equipment, broadening the range of applications in ENG, field acquisition/editing, simple editing and so on.

Select from the Sony DVCAM lineup and you will be choosing innovative equipment to bring both new solutions to your production demands and added performance benefits to your system.



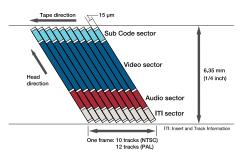
Main Features

The DVCAM Format

Digital Component Recording for Excellent Picture Quality

The DVCAM format is the professional extension of the worldwide standard DV format. The DVCAM format uses 8-bit digital component recording with a 5:1 compression ratio and a sampling rate of 4:1:1 (for NTSC) / 4:2:0 (for PAL). The unique compression algorithm provides excellent picture quality and superb multi-generation performance. The DVCAM format has a wider track pitch of 15 μm (compared with 10 μm for the DV format) which gives higher reliability for professional editing. It also offers superior digital audio performance, providing a wide dynamic range and excellent signal-to-noise ratio,

comparable to CD quality. Alternative audio channel modes can be selected: a two-channel mode with 48 kHz/16-bit recording or a four-channel mode with 32 kHz/12-bit recording.



Excellent Performance from Professional DVCAM Tapes

To gain maximum performance from high-density digital recording, advanced Metal Evaporated tape technology has been developed for the DVCAM format. The use of Sony's pure

cobalt advanced evaporated coating gives both high output and a high C/N (Carrier-to-Noise) ratio, resulting in superb quality pictures and a low error rate.

A DLC (Diamond Like Carbon) protective layer provides the enhanced protection of the tape surface that is essential to avoiding tape damage during long editing sessions. Finally, DVCAM tapes provide a low frequency of dropout and superior thermal stability.

A variety of cassettes, including tapes with IC Cassette Memory and Master Tapes, is available to suit different applications. The built-in 16-kbit Cassette Memory stores ClipLinkTM Log Data, Index Pictures, Photo mode and other shooting data, enhancing editing efficiency. Tapes without IC Cassette Memory fit a wide range of applications, with affordable price.

The Master Tapes, which use Sony Hyper Evaticle II Magnetic Particle technology to provide higher output and lower noise, are suitable for highspeed data transfer applications as well as for making master recordings.



Recording Capability of Up to Three Hours

DVCAM cassette tapes are available in two sizes: standard and mini. The standard-size cassette provides a recording time of

up to 184 minutes, while the mini-size cassette provides up to 40 minutes. These long recording times are achieved in very compact cassettes with a 1/4-inch (6.35 mm) tape width.





Mini-size cassette

Standard-size cassette

Main Features

Unique Technology and Advantages

True Digital Camcorders

DSR-370 | DXC-D35+DSR-1 | DSR-250 | DSR-PD150 | DSR-PD100

Sony DVCAM camcorders are "True Digital Camcorders". They incorporate DSP (Digital Signal Processing) for full digital processing in the camera section and digital recording in the VTR section. The camera video signal remains in its digital component format through the recording process, resulting in outstanding image quality, free of artifacts and with none of the resolution loss typical of A/D and D/A conversion.





Playback Capability of DV (25 Mb/s) Format Recorded Tapes

DSR-2000 DSR-1800 DSR-1600 DSR-1500A DSR-70A

For maximum versatility in playback, the DVCAM VTRs are designed to playback DVCAM and DV (SP mode) tapes without a mechanical adaptor or menu adjustment. The DVCAM Master Series VTRs (DSR-2000/1800/1600/1500A/70A) support DVCPRO tape playback*, and the DSR-2000 even supports DV (LP mode) playback. Furthermore, it is possible to use these tapes directly as editing source material, improving productivity.

* Not compatible with SDTI (QSDI) and i.LINK (DV) interfaces.

Recording Capability of the consumer DV (25 Mb/s) Format

DSR-1500A DSR-50* DSR-45* DSR-25*

In the event a longer recording time is required, the above DVCAM camcorder and VTRs are also designed to record in the DV Format. Thanks to this feature, recording of up to 276 minutes is possible with a standard-size cassette and 60 minutes with a mini-size cassette.

* The transition from cut to cut may not be smooth when recorded in DV (SP) format. In between scenes where the recording format is changed from DV to DVCAM, or vice versa, transition may not be smooth. Not available for editing.

Audio Cross-fade Capability

DSR-2000 DSR-1800 DSR-85

Preread heads also provide an audio cross-fade capability with clean audio transitions at editing points. During audio insert editing, the previously recorded audio signal is read out by preread heads, cross-faded with the VTR audio input signal and recorded back onto the same track. This provides excellent audio cross-fade editing performance without audio clicks at edit points and provides high quality audio to complement the video performance.

Note: Unless otherwise noted, all references to specific models refer to both the NTSC and PAL versions. (i.e., DSR-570WS refers to the DSR-570WS and the DSR-570WSP)

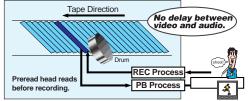
Excellent Editing Performance

Preread Editing Capability*

The DSR-2000 VTR offers preread editing, a function never before available on a 1/4-inch (6.35 mm) VTR. Preread heads are positioned ahead of the record heads on the drum to scan previously recorded video and audio signals. These signals can then be sent to a character generator, a video switcher and/or an audio mixer, combined with signals from another source, and then recorded back onto the same tracks. Preread editing provides many advantages since it enables single-VTR titling, audio mix/swap and voice over with no delay between video and audio. In addition, A/B roll editing with two VTRs is available (MIX and WIPE only).

* Not available for SDTI (QSDI) and i.LINK (DV) interfaces as these handle compressed signals.

<Over-dubbing of audio with preread editing capability>



Enhanced Digital Jog Audio

DSR-2000 DSR-1800 DSR-1600 DSR-1500A DSR-70A

A digital jog audio function is included in the Master Series VTRs with a range of -1 to +1 (DSR-2000) or -0.5 to +0.5 (DSR-1800/1600/1500A/70A) times normal speed. With its quick and smooth response, locating editing points is very easy. This is a particularly important feature for ENG applications that usually require audio-based editing. Moreover, this function is even available when using DV and DVCPRO tapes.

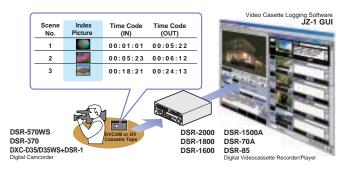
ClipLink Operation

DSR-570WS DSR-370 DXC-D35+DSR-1 DSR-1800 DSR-1600 DSR-1500A DSR-70A

The ClipLink feature is a unique Sony system that conveys shooting data into the digital production process. During acquisition with a camcorder equipped with this feature, the in-point/out-point time code data of each shot and its OK/NG status are recorded in the DVCAM Cassette Memory. At the same time, a still frame of each in-point, called an 'Index Picture'*, is recorded on the DVCAM tape to provide visual information associated with the time code.

ClipLink data can be imported automatically to JZ-1 videocassette logging software, modified and then be exported to editing devices. This greatly enhances subsequent editing operations.

* The DSR-570WS/370 require an optional board to record Index Pictures.



Versatile Digital Interfaces

SDI (Serial Digital Interface)*

DSR-2000 DSR-1800** DSR-1600** DSR-1500A** DSR-70A** DSR-85**

With SDI, high-quality picture and sound can be transferred between DVCAM VTRs and SDI-equipped devices.

- * The SDI used in DVCAM VTRs supports digital component video signals.
- ** The DSR-1800/1600/1500A/70A/85 require an optional board for SDI.

SDTI (QSDI™)*

DSR-2000 DSR-1800** DSR-1600** DSR-1500A** DSR-70A** DSR-85

SDTI (QSDI) is a digital interface that handles compressed video as well as the sub-code data and digital audio signals of the DV/DVCAM formats. It allows virtually degradation-free transfer of both video and audio signals between SDTI (QSDI) equipped VTRs.

SDTI (QSDI) also makes it possible to transfer data at four times normal speed (DSR-85 only).

- SDTI (Serial Data Transport Interface) is defined as SMPTE 305M.
- SDTI (QSDI) is the DV compressed signal interface defined as SMPTE 322M.
- ** The DSR-1800/1600/1500A/70A require an optional board for SDTI (QSDI).

• i.LINK™ (DV)*

DSR-570WS**	DSR-370**	DSR-250	DSR-PD150	DSR-PD100A	DSR-2000**	DSR-1800**
DSR-1600**	DSR-1500A	DSR-70A**	DSR-45	DSR-30	DSR-25	DSR-11
DSR-50	DSR-V10	DSR-DU1				

i.LINK enables a single cable to simultaneously carry digital video and audio signals, as well as data and control signals, with virtually no quality deterioration. This simple connection offers an ideal solution for connecting DVCAM equipment with consumer AV equipment and computer-related products.

- * i.LINK stands for IEEE1394-1995 standards and their revisions. is the logo for products that implement i.LINK.
- ** Output only from the DSR-570WS/370. The DSR-2000/1800/1600/70A require an optional board for i.LINK.

Note: Sony VAIO computers are checked with Sony DV products, but not with DVCAM, concerning the i.LINK interconnection. Some VAIO application software may not work with DVCAM.

* i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other. Please refer to the documentation that comes with any device having an i.LINK connector for information on compatibility, operating conditions and proper connection. For information on any Sony device having an i.LINK connection contact Sony at 1-800-686-7669.

SDTI-CP (MPEG) Out*

DSR-2000

SDTI-CP provides a direct connection to MPEG IMX™ products. * SDTI-CP is defined as SMPTE 326M.

AES/EBU

DSR-2000 DSR-1800* DSR-1600* DSR-1500A* DSR-85

The DSR-2000/1800/1600/1500A/ and DSR-85 VTRs are fitted with digital audio interfaces conforming to the AES/EBU standard. With a sampling frequency of 48 kHz and 20-bit quantization, these interfaces ensure high-quality audio.

* The DSR-1800/1600/1500A require an optional board for AES/EBU.

Sophisticated Mechanisms

Quick, Responsive Mechanism

DSR-2000 DSR-1800 DSR-1600 DSR-1500A DSR-70A

Quick mechanical response is an essential requirement for professional video production. The Master Series VTRs provide this rapid response with a combination of highly reliable direct reel drive and drum motor mechanisms. The result is a tape drive with rapid response to Jog and Shuttle commands when searching for edit points, and a rapid start in Play mode.

Three-size Cassette Compartment

DSR-2000 DSR-1800 DSR-1600 DSR-1500A DSR-70A

The Master Series VTRs incorporate a newly designed three-size cassette compartment to ensure compatibility with DV (25 Mb/s) format recorded tapes of all sizes and types. Thanks to this feature, it is possible to use standard and mini DV and DVCAM cassettes, as well as medium DVCPRO cassettes, without a mechanical adaptor.

Dual-size Cassette Compartment

DSR-570WS	DSR-370	DSR-1	DSR-250	DSR-85	DSR-45	DSR-30
DSR-25	DSR-11	DSR-50				

The above camcorders and VTRs have a dual-size cassette compartment which accepts both standard and mini cassettes without a mechanical adaptor.

• Dual Interface Mechanism

The DSR-1 Dockable Recorder has both Pro 76-pin Digital and Pro 50-pin connectors with a unique seesaw construction. These allow direct connection of the DSR-1 to several alternative Sony digital (DXC-D30*/D30WS*/D35/D35WS)



and analog cameras (DXC-327B/637*/537A*/327A*).

* These cameras are no longer sold, but current owners can still connect with the DSR-1.

High-speed Data Transfer Capability

The advanced drum mechanism and SDTI (QSDI) interface enable degradation-free data transfer and dubbing at four times normal speed.

Further operational efficiency via the DSR-DU1

The DSR-DU1 is a compact videodisk unit that mounts on or is interfaced with the above camcorders. It provides up to three hours of DVCAM/DV stream recording as a file. Via an i.LINK (DV) connection, the camera output of the camcorder is recorded to the hard drive of the DSR-DU1 in parallel to the recording made on the camcorder's tape. The DSR-DU1 is an extremely versatile device. When detached from the camcorder, it is very effective for field off-line logging or EDL creation, as a player for making dubs, or as a source feeder machine for i.LINK interface equipped nonlinear editors. Moreover, when connected to an SBP2 compatible i.LINK interface equipped nonlinear editor*1, the DSR-DU1 allows its DV files to be directly transferred to the media drives of the nonlinear editor. A maximum transfer speed of two times normal playback speed*2 is possible. The Rec. start and stop time codes of each scene are also transferred to the editor, eliminating the logging process common to nonlinear editing.

- *1 Please contact your nearest Sony office or Authorized dealer for nonlinear products that support DV file transfer between the DSR-DU1.
- *2 The time required to transfer DV files from the DSR-DU1 may vary depending on the nonlinear editor used.

Lineup Features

Digital Camcorders

One-piece Camcorder Common Features

DSR-570WS DSR-370

- Highly mobile one-piece design
- Studio operation capability with a CCU-M5A
- Intercom (DR-100) capability with a CA-370
- DSP (Digital Signal Processing)
- TruEye™ process for faithful color reproduction
- DynaLatitude™ process minimizes video level distortion
- Skin Detail with auto detection of active area
- Black Stretch and Compress control functions
- Superb picture quality of the DVCAM format
- Playback capability of DV recorded tapes (SP mode only)
- Long recording time: up to 184 minutes with a standardsize cassette and 40 minutes with a mini-size cassette
- Total Level Control System (TLCS) for automatically extended range of Iris control
- Auto Tracing White Balance (ATW) function
- EZ Mode and EZ Focus for quick camera setup
- DynaFit™ shoulder pad for comfortable molding to any shoulder
- Variable color temperature settings: 3200 K (19 steps in the range from 2200 K to 4300 K) or 5600 K (13 steps in the range from 4600 K to 12000 K)
- Video light connector for optional light equipment
- Menu control by Jog Dial operation

- Camera Setup File System
- Flexible Safety zone marker
- SetupLog[™] function for automatic recording of camera setting data
- Pool Feed operation*1
- i.LINK (DV output only) interface providing a single cable connection to simultaneously transfer data and control signals as well as digital video and audio signals, with virtually no generation loss
- 26-pin VTR interface
- Full color picture playback without an external adaptor
- Edit Search function
- Time code superimposed during playback and record
- Freeze Mix function
- ClipLink operation*2
- Compact and lightweight BP-L40A/L60A/L90A Lithium-ion Batteries or BP-M50/M100 Nickel Metal Hydride Batteries
- CA-WR855 Camera Adaptor for the WRR-855A/855B Wireless Receiver
- Compact crew package with the LC-400 Soft Carrying Case or LC-424 Hard Carrying Case
- *1 The optional DSBK-501 Analog Composite Input Board is required.
- *2 The optional DSBK-301A Index Picture Board is required.

DSR-570WS/DSR-570WSP One-piece Camcorder



- Compact and lightweight: 6.4 kg (14 lb 20 oz) including viewfinder, microphone, lens, battery and tape
- Low power consumption: 24 W (without viewfinder)
- Three 2/3-inch type Power HAD WS[™] CCDs providing high quality images with low smear level, high sensitivity, high S/N ratio (NTSC: 63 dB, PAL: 61 dB) and high horizontal resolution (800/850 TV lines in 16:9/4:3 mode)
- Hyper Gain (36 dB or 42 dB selectable)
- Aspect ratio switchable between 4:3 and 16:9
- SetupNavi™ function for camera setup file storage

DSR-370/DSR-370P

One-piece Camcorder

- Compact and lightweight: 6.2 kg (13 lb 10 oz) including viewfinder, microphone, lens, battery and tape
- Low power consumption: 21 W (without viewfinder)
- Three 1/2-inch type Power HAD™ CCDs for low smear level, high sensitivity, high S/N ratio (NTSC: 62 dB, PAL: 60 dB) and high horizontal resolution (800 TV lines)
- Hyper Gain (36 dB)
- 4:3 aspect ratio



DXC-D35/D35WS/DXC-D35P/D35WSP+DSR-1/DSR-1P

Two-piece Camcorder



- Combination of the DXC-D35/D35WS Digital Video Camera and the DSR-1 Dockable Recorder, equivalent to a one-piece camcorder
- Compact and lightweight: 6.3 kg (13 lb 14 oz)*1/6.4 kg (14 lb 2 oz)*2 including viewfinder, battery, joint plate and carrying handle
- Three 2/3-inch type Power HAD CCDs*1/Three 2/3-inch type Power HAD WS CCDs*2 for low smear level, high sensitivity and high S/N ratio (NTSC: 63 dB, PAL: 61dB), and high horizontal resolution

(880 TV lines*3/850 TV lines (4:3 mode)*4, 800 TV lines (16:9 mode)*4

- Hyper Gain (36 dB or 42 dB selectable)
- DSP (Digital Signal Processing)
- TruEye process for faithful color reproduction
- DynaLatitude process minimizes video level distortion

- Skin Detail with auto detection of active area
- Black Stretch and Compress control functions
- Variable color temperature settings: 3200 K (19 steps in the range from 2200 K to 4300 K) or 5600 K (13 steps in the range from 4600 K to 12000 K)
- Black halo-free
- Superb picture quality of the DVCAM format
- Playback capability of DV recorded tapes (SP mode only)
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette
- Total Level Control System (TLCS) for automatically extended range of Iris control
- Auto Tracing White Balance (ATW) function
- EZ Mode and EZ Focus for quick camera setup
- Camera Setup File System
- SetupNavi function for Camera Setup File Storage
- SetupLog function for automatic recording of camera setting data
- Edit Search function
- Time code superimposed during playback and record
- Freeze Mix function
- ClipLink operation
- 16:9 and 4:3 switchable*2
- *1 Combination of the DXC-D35/D35P+DSR-1/1P
- *2 Combination of the DXC-D35WS/D35WSP+DSR-1/1P
- *3 DXC-D35/D35P
- *4 DXC-D35WS/D35WSP

DSR-1/DSR-1P

Dockable Recorder

- Compact and lightweight: 3.1 kg (6 lb 13 oz) including battery
- Ideal operation as a digital camcorder by docking with the DXC-D35/D35WS/D35P/D35WSP Digital Video Camera
- Dual-size cassette mechanism: both standard- and mini-size cassettes accepted
- Dual interface mechanism: Pro 76-pin Digital and Pro 50-pin interfaces for direct connection with both Sony digital and analog cameras
- Superb picture quality of the DVCAM format
- Playback capability of DV recorded tapes (SP mode only)
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette
- ClipLink operation
- Full color picture playback capability without a playback adaptor
- Record review function
- Frame accurate back-space editing

- Built-in SMPTE/EBU time code generator/reader
- Time base stabilizer
- Full VTR function control (FastForward/Rewind/Play/Stop/Eject)
- Comprehensive 8-digit LCD



Digital Camcorders

DSR-250/DSR-250P

One-piece Camcorder



- Compact and lightweight: 4.4 kg (9 lb 11 oz)
- Newly developed 1/3-inch type three CCDs for accurate color reproduction
- Capable of both interlace scan, for moving images, and progressive scan, for still images or shooting a moving subject*1 and exporting a frame of the image as a still picture
- DSP (Digital Signal Processing)
- 2.5-inch type (200,000 dot) color LCD monitor
- 12x lens*2 with Super SteadyShot™ system
- New, high-resolution 1.5-inch black & white viewfinder
- 16:9 recording mode available (electronically processed)

- Superb picture quality of the DVCAM format
- Recording and playback capability with standard and minisize DVCAM and DV tapes (SP mode only)*3
- Three XLR audio input connectors for professional microphones (one at front, two at rear)
- Audio dubbing capability (48 kHz/16-bit or 32 kHz/12-bit selectable)
- Long recording time: 184 minutes with a standard-size cassette in DVCAM mode, or 270 minutes in DV SP mode
- Time/date data superimposition on output pictures
- Digital still camera functions with Memory Stick™
- Light output (DC 12 V, max. 30 W) and additional DC 12 V out for optional accessories
- Time code preset capability
- i.LINK (DV) interface providing a single cable connection to simultaneously transfer audio, video and command signals
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- Supplied RMT-811 Remote Commander
- *1 When recording moving images in progressive scan mode, the motion will display some jitter since the picture is read/output every 1/15 second (NTSC) or 1/12.5 second (PAL).
- *2 Digital zoom of 24x or 48x available via menu selection.



*3 When recording in DV (SP) format, transitions between cut to cut may not be smooth. In addition, when the recording format is switched between DVCAM and DV, the transition may not be recorded smoothly.

DSR-PD150/DSR-PD150P

Compact Camcorder

- Compact and lightweight: 1.5 kg (3 lb 5 oz) including battery and tape
- Newly developed 1/3-inch type three CCDs for accurate color reproduction
- Capable of both interlace scan, for moving images, and progressive scan, for still images or shooting a moving subject*1 and exporting a frame of the image as a still picture
- DSP (Digital Signal Processing)
- 2.5-inch type (200,000 dot) color LCD monitor
- 12x lens*2 with Super SteadyShot system
- Manual control and a full range of auto modes
- 16:9 recording mode available (electronically processed)
- Superb picture quality of the DVCAM format
- Recording and Playback capability with mini-size DVCAM and DV tapes (SP mode only)*3
- 40 minutes recording time with a mini-size cassette
- Time/date data superimposition on output pictures
- Digital still camera functions with **Memory Stick**
- InfoLITHIUMTM battery system displays the remaining capacity of the battery (accurate to the minute)
- Audio dubbing capability (48 kHz/16-bit or 32 kHz/12-bit selectable)
- i.LINK (DV) interface providing a single cable connection to simultaneously transfer audio, video and command signals

- LANC interface for simple editing with a LANC-equipped recorder or editing system
- Two XLR audio input connectors for professional microphones
- Supplied RMT-811 Wireless Remote Commander
- *1 When recording moving images in progressive scan mode, the motion will display some jitter since the picture is read/output every 1/15 second (NTSC) or 1/12.5 second (PAL).
- *2 Digital zoom of 24x or 48x available via menu selection.







DSR-PD100A/DSR-PD100AP

Handycam®-style Camcorder



- Compact and lightweight: 1 kg (2 lb 3 oz) including battery and tape
- Three 1/4-inch type CCDs
- Capable of both interlace scan, for moving images, and progressive scan, for still images or shooting a moving subject*1 and exporting a frame of the image as a still picture
- DSP (Digital Signal Processing)
- Super SteadyShot function with new optical system for stable picture shooting without sacrificing picture quality
- Extreme close-up shots with 12x optical/48x digital zoom
- Manual control and a full range of auto modes
- 16:9 recording mode available (electronically processed)
- Superb picture quality of the DVCAM format

- Playback capability of DV recorded tapes (SP mode only)
- 40 minutes recording time with a mini-size cassette*2
- Two ways of still image recording: Tape Photo Mode using the cassette tape and Memory Photo Mode using a removable memory media (Memory Stick)
- Color 3.5-inch type LCD monitor
- InfoLITHIUM battery system displays the remaining capacity of the battery (accurate to the minute)
- Audio dubbing capability (32 kHz/12-bit only)
- i.LINK (DV) interface providing a single cable connection to simultaneously transfer audio, video and command signals
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- XLR adaptor for connecting external professional microphones (supplied accessory)
- Wide-angle conversion lens (supplied accessory)
- RMT-811 Wireless Remote Commander (supplied accessory)
- *1 When recording moving images in progressive scan mode, the motion will display some jitter since the picture is read/output every 1/15 second (NTSC) or 1/12.5 second (PAL).
- *2 The DSR-PD100A accepts only mini-size DVCAM and DV cassettes.



Video Disk Unit For Digital Camcorders

DSR-DU1

Video Disk Unit

- Compact hard drive unit (a 2.5-inch, 40GB hard drive) for use with DVCAM and Sony DV camcorders*1
- Camera output can be recorded to the DSR-DU1's hard drive in parallel to the recordings made on the camcorder's tape via the i.LINK(DV) connection.
- Recording in 25Mb/s DVCAM/DV stream for up to three hours
- Capable of docking directly to the rear of DVCAM camcorders*2 by use of the CA-DU1 optional Camera Adaptor
- The camera adapter's slot-in mechanism allows easy and quick replacement of the DSR-DU1
- Can interface with a variety of i.LINK(DV) interface equipped Sony hand-held type DVCAM/DV camcorders via its iLINK(DV) connector
- The DSR-DU1's DV video/audio files can be transferred to a compatible i.LINK interface equipped nonlinear editor*3
- Compact and Lightweight
- VTR-like functions and operation keys
- Loop recording (8 seconds)
- Interval recording
- 525(NTSC)/625(PAL) Switchable*4
- REC Trigger controlled from the REC On/Off button of Sony i.LINK(DV) interface equipped camcorders*5

- Supplied remote controller for Rec, Cue and Rec Tally controls
- Flexible DC operation (DC 12 V*6, DC 8.4 V)
- Shooting Data (Time codes of the rec in and out points, Cue points from the DSR-DU1 and the supplied remote controller)
- *1 Please contact your nearest Sony office or Authorized dealer for compatible DV camcorders
- *2 DSR-570WS/570WSP/370/370P/500WS/500WSP/300A/300AP/250/250P
- *3 Please contact your nearest Sony office or Authorized dealer for nonlinear products that support DV file transfer between the DSR-DU1
- *4 Signal conversion from 525(NTSC) to 625(PAL), or vice versa is not possible
- *5 To use this function with camcorders other than the DSR-570WS/570WSP/370/370P, tape should be set in the cassette compartment.
- *6 To use the AC 12V, the optional CA-DU1 is required.



This photo shows the DSR-DU1 with a supplied case.

Lineup Features

Digital VTRs

Master Series VTR Common Features



Since its introduction, the DVCAM format has become widely accepted in the world of video production – from industrial to broadcast markets. Recognizing the increasing demands for DV-based production in broadcast applications, Sony introduced the DSR-2000 in 1999, complete with compatibility with all DV family formats and professional features, such as excellent editing performance and high-quality jog audio, inherited from analog formats. Building on the advanced technologies of the DVCAM format and professional features of the flagship DSR-2000, Sony now presents the entire lineup of Master Series VTRs, our top-of-the-line DVCAM videocassette recorders and players. The Master Series VTRs (DSR-2000, DSR-1800, DSR-1600, DSR-1500A and DSR-70A) now bring the features and benefits introduced with the DSR-2000 to a wider market, from industrial to broadcast for a wider range of applications and requirements.

- Superb picture quality of the DVCAM format
- Playback capability of DV (25 Mb/s) recorded tapes including DV tapes recorded in SP mode and DVCPRO tapes*1 without an adaptor or menu setting changes
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette
- Four-channel audio editing capability*2
- Audio cross-fade function for clean audio transitions at editing points*3
- Excellent jog audio capability
- DMC (Dynamic Motion Control) provides noiseless slowmotion playback*4
- High-speed picture search over a range of 60 times*2 normal speed, in both forward and reverse
- Versatile digital interfaces*5: SDI, SDTI (QSDI), i.LINK (DV) and AES/EBU digital audio
- Extensive analog interfaces: composite, component, S-Video and XLR audio
- RS-422A remote control interface
- Frame accurate editing capability
- ClipLink operation
- Full tape dubbing with ClipLink Log Data via SDTI (QSDI) and RS-422A interfaces

- 16:9 aspect ID signal recording
- Video process control for greater control of both analog and digital outputs
- Built-in SMPTE/EBU time code and VITC generator/reader
- Built-in signal generator (color bars, black burst, 1 kHz tone, silent signal)*6
- Flexible input selection between video and audio*7
- Universal powering system (AC 100 V to 240 V)
- Three-size cassette compartment to ensure compatibility with DV(25Mb/s) recorded tapes
- Closed caption function (NTSC Model only)
- *1 SDTI (QSDI) and i.LINK (DV) interfaces do not support DVCPRO playback.
- *2 DSR-2000/DSR-1800/DSR-1600 only.
- *3 DSR-2000/DSR1800 only.
- *4 DSR-2000/DSR1800/DSR-1600/DSR-70A only.
- *5 Optional Input/Output Boards required. Please check Feature Comparison of Studio VTRs (p.16) for details.
- *6 DSR-2000/DSR1800/DSR-1500A/DSR-70A only
- *7 The i.LINK interface cannot be combined with other signal interfaces. When SDTI (QSDI) is selected as the audio input, the video signal is assumed to be SDTI (QSDI). However, when it is selected as the video input, other signal interfaces can be selected for the audio.

DSR-2000/DSR-2000P

Editing Recorder

- Playback capability of DV tapes recorded in LP mode
- Preread editing capability*1 to perform sound-on-sound capability, audio mix/swap and over-dubbing of audio with no delay between video and audio as well as A/B roll editing*2 with two VTRs
- VTR-to-VTR editing without external controllers
- Wide range of digital slow speed from −1 to +1 times normal
- Optional SDTI-CP digital interface board (MPEG Out)
- Channel condition monitoring function
- Audio level control in both recording and playback modes
- Dial menu operation
- Key Inhibit and Rec Inhibit functions to prevent accidental operation

- DSBK-200 Control Panel for remote operation from a distance of up to 10 meters (approx. 33 ft.)
- *1 Not available through SDTI (QSDI) and i.LINK interfaces.
- *2 MIX and WIPE only.



DSR-1800/DSR-1800P Editing Recorder

- Preread playback capability to perform audio mix/swap and over dubbing without any delay between video and audio signals
- Wide range of digital slow speed from -0.5 to +0.5 times normal speed
- Channel condition monitoring function
- Jog dial on front panel



DSR-1600/DSR-1600P

Editing Player



- Wide range of digital slow speed from -0.5 to +0.5 times normal speed
- Channel condition monitoring function
- Jog dial on front panel



DSR-1500A/DSR-1500AP

Editing Recorder

- Recording capability with standard and mini-size DV tapes. (SP mode only)*
- Wide range of digital slow speed from -0.5 to +0.5 times normal speed
- Compact, half-rack size
- Menu keys on front panel for picture search
- i.LINK interface is standard
- * Assemble or insert editing is not possible in the consumer DV format mode. However, back space editing is possible using the optional DSRM-10 Remote Control Unit. The transition from cut to cut may not be smooth when performed over a DV recording made on a different DV or DVCAM deck. In between



scenes where the recording format is changed from DVCAM to consumer DV format, the transition may not be smooth either. This is a normal and expected phenomenon. The audio reference level is fixed to -12 dB at DV(SP) recording.

DSR-70A/70AP

Portable Editing Recorder



controller with a Jog/Shuttle dial and audio speaker • Wide range of digital slow speeds from -0.5 to +0.5 times normal speed

• Compact, all-in-one package features a 6.4-inch type VGA

LCD monitor, a full cut-editing

- High-speed color picture search over a range of 32 times nomal speed, in both forward and reverse
- Audio mix/swap recording
- ClipLink operation: cue up to Mark In/Cue address, change of mark In/Out points, change of

OK/NG status and creation of new Mark In/Out points

- Edit List Memory Function
- Double Deck Editor by docking two DSR-70A units or a DSR-70A and a DNW-A25 Betacam SX® portable editing
- SDI and i.LINK interfaces are provided by a single DSBK-160A optional board
- Two-camera switching recording*1
- Sequential recording for up to 6 hours in the double deck configuration
- Parallel-run recording to control two docked DSR-70A units in parallel for simultaneous recording
- Two-way power supply system (AC/DC) for operation with either AC*2 or DC power
- *1 The optional DSBK-180 Dual Video Input Board is required. *2 AC adaptor is required.



Digital VTRs

DSR-45/DSR-45P

Recorder

- Superb picture quality of the DVCAM format
- Recording and playback capability of the DV format (SP mode only)*1
- Long recording time: up to 184 minutes with a standard-size cassette, 40 minutes with a mini-size cassette
- Full range of analog Video IN/OUT: Component, Composite, S-Video
- Four channel independent Audio IN/OUT with XLR connectors for Audio OUT
- i.LINK(DV) interface for simultaneous transfer of audio, video, and command signals
- RS-422A remote control interface*2
- RS-232C interface for basic control from a PC
- LANC and Control S interface
- Time code IN/OUT
- Time code/ User bit preset
- Time code IN through DV IN
- Duplication function (Including the duplication of Cassette Memory data)

- Compact size (half-rack size width, 2U height)
- Low power consumption (22W during playback)
- Built-in 2-inch type (123,200 dot) color LCD monitor
- Tape counter
- Wireless remote controller RMT-DS5 supplied
- *1 When recording in DV (SP) format, the transition between cut to cut may not be smooth. In addition, when the recording format is switched between DVCAM and DV, the transition may not be recorded smoothly.
- *2 The DSR-45/45P is not equipped with the synchronization capability, therefore it is recommended to be used only as a source feeder in A/B roll editing.



DSR-30/DSR-30P



- Superb picture quality of the DVCAM format
- Playback capability of the DV format (SP mode only)
- Long recording time: up to 184 minutes with a standard-size cassette, 40 minutes with a mini-size cassette

- i.LINK(DV) interface for simultaneous transfer of audio, video, and command signals
- LANC remote control interface
- Auto repeat / One program play function
- Duplication function with original time code
- Power-on recording and playback capabilities
- Clear frame picture
- External timer recording
- Index point search function (when using a cassette with Cassette Memory.)
- Built-in control tray with a Jog/Shuttle dial
- Headphone/microphone input
- Wireless remote controller RMT-DS30 supplied

DSR-25

Recorde

- Superb picture quality of the DVCAM format
- Recording and playback capability of the DV format (SP mode only)*1
- Long recording time: up to 184 minutes with a standard-size cassette, 40 minutes with a mini-size cassette
- Recording and playback capability of both NTSC/PAL signals*2
- i.LINK(DV) interface for simultaneous transfer of audio, video, and command signals
- LANC and Control S interface
- Time code/ User bit preset
- Time code IN through DV IN
- Duplication function. (Including the duplication of Cassette Memory data)
- Power-on recording and playback capabilities
- Compact size (half-rack size width, 2U height)

- Low power consumption (16W during playback)
- Built-in 2-inch type (123,200 dot) color LCD monitor
- Tape counter
- Wireless remote controller RMT-DS5 supplied
- *1 When recording in DV (SP) format, the transition between cut to cut may not be smooth. In addition, when the recording format is switched between DVCAM and DV, the transition may not be recorded smoothly.
- *2 The DSR-25 is not equipped to convert signals from NTSC to PAL, or vice versa.



DSR-11 Recorder



- Superb picture quality of the DVCAM format
- Recording and playback capability of the DV format (SP mode only)*1
- Long recording time: up to 184 minutes with a standard-size cassette, 40 minutes with a mini-size cassette
- Recording and playback capability of both NTSC/PAL signals*2
- i.LINK(DV) interface for simultaneous transfer of audio, video, and command signals

- LANC and Control S interface
- Time code IN through DV IN
- Auto repeat function
- Compact/lightweight design for both horizontal and vertical layout
- Wireless remote controller RMT-DS11 supplied
- *1 When recording in DV (SP) format, the transition between cut to cut may not be smooth. In addition, when the recording format is switched between DVCAM and DV, the transition may not be recorded smoothly.
- *2 The DSR-11 is not equipped to convert signals from NTSC to PAL, or vice versa.

Digital VTRs

DSR-50/DSR-50P

Portable Recorder



- Superb picture quality of the DVCAM format
- Recording and playback capability of the DV format (SP mode only)*
- Long recording time: up to 184 minutes with a standard-size cassette, 40 minutes with a mini-size cassette
- Analog component video OUT
- Four channel independent Audio IN/OUT with XLR connectors for Audio OUT

- i.LINK(DV) interface for simultaneous transfer of audio, video, and command signals
- Control S and Remote control(Foot Switch) interface.
- 26-pin camera connector
- Time code IN/OUT
- Time code IN through DV IN
- Duplication function (Including the duplication of Cassette Memory data)
- Compact/lightweight design and compatibility with BP-L series batteries for portable use
- Built-in 2.5-inch type (200,000 dot) color LCD monitor
- * When recording in DV (SP) format, the transition between cut to cut may not be smooth. In addition, when the recording format is switched between DVCAM and DV, the transition may not be recorded smoothly.

DSR-V10/DSR-V10P DVCAM Video Walkman® Recorder

- Superb picture quality of the DVCAM format
- Playback capability of the DV format (SP mode only)
- Long recording time: up to 40 minutes with a mini-size cassette*
- Compact/lightweight design and compatibility with InfoLITHIUM battery system for portable use
- Built-in 5.5-inch type color LCD monitor
- i.LINK(DV) interface for simultaneous transfer of audio, video, and command signals
- LANC remote control interface
- Auto repeat function

- Duplication function with original time code
- Assemble editing capabilities with the optional DSRM-E1 Edit Adaptor
- Image shooting capabilities with the optional CVX-V1/V3/V18NS Mini Camera
- * The DSR-V10/V10P is compatible to only mini-size DVCAM and DV cassettes.



DSR-85/DSR-85P High-speed Editing Recorder



- Superb picture quality of the DVCAM format
- Playback capability of DV recorded tapes (SP mode only)
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette
- Versatile digital interfaces: SDI*, SDTI (QSDI) and AES/EBU digital audio
- Extensive analog interfaces: composite, component, S-Video and XLR audio

- RS-422A remote control interface
- High-speed data transfer at four times normal speed via SDTI (QSDI) interface
- High-speed tape dubbing with ClipLink Log Data at four times normal speed via SDTI (QSDI) and RS-422A interfaces
- ClipLink operation
- Frame accurate editing capability
- Built-in SMPTE/EBU time code generator/reader
- Time base corrector
- High-speed picture search over a range of 32 times normal speed, in both forward and reverse
- Digital slow function over a range from 0 to 0.24 times normal speed, in both forward and reverse
- Jog audio capability
- SIRCS (Sony Integrated Remote Control System) interface for the DSRM-10 Remote Control Unit
- * The optional DSBK-120 SDI Input/Output Board is required.

Lineup Features

Program Playout

Flexicart

Multi-cassette System

- Accepts a maximum of six DSR-2000/1800/1600 units*1
- Designed to be modular and reconfigurable with optional VTRs and cassette bin units to meet differing applications
- Multiple inputs and outputs
- Fully automated, simultaneous record, playback and time delay
- Standard traffic and automation interface
- PC-driven, user-friendly Windows® environment



Applicable	VTD	Configuration (VTR/Bin Unit ratio)		Chandard aire			
Applicable VTRs	VTR Mount Kit	Cassette Bin Unit	VTRs	Bin Units (4U high)	Standard-size Cassette Capacity		
			1	7	147		
DSR-2000/2000P		BKFC-21DV BKFC-210*2	BKFC-21DV	BKFC-21DV	2	7	147
					3	6	126
DSR-1600/1600P	DSR-1800/1800P BKFC-54		4	5	105		
DSR-1600/1600P			5	4	84		
			6	3	63		

^{*1} Available for standard-size cassettes only.

^{*2} BKFC-210 DV Hand Kit: a robotics hand for handling DVCAM standard-size cassettes.

Feature Comparison Digital Camcorders

	DSR-570WS DSR-570WSP	DSR-370 DSR-370P	DXC-D35/D35WS+DSR-1 DXC-D35P/D35WSP+DSR-1P	DSR-250 DSR-250P	DSR-PD150 DSR-PD150P	DSR-PD100A DSR-PD100AP
Cassette						
Standard-size Cassette	•	•	•	•	-	-
Mini-size Cassette	•	•	•	•	•	•
Camera Section						
Image Device	Three 2/3-inch type Power HAD WS CCDs	Three 1/2-inch type Power HAD CCDs	Three 2/3-inch type Power HAD CCDs*1	Three 1/3-inch type CCDs	Three 1/3-inch type CCDs	Three 1/4-inch type CCDs
16:9 Aspect Ratio	•	-	*2	•*3	*3	*3
TruEye Process	•	•	•	-	-	-
DynaLatitude Process	•	•	•	-	-	-
Skin Detail	•	•	•	-	-	-
TLCS (Total Level Control System)	•	•	•	_	_	-
ATW (Auto Tracing White Balance)	•	•	•	•	•	•
EZ Mode	•	•	•	-	-	-
EZ Focus	•	•	•	-	=	=
Auto Focus	-	-	-	•	•	•
Camera Setup File System	•	•	•	-	-	-
SetupNavi	•	•	•	-	=	=
SetupLog	•	•	•	-	=	=
Super SteadyShot	-	-	-	•	•	•
CCU Capability	•	•	*4	_	_	_
DynaFit Shoulder Pad	•	•	•	•	_	_
VTR Section						
ClipLink	•	•	•	-	-	-
Freeze Mix	•	•	•	-	_	-
Memory Mix	_	_	_	•	•	_
Photo Mode	_	-	-	•	•	•
Interface						
i.LINK (DV)	*5	*5	-	•	•	•
LANC	_	_	_	•	•	•

^{*1} Image Device of the DXC-D35WS/D35WSP is Three 2/3-type Power HAD WS CCDs.

: Available

- : Not available

^{*2} Combination of the DXC-D35WS/D35WSP+DSR-1/1P only.

^{*3} Electronically processed.

^{*4} Combination with the DXC-D35/D35WS/D35P/D35WSP and the CA-537

^{*5} Output only. (input for video monitoring only)

Feature Comparison

Digital VTRs

	DSR-2000 DSR-2000P	DSR-1800 DSR-1800P	DSR-1600 DSR-1600P	DSR-1500A DSR-1500AP	DSR-70A DSR-70AP	DSR-85 DSR-85P	DSR-45 DSR-45P	DSR-30 DSR-30P	DSR-25	DSR-11	DSR-50 DSR-50P	DSR-V10 DSR-V10P
Cassette												
Standard-size Cassette		•	•			•		•		•		_
Mini-size Cassette	•	•	•	•	•	•	•	•	•	•	•	•
DVCPRO Medium-size Cassette						_	_	_	_	_	_	_
Digital Interface												
SDI	•	(Option)	(Option)	(Option)	(Option)	(Option)	=	-	-	_	=	=
SDTI (QSDI)	•	(Option)	(Option)	(Option)	(Option)	•	_	_	_	_	_	_
i.LINK (DV)	(Option)	(Option)	(Option)	•	(Option)	_	•	•	•	•	•	•
AES/EBU	•	(Option)	(Option)	(Option)	-	•	-	-	-	-	-	-
Analog Interface												
Composite	•	•	*1	(Option)	•	•	•	•	•	•	•	•
Component	•	•	*1	(Option)	(Option)	•	•	-	-	_	*1	_
S-Video	•	•	*1	(Option)	•	•	•	•	•	•	•	•
Remote Control Interface												
RS-422A		•				•	*3		_		_	
RS-232C	_			_			•		_		*4	_
LANC Control S		_	_	_			*5		O *5	_	*4	
Foot Switch							*5	_				
Wireless Remote Control				_							_	*6
Editing Capability												
Preread Editing/Playback	•	*7	_	_	_	_	_	_	_	_	_	_
Assemble Editing	•	•	=	•	•	•	_	•	_	_	-	(Option)
Insert Editing	(Video/Audio/TC)	(Video/Audio/TC)	_	(Video/Audio/TC)	(Video/Audio/TC)	(Video/Audio/TC)	_	(Video/Audio)	_	-	-	-
VITC						_	-	-	_	_	_	_
Time Code Input/Outpu				•				_	_	_		_
ClipLink							_	_	_	_	_	
High-speed Data Transfer	_	_		_	_		-		_	-	_	_
Search Speed	x ±60	x ±60	x ±60	x ±60	x ±32	x ±32	x ±14.48 (NTSC), x ±17.48 (PAL)	x ±15	x ±17.48 (PAL)	x ±17.48 (PAL)	x ±14.48 (NTSC), x ±17.48 (PAL)	x ±11.48 (PAL)
Digital Slow	x ±1	x ±0.5	x ±0.5	x ±0.5	x ±0.5	x ±0 to 0.24	x ±1/10, 1/3	x ±1/10, 1/5	x ±1/10, 1/3	x ±1/10, 1/3	x ±1/10, 1/3	x ±1/3
Others												
DV Playback Capability	(SP/LP)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)
DVCPRO Playback Capability		• ,,,	• //	•	•	-	-	-	-	-	-	-
DV (SP mode) Recording Capability	/ –	_	_	*8	-	_	*9	-	*9	*9	*9	_
Auto Repeat/ Power-on Playback/Recording	=	* 10	• *10	*10	_	=	•	•	•	•* ^{*11}	-	*11
Index Points Search	-	_	-	_	_	_						-
Closed Caption	*12	*12	*12	*12	*12	_	*12 *13	*12	*12	*12	*12 *14	*12

: Available

: Not available

^{* 1} Output only. 26-pin camera connector accepts component video input.
* 2 These signals share the same BNC connectors.
* 3 As a player only.
* 4 Control Jack (accepts LANC command as player)
* 5 Input only.

^{* 7} Playback only.

 ^{*6} Wireless remote controller is not supplied.
 * 7 Playback only.
 *8 Assemble or insert editing is not possible in the consumer DV format mode. However, back space editing is possible using the optional DSRM-10 Remote Control Unit. The transition from cut to cut may not be smooth when performed over a DV recording made on a different DV or DVCAM deck. In between scenes where the recording format is changed from DVCAM to consumer DV

format, the transition may not be smooth either. This is a normal and expected phenomenon. The audio reference level is fixed to -12 dB at DV(SP) recording.

*9 When recording in DV (SP) format, transitions between cut to cut may not be smooth. In addition, when the recording format is switched between DVCAM and DV, the transition may not be recorded smoothly.

*10 Auto repeat/Power-on playback only. *11Auto repeat only.

^{*12} NTSC model only.
*13 Output from Monitor out connector only.

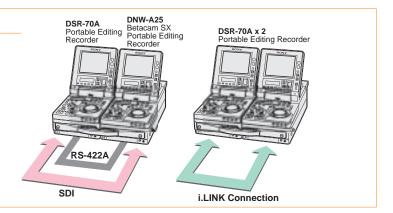
^{*14} Output from Video out connector only.

Application Examples

Field Editing

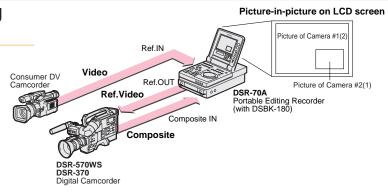
Lap-top Editing System

- Portable and compact cut-editing system package
- Simple cable connection with virtually no deterioration of picture and sound quality
- All-digital editing process
- DV/DVCAM/DVCPRO to Betacam SX format editing
- Betacam SX to DVCAM format editing



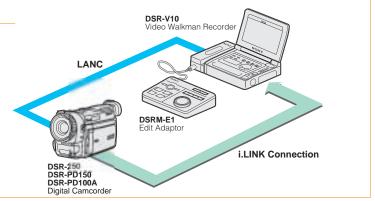
Two-camera Switching Recording System

- Flexible recording by alternately switching between two camcorders
- Ideal for field/event recording with a minimum system and smaller crew



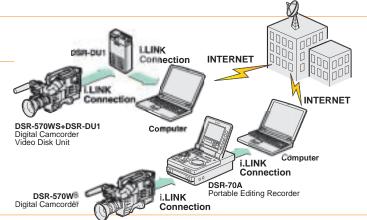
Simple Field Editing System

- Portable and compact system package
- Assemble editing with up to 99 events × 4 programs



Newsgathering and Image Transmission System

- Minimum package for shooting and editing
- Simple cable connection with virtually no deterioration of picture and sound quality
- Internet transmission of urgently required images via a PC equipped with an i.LINK interface

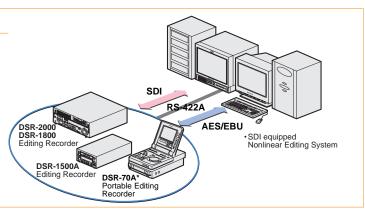


Application Examples

Studio Editing - Nonlinear

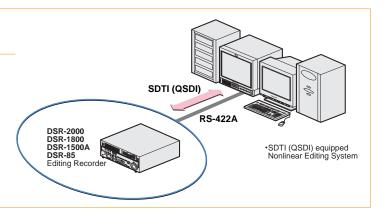
SDI-based Nonlinear Editing System

- Direct digital connection with SDI-equipped nonlinear editing system
- High picture and sound quality by use of SDI and AES/EBU interfacing
- * The DSR-70A does not support AES/EBU.



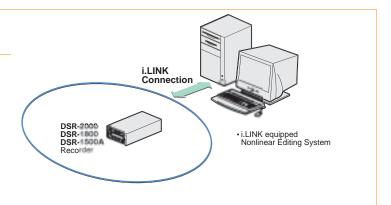
SDTI (QSDI)-based Nonlinear Editing System

- Superior multi-generation picture and sound quality by use of SDTI (QSDI) interfacing
- The DSR-85 can transfer data at four times normal speed to compatible nonlinear editing system



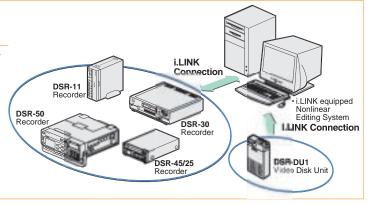
High-end, i.LINK-based Nonlinear Editing System

- Superior multi-generation picture and sound by use of i.LINK interfacing
- Quick mechanical response



DV-based, i.LINK Nonlinear Editing System

 Superior multi-generation picture and sound by use of i.LINK interfacing

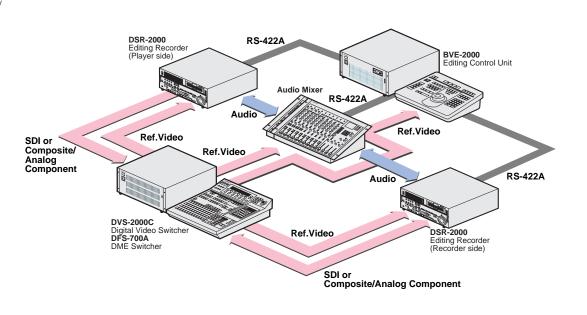


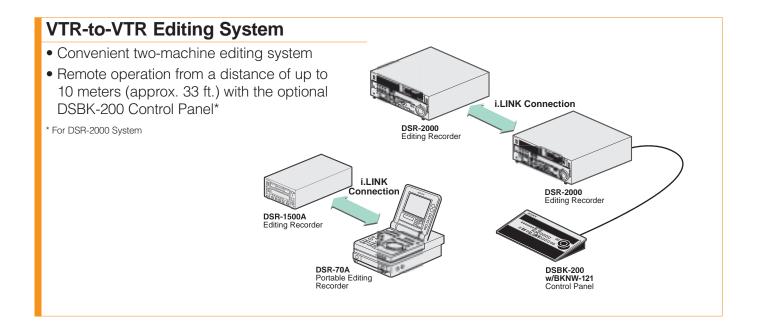
Application Examples

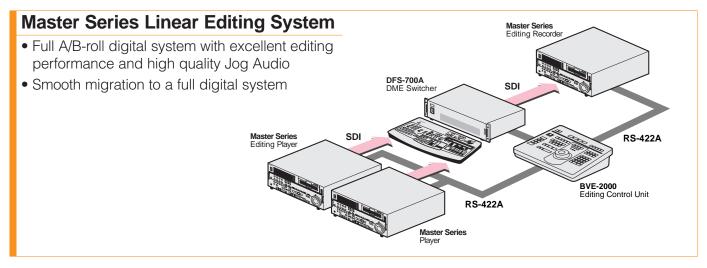
Studio Editing – Linear

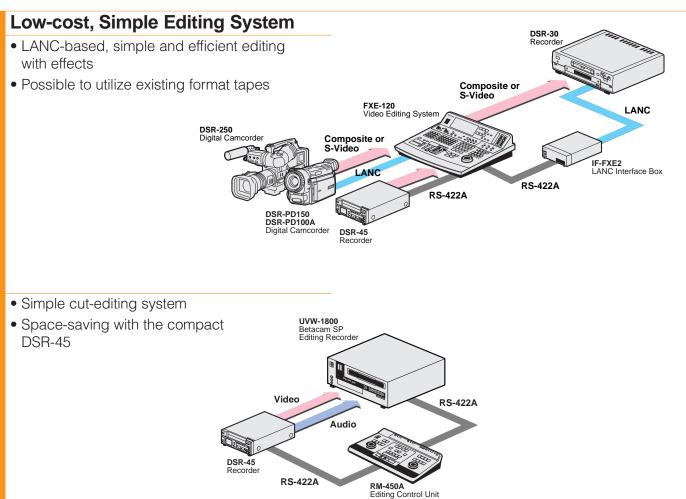
Preread Editing System

- A/B roll editing with two VTRs*
- Audio mix/swap and voice over with no delay between video and audio
- Title editing with one VTR and Audio Mixer
- * MIX and WIPE only









Optional Accessories & Peripheral Equipment





























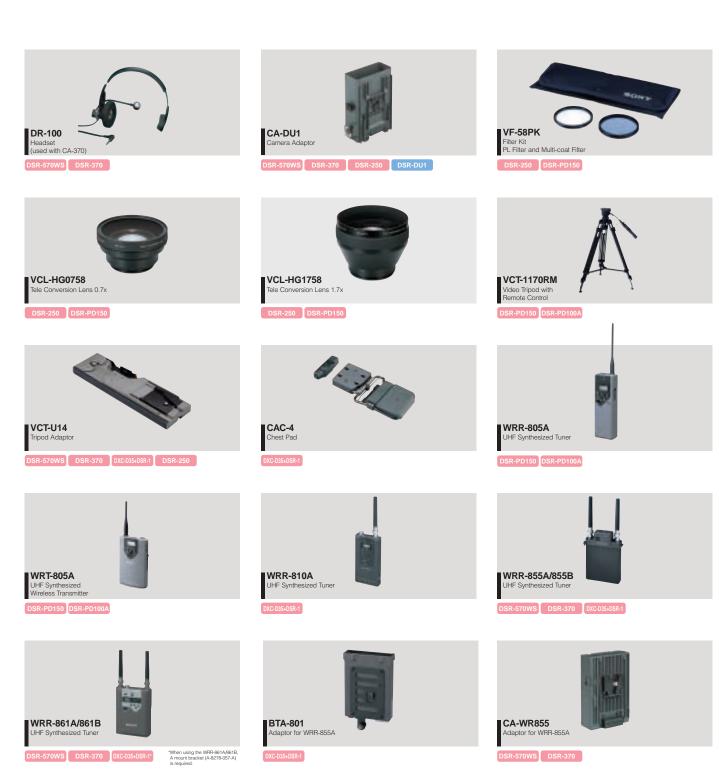








*The CA-370 includes a mount bracket (A-8274-968-B) to attach the DXF-51 to the DSR-570WS/370.









Optional Accessories & Peripheral Equipment







DSR-V10

































DSR-70A



DSR-70A





DSR-1500A





DSR-1600



DSR-1600



DSR-70A



DSR-70A



DSR-1800



DSR-1800



DSR-1800 DSR-1600



DSR-2000











Optional Accessories & Peripheral Equipment



















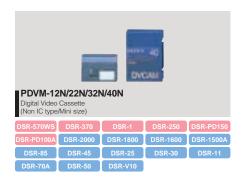






















Peripheral Equipment











DSR-570WS/DSR-370/DXC-D35/D35WS+DSR-1 camcorders

DSR-1 Dockable
Recorder

		T		
General	DSR-570WS	DSR-370	DXC-D35/D35WS+DSR-1	DSR-1
Power requirements		DC 12 V (11 to 17 V)		DC 12 V +5/-1 V
Power consumption	26.1 W (with VF), 24 W (without VF)	22.1 W (with VF), 20 W (without VF)	24.8 W (with VF)	12 W
Operating temperature	7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7	32 °F to 104 °F (0 °C to 40 °C)		32 °F to 104 °F (0 °C to 40 °C)
Storage temperature		-4 °F to 140 °F (-20 °C to 60 °C) 28.193 mm/s		-4 °F to 140 °F (-20 °C to 60 °C)
Tape speed		28.193 mm/s		
Recording/Playback time Standard size		184 min.		40.4
Mini size		184 min. 40 min.		
Fast forward/Rewind time		40 11111.		
Standard size		Approx. 12 min.		Approx. 12 min.
Mini size		Approx. 3 min.		Approx. 3 min.
Continuous recording time	Approx. 70 min. with BP-L40A, 90 min. with BP-M50,	Approx. 80 min. with BP-L40A, 100 min. with BP-M50,	Approx. 75 min with BP-L40A	Approx. 75 min. with BP-L40A
	140 min. with BP-L60A, 200 min. with BP-M100, 230 min. with BP-L90A	180 min. with BP-L60A, 230 min. with BP-M100, 290 min. with BP-L90A		(DSR-1 + DXC-D35)
Weight	14 lb 20 oz (6.4 kg)	13 lb 10 oz (6.2 kg)	D35: 16 lb 1 oz (7.3 kg), D35WS: 16 lb 5 oz (7.4 kg)	6 lb 13 oz (3.1 kg) (with battery)
Wolgitt	(with VF, microphone, lens, battery and tape)	(with VF, microphone, lens, battery and tape)	(with VF, microphone, lens, battery, tape and carrying handle)	0 15 16 62 (6.1 kg) (with battery)
Dimensions (W x H x D)	4 7/8 x 7 5/8 x 11 1/8 inches	4 7/8 x 7 5/8 x 10 3/4 inches	4 7/8 x 8 1/8 x 13 5/8 inches	4 3/4 x 7 3/8 x 7 3/8 inches
	(121 x 192 x 280 mm) (without projections)	(121 x 192 x 270 mm) (without projections)	(121 x 206 x 344 mm)	(118 x 185 x 185 mm)
	9 5/8 x 9 3/4 x 21 1/8 inches	9 5/8 x 9 3/4 x 21 1/8 inches (242 x 247 x 536 mm) (with projections)		
Camera Section	(242 x 247 x 536 mm) (with projections)	(242 X 247 X 536 Hirri) (Willi projections)		
Image device	3-chip 2/3-inch type, Interline-Transfer CCD	3-chip 1/2-inch type, Interline-Transfer CCD	3-chip 2/3-inch type, Interline-Transfer CCD	_
Optics	e drip go mon type, marine francis ees	F1.4 medium index prism system	o drip go mon type, manine nanote oce	_
Effective picture elements	980 (H) x 494 (V)	768 (H) x 494 (V)	D35: 768 (H) x 494 (V), D35WS: 980 (H) x 494 (V)	_
Total picture elements	1038 (H) x 504 (V)	811 (H) x 508 (V)	D35: 811 (H) x 508 (V), D35WS: 1038 (H) x 504 (V)	_
Sensing area	9.6 mm x 5.4 mm	6.4 mm x 4.8 mm	D35: 8.8 mm x 6.6 mm, D35WS: 9.6 mm x 5.4 mm	_
Built-in filters	1: 3200 K 2: 5600 K+1/8 ND 3: 5600 K 4: 5600 K+1/64 ND	1: 3200 K 2: 5600 K+1/8 ND 3: 5600 K 4: 5600 K+1/64 ND	1: 3200 K 2: 5600 K+1/8 ND 3: 5600 K 4: 5600 K+1/64 ND	_
Lens mount	Sony 2/3-inch type bayonet mount	Sony 1/2-inch type bayonet mount	Sony 2/3-inch type bayonet mount	_
Signal system	Sony Lie mon type bayonet mount	NTSC color system	conf Go mon type bayonet mount	_
Scanning system		2:1 interlaced, 525 lines, 60 fields/s		_
Horizontal frequency		15.734 kHz		_
Vertical frequency		59.94 Hz		_
Sync system Horizontal resolution	Internal Sync, GENLOCK IN 16:9 mode: 800 TV lines(center) 4:3 mode: 850 TV lines (center)	I/VIDEO IN (VBS or BS), External Sync, VTR/CCU IN 800 TV lines (center)	Internal and external with VBS or BS signal D35: 880 TV lines, D35WS: 850 TV lines (4:3 mode), 800 TV lines (16:9 mode)	_
Vertical resolution	16.9 mode. 600 TV lines(center) 4.5 mode. 650 TV lines (center)	400 TV lines (without EVS), 450 TV lines (with EVS)	D33. 000 TV III es, D33W3. 030 TV III es (4.5 HIUUe), 000 TV III es (10.9 HIUUe)	
Minimum illumination	0.25 lx with F1.4, Hyper gain (42 dB)	0.5 Ix with F1.4, Hyper gain (36 dB)	0.25 lx with F1.4, Hyper gain (36 dB+DPR)	_
	0.4 lx with F1.8, Hyper gain (42 dB)	0.8 lx with F1.8, Hyper gain (36 dB)	0.4 lx with F1.8, Hyper gain (36 dB+DPR)	
Sensitivity		F11 at 2000 lx (3200 K, 89.9% reflectance) (typical)		_
Gain selection	-3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 18 dB, 18 dB+DPR*', 24 dB, 24 dB+DPR,	-3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 18 dB, 18 dB+DPR*1, 24 dB, 24 dB+DPR,	-3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 18 dB, 18 dB+DPR, 24 dB, 24 dB+DPR,	_
	Hyper gain (36 dB or 42 dB selectable)	Hyper gain (36 dB)	Hyper gain (30 dB+DPR or 36 dB+DPR)	
Shutter speed selection	Tryper gain (60 db of 42 db selectable)	OFF, 1/100, 1/250, 1/500, 1/1000, 1/2000 (s)	Tryper gain (co da la la littor co da la la litto	_
S/N ratio	63 dB (typical)	62 dB (typical)	63 dB (typical)	_
Registration		0.05% (all zones, without lens)		_
Geometric distortion		Below measurable level		_
VTR Section				
Video performance*2				Luminance: 30 Hz to 5 0 MHz ±1 0 dB
Video performance*2 Bandwidth		Luminance: 30 Hz to 5.0 MHz ±1.0 dB		Luminance: 30 Hz to 5.0 MHz ±1.0 dB 5.75 MHz +0/-3.0 dB (Typical measurement)
Bandwidth		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB		5.75 MHz +0/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB
Bandwidth S/N ratio		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB		5.75 MHz +0/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB
Bandwidth S/N ratio K-factor (K2T, KPB)		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0%		5.75 MHz +0/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0%
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB		5.75 MHz +0/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns
Bandwidth S/N ratio K-factor (K2T, KPB)		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d	В	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz + 0.5/-1.0 dB
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns	B dB	5.75 MHz -0/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 KHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit):
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2 Frequency response	4	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0	B dB	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 KHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB
Bandwidth S/N ratio K-factor (K2T, KPB) Y/G delay Audio performance** Frequency response Dynamic range		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d	B dB	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit); 20 Hz to 20 kHz + 0.5/-1.0 dB 4 CH mode (32 kHz/12-bit); 20 Hz to 14.5 kHz + 0.5/-1.0 dB More than 80 dB
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2 Frequency response		Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB	B dB	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 KHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD)	Genlock Video In: E	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω	dB Genlock Video In: BNC, 1.0 Vp-p, 75 Ω	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2 Frequency response Dynamic range Distortion (THD) Input/Output Connectors	Genlock Video In: B Analog Video In: B	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω	dB Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2	5.75 MHz -0/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 KHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (38 KHz/16-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2 Frequency response Dynamic range Distortion (THD) Input/Output Connectors	Genlock Video In: E Analog Video In: B (with DSBK-501 opt	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 H	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio Ch-1/2: XLR 3-pin female x2 -60 dBu, 3 Ω2 ± 4 dBu, 10 kΩ	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz + 0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz + 0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2 Frequency response Dynamic range Distortion (THD) Input/Output Connectors	Genlock Video In: E Analog Video In: Bl (with DSBK-501 opt Ext Audio CH-1/2:)	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω 3NC, 1.0 Vp-p, 75 Ω 10 to 10 board installed) LR 3-pin female x2 60 dBu, 3 k2 x4 dBu, 10 kΩ	dB Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2	5.75 MHz -0/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 KHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (38 KHz/16-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2 Frequency response Dynamic range Distortion (THD) Input/Output Connectors	Genlock Video In: E Analog Video In: Bf (with DSBK-501 opt Ext Audio CH-1/2:) MIC In: XLR 3-pin f	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω Ional board installed) (LR 3-pin female x2 60 dBu, 3 kΩ ±4 dBu, 10 kΩ emale	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio Ch-1/2: XLR 3-pin female x2 -60 dBu, 3 Ω2 ± 4 dBu, 10 kΩ	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz + 0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz + 0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs	Genlock Video In: B Analog Video In: Bf (with DSBK-501 opi Ext Audio CH-1/2:) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω SNC, 1.0 Vp-p, 75 Ω ORD Hz de Hz dBu, 10 kΩ emale ×2 60 dBu, 3 kΩ ±4 dBu, 10 kΩ emale p to 18 Vp-p, 10 kΩ	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ	5.75 MHz -40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 Htz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (38 Htz/16-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*2 Frequency response Dynamic range Distortion (THD) Input/Output Connectors	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: MIC In: XLR 3-pin fr TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit):	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio Ch-1/2: XLR 3-pin female x2 -60 dBu, 3 Ω2 ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector:	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/f6-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/f2-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB Wore than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p,
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin fr TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-D, sync negative	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω (NC, 1.0 Vp-p, 75 Ω tional board installed) KLR 3-pin female ×2 60 dBu, 3 kZ ± d dBu, 10 kΩ emale 1 video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω VBS: 1.0 Vp-p, sync negative VBS: 1.0 Vp-p, sync negative	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω Uc, 1.0 Vp-p, 15 Ω Uc, 1.0 Vp-p, 10 kΩ VBS: 1.0 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative VBS: 1.0 Vp-p, sync negative	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 Ω2 ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector i CA-537 docked VBS: 1.0 Vp-p, sync negative	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: Y MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω 10 tonal board installed) LR3-pin female x2 60 dBu, 3 kD, 24 dBu, 10 kΩ emale Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-YB-Y: Y: 1.0 Vp-p, sync negative Y/R-YB-Y: Y-P-P	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative VR-Y/B-Y: 1.0 Vp-p, sync negative R-Y/B-Y; 0.7 Vp-p	5.75 MHz -40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) InputOutput Connectors Signal inputs	Genlock Video In: E Analog Video In: B (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative 7/R-Y/B-Y, Y.1.0 Vp-p, sync negative R-Y/B-Y, 0.7 Vp-p Y/C: Y.1.0 Vp-p, sync negative	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mo	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio Ch-1/2: XLR 3-pin female x2 -60 dBu, 3 Ω ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p (Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p (Y: Y: 1.0 Vp-p, sync negative).	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/f6-bit); 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/f2-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E; XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/E; RCA PIN, -10 dBu, 47 kΩ
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) InputOutput Connectors Signal inputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin fr TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 6 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 7 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kHz/12-bit): 20 Hz to 20 kHz +0.5/-1.0 d 8 kH	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p V/R-Y/B-Y: Y. 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p VC: Y: 1.0 Vp-p, sync negative, C: 0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	5.75 MHz -40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 KHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 KHz/12-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*3 Frequency response Dynamic range Distortion (THD) InputOutput Connectors Signal inputs	Genlock Video In: E Analog Video In: B Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC; 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative R-Y/B-Y; 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative R-Y/B-Y; 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET1944	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω VC 1.0 Vp-p, 10 kΩ VG 2.0 Vp-p, Vp-n egative VBS: 1.0 Vp-p, sync negative VBS: 1.0 Vp-p, sync negative VR-VB-Y: V, 10 Vp-p, sync negative VR-VB-Y: V, 10 Vp-p, sync negative C 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET1394	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/f6-bit); 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/f2-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E; XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/E; RCA PIN, -10 dBu, 47 kΩ
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*3 Frequency response Dynamic range Distortion (THD) InputOutput Connectors Signal inputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \(\) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Video Note Py-Ny-Y, Y-Y, Y-Y, Y-Y, Y-Y, Y-Y, Y-Y, Y-Y,	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω tional board installed) LR 3-pin female x2 60 dBu, 3 kZ yd dBu, 10 kΩ emale 1 to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y'. 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p V/G: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p V/deo Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/f6-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/f2-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E: XLR 3-pin female x2-f6 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/E: RCA PIN, -10 dBu, 47 kΩ
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*3 Frequency response Dynamic range Distortion (THD) InputOutput Connectors Signal inputs	Genlock Video In: E Analog Video In: B Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC; 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative R-Y/B-Y; 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative R-Y/B-Y; 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET1944	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω VC 1.0 Vp-p, 10 kΩ VG 2.0 Vp-p, Vp-n egative VBS: 1.0 Vp-p, sync negative VBS: 1.0 Vp-p, sync negative VR-VB-Y: V, 10 Vp-p, sync negative VR-VB-Y: V, 10 Vp-p, sync negative C 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET1394	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative (YB-YIB-Y* 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y* 1.0 Vp-p, sync negative, C-0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y*: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/f6-bit); 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/f2-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E; XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/E; RCA PIN, -10 dBu, 47 kΩ
Bandwidth S/N ratio K-Ractor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin fr TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω (NC, 1.0 Vp-p, 75 Ω (NC, 1.0 Vp-p, 75 Ω (NC, 1.0 Vp-p, 10 kΩ Wideo Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male 1 Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male 1 Video Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male 1 Video Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin Male 1 Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin Male 1 Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin (EEEE: 1394 Audio CH-12: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin fermale x2 -60 dBu, 3 f\Omega \text{ 4x Hz} 3-pin fermale x2 -60 dBu, 3 f\Omega \text{ 4x Hz} 4-pin fermale x2 -60 dBu, 3 f\Omega \text{ 4x Hz} 4-pin for the XP-p, 10 k\Omega TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 k\Omega Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y.1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p YC: Y.1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 \Omega S-Video: DIN 4-pin Y.1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 k\Omega TC Out: BNC, 1.0 Vp-p, 75 \Omega TC OUT: BNC, 1.0 V	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/f6-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/f2-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB Wore than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance*3 Frequency response Dynamic range Distortion (THD) InputOutput Connectors Signal inputs	Genlock Video In: E Analog Video In: B Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω VP-Y/B-Y* 1.0 Vp-p, sync negative R-Y/B-Y* 0.7 Vp-p Y.C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 κΩ Monitor Out BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, sync negative, 75 Ω DC In: XLR 4-pin male	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Video Out: BNC, 1.0 Vp-p, sync negative V/R-V/B-Y: Y, 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y, 1.0 Vp-p, sync negative NC, 2.028 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET 134 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 52 Ω DC In: XLR 4-pin male	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB
Bandwidth S/N ratio K-Ractor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Z6-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y, Y: 1.0 Vp-p, sync negative R-Y/B-Y, Y: 1.0 Vp-p, sync negative R-Y/B-Y, Or Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin maile DC Out: XLR 4-pin female	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω tional board installed) LR 3-pin female x2 60 dBu, 3 kz 4 dBu, 10 kΩ emale 1 pto 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-12: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 57 Ω DC In: XLR 4-pin female	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VSS: 1.0 Vp-p, sync negative VR:YB-Y: 1.0 Vp-p, sync negative, R-YB-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, R-YB-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin male	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω
Bandwidth S/N ratio K-Ractor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: B Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω VP-Y/B-Y* 1.0 Vp-p, sync negative R-Y/B-Y* 0.7 Vp-p Y.C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 κΩ Monitor Out BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, sync negative, 75 Ω DC In: XLR 4-pin male	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Video Out: BNC, 1.0 Vp-p, sync negative V/R-V/B-Y: Y, 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y, 1.0 Vp-p, sync negative NC, 2.028 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET 134 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative (YR-Y/B-Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male
Bandwidth S/N ratio K-Ractor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin fa TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d t CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d t CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d t CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d t CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d t CH as pin female x6 (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω Of 0 dBu, 3 kZ ± dBu, 10 kΩ emale -p to 18 Vp-p, 10 kΩ 10 Vdeo 0ut: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VSS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y. 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: 0ut: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 ftΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative V/R-V/B-Y: Y.1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p VfC: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p VfC: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin; 20-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (38 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male
Bandwidth S/N ratio K-Ractor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: B Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin fi TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative yBS: 1.0 Vp-p, sync negative YFR-Y/B-Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p YC: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 κΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 50 Q NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 50 Q DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin female Battery T-pin (47-pin)	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative (YBY-YIE-Y** 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y** 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y** 1.10 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin VF: Beyni, 20-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, 50 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC Oit: XLR 4-pin meale
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative 7/R-Y/B-Y: Y: 1.0 Vp-p, sync negative 7/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d Where than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω The strength of the stren	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 ftΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative V/R-V/B-Y: Y.1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p VfC: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p VfC: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin; 20-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin meale
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Z6-pin male VBS: 1.0 Vp-p, sync negative YR-Y/B-Y, Y: 1.0 Vp-p, sync negative R-Y/B-Y, Y: 1.0 Vp-p, sync negative R-Y/B-Y, Or Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Battery Terminat: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin VF: 20-pin Remote1: Stereo mini jack	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 75 Ω tional board installed) LR 3-pin female x2 60 dBu, 3 kZ yad dBu, 10 kΩ emale 1 to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-12: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remotel: Stereo mini jack	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative (YBY-YIE-Y** 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y** 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y** 1.10 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin VF: Beyni, 20-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit); 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin meale
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs Others	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: V1.0 Vp-p, sync negative R-Y/B-Y: V1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earrhone: Mirni jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Popin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y. 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y. 1.0 Vp-p, sync negative C 0. 228 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earlphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative (YBY-YIE-Y** 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y** 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y** 1.10 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin VF: Beyni, 20-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male
Bandwidth S/N ratio K-Ractor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \(\) MIC In: XLR 3-pin In TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/B-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE/1994 Audio CH-12: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin Remote1: Stereo mini jack Remote2: 10-pin	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 5NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 50 Q NC,	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 25-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative (YR-Y/B-Y* 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remote1: Stereo mini jack Remote2: 10-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (38 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ 2+4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, 50 ΩS-Video: DIN 4-pin Y-1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs Others	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIM 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin ifemale WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin	Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d Where than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω tional board installed) KLR 3-pin female x2 60 dBu, 3 kz 4 dBu, 10 kΩ emale 1 to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VSS: 1.0 Vp-p, sync negative YR-YB-Y: Y: 1.0 Vp-p, sync negative RYB-Y-G-Y Vp-p YC: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 5 Ω DV Out: 6-pin, IEEE1394 Audio CH-12: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: SLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin Winder (DXF-801)	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p V/C: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p V/C: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p V/C: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p V/Ge Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin Remote1: Stereo mini jack Remote2: 10-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/f6-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/f2-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB Wore than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin male Shoulder Strap, Connector Cap
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs Others	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin In TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω Z6-pin male VBS: 1.0 Vp-p, sync negative YR-Y/B-Y, Y: 1.0 Vp-p, sync negative R-Y/B-Y, Y: 1.0 Vp-p, sync negative R-Y/B-Y, Or Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin 1.5-inch BM Vie Microphone w Tripod Adag	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω VC, 1.0 Vp-p, 75 Ω tional board installed) LR 3-pin female x2 60 dBu, 3 kz yd 4 dBu, 10 kΩ emale video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEEF1394 Audio CH-12: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminat: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin winder (DXF-801) tith Wind Screen	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative VR-Y/B-Y* 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remote1: Stereo mini jack Remote2: 10-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC Out: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs Others	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2: \) MIC In: XLR 3-pin fr TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative 7/R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIM 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω 10 color than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω 10 color than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω 10 color than 80 dB VR3 -10 Vp-p, 75 Ω 10 color than 80 dB VR3 -10 Vp-p, 75 Ω 10 color than 90 dB VR4 -10 Vp-p, sync negative YR-YB-Y: 1.0 Vp-p, sync negative R-YB-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earlyhone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote2: 10-pin winder (DXF-801) tith Wind Screen slor VCT-U14 Lens Mount Cap	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 ftΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative 27-28-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative 28-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative 29-29-20-20-20-20-20-20-20-20-20-20-20-20-20-	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 76-pin Digital Interface: Pro 76-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin mele DC Out: XLR 4-pin female Earphone: Stereo Mini jack Shoulder Strap, Connector Cap Lithium Battery (type CR2032) M x6 Screws (2), M4 x12 Screws (2) Operating Instructions
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs Others	Genlock Video In: B Analog Video In: BI (with DSBK-S01 opi Ext Audio CH-1/2: \) MIC In: XLR 3-pin In TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin maile VBS: 1.0 Vp-p, sync negative, 75 Ω VBS: 1.0 Vp-p, sync negative R-Y(B-Y, Y: 1.0 Vp-p, sync negative R-Y(B-Y, Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-12: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin maile DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 1 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω NC, 1.0 Vp-p, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 22-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative (YR-Y/B-Y* 1.0 Vp-p, sync negative, R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin maie DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remotel: Stereo mini jack Remote2: 10-pin	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack
Bandwidth S/N ratio K-factor (K2T, KPB) Y/C delay Audio performance** Frequency response Dynamic range Distortion (THD) Input/Output Connectors Signal inputs Signal outputs Others	Genlock Video In: E Analog Video In: BI (with DSBK-501 op) Ext Audio CH-1/2:) MIC In: XLR 3-pin f TC In: BNC, 0.5 Vp Video Out: BNC, 1.0 Vp-p, sync negative 7/R-V/B-Y: Y: 1.0 Vp-p, sync negative 7/R-V/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin	Chrominance: 30 Hz to 1.5 MHz + 1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 d More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω 10 color than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω 10 color than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 3NC, 1.0 Vp-p, 75 Ω 10 color than 80 dB VR3 -10 Vp-p, 75 Ω 10 color than 80 dB VR3 -10 Vp-p, 75 Ω 10 color than 90 dB VR4 -10 Vp-p, sync negative YR-YB-Y: 1.0 Vp-p, sync negative R-YB-Y: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earlyhone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote2: 10-pin winder (DXF-801) tith Wind Screen slor VCT-U14 Lens Mount Cap	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 ftΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Camera head BNC connector: VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative 27-28-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative 28-pin connector of CA-537 docked VBS: 1.0 Vp-p, sync negative 29-29-20-20-20-20-20-20-20-20-20-20-20-20-20-	5.75 MHz 40/-3.0 dB (Typical measurement) Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB More than 55 dB Less than 2.0% Less than 30 ns 2 CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB More than 80 dB Less than 0.08% Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/E: XLR 3-pin female x2-60 dBu, 3 kΩ ± 4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.286 Vp-p, 75 Ω Audio CH-1/E: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack Shoulder Strap, Connector Cap Lithium Battery (type CR2032) M x6 Screws (2), M4 x12 Screws (2) Operating Instructions

^{*1:} DPR is equivalent to +6 dB gain up.
18 dB+DPR: Equivalent to +24 dB gain up.
24 dB+DPR: Equivalent to +30 dB gain up.
Hyper gain (30 dB+DPR): Equivalent to +36 dB gain up.

^{*2:} The specifications for "Video/Audio performance" were measured by playing back material on a DSR-1800/1800P (via analog component out) that had been recorded by each camcorder

DSR-250/DSR-PD150/DSR-PD100A camcorders

	DSR-250	DSR-PD150	DSR-PD100A
General			
Power requirements	DC 12 V (11 V to 17 V)	DC 7.2 V (Battery), DC 8.4 V (AC adaptor)	DC 7.2 V (Battery operation), DC 8.4 V (AC Adaptor)
Power consumption	10.5 W (with VF), 12.1 W (with VF and LCD)	4.7 W (with VF), 5.4 W (with LCD)	4.3 W (with VF), 5.3 W (with LCD)
Operating temperature	10.0 tr (mar tr), 12.1 tr (mar tr and 200)	32 °F to 104 °F (0 °C to 40 °C)	(), e.e (202)
Storage temperature		-4 °F to 140 °F (-20 °C to 60 °C)	
Tape speed	Approx. 28.2 mm/		28.2 mm/s
	Approx. 18.8 mm	/s (DV SP mode)	·
Recording/Playback time	184 minutes (DVCAM mode), 270 minutes (DV SP mode with PDV-184ME) 40 minutes (DVCAM mode), 60 minutes (DV SP mode with PDVM-40ME)	40 minutes (DVCAM mode) 60 minutes (DV SP mode, with PDVM-40ME)	40 min. with PDVM-40ME/40N/40MEM
Weight	Approx. 9 lb 11 oz (4.4 kg)	Approx. 3 lb 5 oz (1.5 kg)	Approx. 2 lb 13 oz (1.28 kg) (with XLR adaptor, lens, lens hood, battery and tape)
Dimensions (W x H x D)	9 5/8 x 10 x 20 1/8 inches (214.7 x 251.25 x 508.8 mm) including microphone	5 1/8 x 7 1/8 x 16 inches (128 x 180 x 405 mm) including microphone	3 3/4 x 4 1/2 x 7 5/8 inches (93 x 112 x 193.5 mm)
Lens			
Zoom	12:1 Variable Speed F =6.0 to 72.0 r		12:1 variable speed (1.83 to 26.5 s) zoom lens F=4.3 to 51.6 mm; F1.6 to 2.8
Filter diameter	58 mm (2.3	3/8 inches)	52 mm (2 1/8 inches)
Focus	Auto/Manual (ring)/In	finity/One push auto	Auto/Manual (ring)/Infinity
Camera			
Image device	Three 1/3-inch type C	CCDs, 380,000 pixels	Three 1/4-inch type CCDs, 380,000 pixels
Signal system		EIA Standard, NTSC color system	
Scanning system		Progrssive/Interlace Scan	
Horizontal resolution	530 T\	/ lines	500 TV lines
Minimum illumination	2	lx	4 lx
Gain selection	+0, +3, +6, +9, +	-12, +15, +18 dB	_
Shutter speed selection	1/4, 1/8, 1/15, 1/30, 1/60, 1/90, 1/100 1/725, 1/1000, 1/1500, 1/2000, 1/		1/4 to 1/10000 s
Exposure	Auto/Manual (Iris ring)	Auto/Manual (Iris dial)	Auto/Manual (Exposure dial, Program AE)
White balance	Auto/One-push (Memory A, B)/Outdoor (5800 K)/Indoor (3200 K)	Auto/One-push/Outdoor	(5800 K)/Indoor (3200K)
Viewfinder	1.5-inch black and white CRT, Zebra Pattern	180,000 dot Black & White LCD, Zebra Pattern	180,000 dot color LCD, Zebra Pattern
Built-in microphone	_	_	Stereo electret condenser microphone
Built-in speaker	Dynamic	speaker	Dynamic speaker
LCD	TFT Active Matrix, 2.5-inch	, 200,640 dots (880 x 228)	TFT Active Matrix, 3.5-inch 184,580 pixels (839 x 220)
Memory card slot	Memor Recording signals: Cam Image size: VC Image compr	era signals, VTR signals GA (640 x 480)	PC Card Standard ATA specifications Type II Power requirements: 3.3/5 V Capacity: 2 MB to 64 MB (when formatted by DSR-PD100A) Recording signals: Camera signal, VTR signal Image size: VGA (640 x 480) Image compression: JPEG
Input/Output Connectors			
Signal inputs/outputs	Video IN/OUT: RCA pin x 1 Luminance signal: 1 Vp-p, 75 Ω , unbalanced, sync negative Video OUT: BNC pin x 1 Luminance signal: 1 Vp-p, 75 Ω , unbalanced, sync negative Audio IN/OUT: RCA pin x 2, 245 mV, Output impedance with less than 2.2 k Ω , Input impedance with more than 47 k Ω S-Video IN/OUT: Mini-DIN 4 pin x 1, Luminance signal: 1 Vp-p, 75 Ω , unbalanced Chrominance signal: 0.286 Vp-p Audio IN: XLR 3-pin (female) x 3, -60 dBu, 6.8 k Ω , +4 dBu, 6.8 k Ω (0 dBu = 0.775 V rms) i Link (DV): 6 pin (with lock) x 1	Video IN/OUT: RCA pin x 1 Luminance signal: 1 Vp-p, 75 Ω , unbalanced, sync negative Audio IN/OUT: RCA pin x 2, 327 mV Output impedance with less than 2.2 k Ω Input impedance with more than 47 k Ω S-Video IN/OUT: Mini-DIN 4 pin x 1 Luminance signal: 1 Vp-p, 75 Ω , unbalanced Chrominance signal: 0.286 Vp-p (NTSC) Audio IN: XLR 3-pin female, x 2 -60 dBu, 3 k Ω , +4 dBu, 10 k Ω (0 dBu = 0.775 V rms) i.LINK (DV): 4-pin x 1	1.0 Vp-p, 75 Ω, sync negative S-Video In/Out: Mini DIN 4-pin x1 Y: 1.0 Vp-p, 75 Ω, unbalanced C: 0.286 Vp-p (subcarrier burst), 75 Ω, unbalanced MIC In: Stereo mini jack x1 (XLR 3-pin x1, via adaptor) i.LINK (DV): 4-pin x1
Others	LANC: Stereo mini-mini jack (0.25 mm) x 1 Headphone: Stereo mini jack (0.35 mm) x 1 External DC IN: 12 V, XLR 4-pin (male) DC OUT for Light: 12 V, max. 30 W DC OUT: 12 V, 4 pin	ini jack (0.25 mm) x 1 iini jack (0.35 mm) x 1 for AC-L10 AC adaptor	
Supplied Accessories	FOM NIVA MA	FOM NIVA Marrows LAA:	Mid-
	ECM-NV1 Monaural Microphone RMT-811 Remote Commander and R6 Batteries (2) MSA-4A IC Recording Media Memory Stick MSAC-US1 Memory Stick Reader/Writer Picture Gear 4.1 Lite Lens Hood Hood Cap	ECM-NV1 Monaural Microphone AC-L10 AC Adaptor NP-F330 InfoLITHIUM Rechargeable Battery Pack RMT-811 Remote Commander and R6 Batteries (2) MSA-4A IC Recording Media Memory Stick MSAC-US1 Memory Stick Reader/Writer Picture Gear 4.1 Lite, Stereo AV Cable Lens Hood, Hood Cap, Carrying Belt	Wide conversion Lens AC-L10 AC Adaptor NP-F330 InfoLITHIUM Rechargeable Battery Pack RMT-811 Remote Commander and R6 Batteries (2) MSA-4A IC Recording Media Memory Stick Memory Stick/PC Card Adaptor XLR Adaptor, Special Stereo AV Cable Lens Hood, Lens Cap, i.LINK Cable, Carrying Belt

DSR-2000/DSR-1800/DSR-1600/DSR-1500A/DSR-85A Studio VTRs

	DSR-2000	DSR-1800	DSR-1600	DSR-1500A	DSR-85		
General Power requirements		AC 100 V to 2	40 V, 50/60 Hz		AC 100 V to 120 V, 50/60 Hz		
Power consumption (Max.)	120 W	100 W	70 W 41 °F to 104 °F (5 °C to 40 °C)	55 W	185 W		
Operating temperature Storage temperature			-4 °F to 140 °F (-20 °C to 60 °C)				
Operating humidity	Less than 80%						
Storage humidity Tape speed	Less than 90% 28.193 mm/s						
Recording/Playback time Fast forward/Rewind time				D min.(DVCAM mode), 60 min.(DV SP moss than 1 min. with PDVM-40ME/40N/40I			
Search speed	Star	idard size: Less than 3 min. with PDV-	184ME/184N/184MEM, MINI SIZE: LE	ss than 1 min. with PDVM-40ME/40N/40r	When controlling via RS-422A:		
	Oh. Misde				Search speed is up to ±32 times normal speed.		
	Shuttle mode: still to ±60 times	Oho	uttle mode: still to ±60 times normal	anaad	When controlling via optional DSRM-10: Jog mode: still		
	normal speed Digital slow mode: ±1 times	Dig	gital slow mode: ±0.5 times normal	speed	to ±2 times normal speed.		
	normal speed				Shuttle mode: 8 steps, from still to ±16 times normal speed.		
					Digital slow mode: 3 steps, still, ±1/5, 1/10 times normal speed		
Weight	39 lb 10 oz (18 kg)		oz (13 kg)	13 lb 3 oz (6 kg)	46 lb 4 oz (21 kg)		
Dimensions (W x H x D, excluding projections)	16 7/8 x 7 x 19 5/8 inches (427 x 175 x 496.5 mm)	(427 x 174	x 15 3/4 inches x 400 mm)	8 3/8 x 5 1/8 x 16 5/8 inches (210 x 130 x 420 mm)	16 7/8 x 6 7/8 x 19 1/2 inches (427 x 174 x 494 mm)		
Video Performance Bandwidth Luminance	30 Hz to 5.0 MHz ±1.0 dB	30 Hz to 5.0	MHz ±1.0 dB	30 Hz to 5.0 MHz +1.0/-1.5 dB	30 Hz to 5.0 MHz ±1.0 dB		
(via analog component I/O)	5.75 MHz +0/-3.0 dB	30 HZ t0 3.0	WITIZ ± 1.0 QB	30 HZ to 3.0 MHZ + 1.0/- 1.3 dB	5.75 MHz +0/-3.0 dB		
Chrominance	(Typical measurement)		30 Hz to 1.5 MHz + 1.0/-5.0 dB		(Typical measurement)		
S/N ratio (via analog component I/O)			More than 55 dB				
K-factor (K2T, KPB) Y/C delay			Less than 2.0% Less than 30 ns				
Audio Performance					I		
Frequency response 2 CH mode (48 kHz/16-bit)		20 Hz to 20 kHz +0.5/-1.0 dB		20 Hz to 20 kHz ±1.0 dB	20 Hz to 20 kHz +0.5/-1.0 dB		
4 CH mode (32 kHz/12-bit)		20 Hz to 14.5 kHz +0.5/-1.0 dB		20 Hz to 14.5 kHz ±1.0 dB	20 Hz to 14.5 kHz +0.5/-1.0 dB		
Dynamic range Distortion (THD+N)		More than 90 dB Less than 0.05%		More than 87 dB Less than 0.07%	More than 85 dB Less than 0.05%		
Video Signal Inputs							
Analog Ref. Video (BNC x2,	Composite, 1.0 Vp-p,	0.286 Vp-p, 75 Ω, sync negative	_	Composite, 1.0 Vp	p-p, 75 Ω, sync negative		
loop-through connection) Video (BNC x2, loop-through connection) *1	75 Ω, sync negative	p, 75 Ω, sync negative	_	Composite 1.0 Vp	-p. 75 Ω, sync negative		
Component Y	1.0 Vp-p, 75 Ω,	sync negative	_	1.0 Vp-p, 75 Ω	, sync negative		
(BNC x3) *1 R-Y B-Y	0.7 Vp-p, 7 0.7 Vp-p, 7		<u> </u>		75 Ω (75 %) 75 Ω (75 %)		
S-Video *1	DIN 4-	pin x1	_	BNC x2 Y: 1.0 Vp-p, 75 Ω,	DIN 4-Pin x1 Y: 1.0 Vp-p, 75 Ω,		
	Y: 1.0 Vp-p, 75 C C: 0.286 Vp-p, 75	2, sync negative Ω (at burst level)		sync negative C: 0.286 Vp-p, 75 Ω (at burst level)	sync negative C: 0.286 Vp-p, 75 Ω (at burst level)		
Digital SDI *2,*3,*4	BNC x2, active-th	rough connection	_	BNC x1	BNC x2, active-through connection		
351	Conforms to Seria	I Digital Interface	_	Conforms to Serial Digital Interface	Conforms to Serial Digital Interface		
SDTI (QSDI) (BNC x1) *4,*5	(270 Mb/s), S Conforms to SDTI (270 M		_	(270 Mb/s), SMPTE 259M Conforms to SDTI (270 M	(270 Mb/s), SMPTE 259M Mb/s), SMPTE 305M/322M		
i.LINK (DV) (6-pin x1)*6.*7 Audio Signal Inputs	IEEE	1394	_	IEEE1394	_		
Analog							
Audio *1	XLR 3-pin -6/0/+4 dBu, 600 Ω on/off,	female x4 /-60 dBu, high impedance	_	XLR 3-pin female x2 -6/0/+4 dBu, high impedance	XLR 3-pin female x4 -6/0/+4 dBu, 600 Ω on/off/-60 dBu,		
	0,0,11 aba, 000 ab 01,011	oo aba, mgir impodanoo		6/6/ 1 d2d, 11g1 111pdda100	high impedance		
Digital AES/EBU *3,*4	BNC	x 2	_	BNC x2	XLR 3-pin female x2		
Video Signal Outputs	75 Ω, unb			75 Ω, unbalanced	110 Ω, balanced		
Analog							
Ref. Video (BNC x1) Video	Video 1/2/3(SUPER) BNC x3	0.286 Vp-p, 75 Ω, sync negative	IPER) BNC x2	Video 1/2/3 (SUPER) BNC x3	0.286 Vp-p, 75 Ω, sync negative Video 1/2 (SUPER) BNC x2		
		C	composite, 1.0 Vp-p, 75 Ω, sync neg	ative	1.000 1/2 (001 211) 1110 1/2		
Component (BNC x3) S-Video		Y: 1.0 Vp-p, 75 Ω, sync r DIN 4-pin x1	negative, R-Y: 0.7 Vp-p, 75 Ω (75 %)	, B-Y: 0.7 Vp-p, 75 Ω (75 %) BNC x2	DIN 4-pin x1		
			Ω, sync negative C: 0.286 Vp-p, 75		. Pro-111		
Digital SDI *3,*4,*9	BNC x3		E	BNC x2			
SDTI (QSDI) *4,*5,*10		Conforms t BNC x1	o Serial Digital Interface (270 Mb/s)		BNC x1		
וו (מסטו) יי יי יי		Confo	orms to SDTI (270 Mb/s), SMPTE 30		I DINC X I		
i.LINK (DV) (6-pin x1)*6.*7 Audio Signal Outputs		IEEE	1394		_		
Analog							
Audio		XLR 3-pin male x4	ectable by menu)	XLR 3-pin male x2	XLR 3-pin male x4 4 dBu, 600 Ω loading, low		
		-0/U/+4 UBU (SER			impedance, balanced		
Monitor	Phono x1 -11 dBu, 47 kΩ.	-11 dBu 47 kO un	RCA x1 abalanced (-20 dBFS)	-∞ to -11 dBu, 47 Ω,	Phono x1 -6 dBu, 47 kΩ, unbalanced		
Headahana / IM CO haratahana in in	unbalanced (-20 dBFS)			unbalanced (-20 dBFS)			
Headphone (JM-60 headphone jack x1)	-∞ to -13 dBu, 8 Ω, unbalanced (-20 dBFS)	-∞ to -13 dBu, 8 Ω	2, unbalanced (-20 dBFS)	-∞ to -13 dBu, 8 Ω, unbalanced (-20 dBFS)	-16 dBu, 8 Ω, unbalanced		
Digital AES/EBU*3*4.*9		RNIC	C x 2	·	XLR 3-pin male x2		
			balanced		110 Ω, balanced		
Time Code Input/Output In (BNC x1)			0.5 Vp-p to 18 Vp-p, 3 kΩ, unbalan	ced			
Out (BNC x1)			2.2 Vp-p, 75 Ω, unbalanced				
Remote	RS-422A: D-sub 9-pin female x2	RS-422A: D-sub	9-pin female x1	RS-422A: D-sub 9-pin female x1	RS-422A: D-sub 9-pin female x1		
	Video Control: D-sub 15-pin male x1 Control Panel: D-sub 15-pin female x1	Video Control: D-s	sub 15-pin male x1 Stereo mini jack x1	Control S (SIRCS): Stereo mini jack x1	TBC Remote: D-sub 15-pin male x1 Control S (SIRCS): Stereo mini jack x1		
Supplied Accessories				1			
	AC Power Cord RCC-5G 9-pin Remote Control Cable		ver Cord Instructions	AC Power Cord CD-R (Operating Instructions)	AC Power Cord RCC-5G 9-pin Remote Control Cable		
	Operating Instructions				Operating Instructions, ClipLink Guide		

^{*} The DSR-1500A only
*1: The optional DSBK-1504 is required for the DSR-1500A,
*2: The optional DSBK120 is required for the DSR-85,
*3: The optional DSBK1801 is required for the DSR-1800.

^{*4:} The optional DSBK1501 is required for the DSR-1500A.
*5: The optional DSBK1802 is required for the DSR-1800.
*6: The optional DSBK-190 is required for the DSR-2000.
*7: The optional DSBK1803 is required for the DSR-1800/1600.

^{*8:} The optional DSBK-120 is required for the DSR-85.
*9: The optional DSBK-1601 is required for the DSR-1600.
*10: The optional DSBK-1602 is required for the DSR-1600.

DSR-45/DSR-30/DSR-25/DSR-11 Studio VTRs

		DSR-45	DSR-30	DSR-25	DSR-11
General					
System		NT	SC	NTSC/PAL	Switchable
Power requirements		AC100 to 240V, 50 to 60Hz	AC120V, 60Hz	AC100 to 240V, 50 to 60Hz	AC100 to 240V, 50 to 60Hz
Power consumption		22 W	37 W	16 W	15 W
Operating temperature			41 °F to 104 °F	(5 °C to 40 °C)	
Storage temperature				(-20 °C to 60 °C)	
Tape speed	DVCAM mode			mm/s	
	DV SP mode			mm/s	
Recording/	Standard size		184 min. with PDV-1	84ME/184N/184MEM	
Playback time	Mini size		40 min. with PDVM	1-40ME/40N/40MEM	
Tape rewind time			Less than 2 min. wit	h PDV-184ME/184N/184MEM	_
Search speed		When controlling via optional DSRM-20: or supplied RMT-DS5 ± x1/10, x1/3, x1,x2,x9, x14 (DVCAM) ± x1/10, x1/3, x1,x2,x9, x24 (DV SP)	± x1/5,x1,x2,x10,x15	When controlling via optional DSRM-20 or supplied RMT-DSS: ± x1/10, x1/3, x1,x2,9, x14 (DVCAM NTSC) ± x1/10, x1/3, x1,x2,9, x24 (DV SP NTSC) ± x1/10, x1/3, x1,x2,x11, x17 (DVCAM PAL) ± x1/10, x1/3, x1,x2,x11, x24 (DV SP PAL)	When controlling via optional DSRM-20 or supplied RMT-DS11: ± x1/10, x1/3, x1,x2,9, x14 (DVCAM NTSC) ± x1/10, x1/3, x1,x2,9, x24 (DV SP NTSC) ± x1/10, x1/3, x1,x2,x11, x17 (DVCAM PAL) ± x1/10, x1/3, x1,x2,x11, x24 (DV SP PAL)
Weight		Approx. 10 lb 2 oz (4.6 kg)	Approx. 20 lb 4 oz (9.2 kg)	Approx. 9 lb 8 oz (4.3 kg)	Approx. 6 lb 2 oz (2.8 kg)
Dimensions (W x H x D, including project	tions)	16 7/8 x 6 7/8 x 19 1/2 inches (212 x 98 x 392.8 mm)	17 x 5 1/8 x 14 3/4 inches (430 x 129 x 374 mm)	8 3/8 x 3 7/8 x 15 1/2 inches (212 x 98 x 392.8 mm)	7 1/8 x 2 7/8 x 10 1/2 inches (180 x 73 x 265 mm)
Video Signal Inputs					
Rec mode		DVCAM/DV (SP mode only)	DVCAM	DVCAM/DV (SP mode only)	DVCAM/DV (SP mode only)
PB mode	-		DVCAM/DV (SP mode only)	
Ref. Video		BNC x1*1 Black burst: 75 Ω, sync negative		_	
Composite		BNCx1(Shared with REF IN) 1.0Vp-p, 75 Ω, Sync Negative	BNCx1, PIN Jack x1 1.0Vp-p, 75 Ω, Sync Negative	BNCx1 1.0Vp-p, 75 Ω, Sync Negative	PIN Jack x1 1.0Vp-p, 75 Ω, Sync Negative
S-Video		4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (frontx1, rearx1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω
Component		BNC x3 Y: 1.0 Vp-p, 75 Ω , sync negative R-Y/B-Y: 0.7 Vp-p, 75 Ω , (with 75 % color bar)		_	
Audio Signal Inputs					
Audio		PIN Jack x4 -10/-2/+4 dBu (full bits -20dB)	PIN Jack (rear L/R x1, front L/R x1) 2 Vrms (full bits)	PIN Jack (L/R x1) -10/-2/+4 dBu (full bits -20dB)	PIN Jack (L/R x1) 2 Vrms (full bits)
Video Signal Outputs					
Composite		BNCx1 1.0Vp-p, 75 Ω, Sync Negative	BNCx2 1.0Vp-p, 75 Ω, Sync Negative	BNCx1 1.0Vp-p, 75 Ω, Sync Negative	PIN Jack x1 1.0Vp-p, 75 Ω, Sync Negative
S-Video		4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (x2) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω , Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω
Component		BNC x3, Y: 1.0 Vp-p, 75 Ω , sync negative R-Y/B-Y: 0.7 Vp-p, 75 Ω , (with 75 % color bar)		_	
Monitor		PIN Jackx1, 1.0Vp-p, 75 Ω, Sync Negative			
Audio Signal Outputs					
Audio		XLR 3pin x4 (Male) +4dBu(full bits -20dB) (*2)	PIN Jack (L/R x2) 2 Vrms (full bits)	PIN Jack (L/R x1) 2 Vrms (full bits)	PIN Jack (L/R x1) 2 Vrms (full bits)
Monitor		PIN Jack x1, 2 Vrms (maximum)		_	
Digital Input/Output				JEEE 100.4	
i.LINK (DV)			4-pin x1,	IEEE1394	
Time Code Input/Output		BNC x1, 0.5 to 18 Vp-p (time code input),			
Out		0.5 to 4 Vp-p (through output) BNC x1, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω,			
Othors		0.5 to 4 Vp-p (through output)			
Others		LANC: Stereo mini-mini jack x1 Control S¹º (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1 HS-422A: D-sub 9-pin female x1 RS-232C: D-sub 9-pin male x1	LANC: Stereo mini-mini jack x2 (front x1/rear x1)*4 Control S*a (SIRCS) In: Mini jack x1 Control S (SIRCS) Out: Mini jack x1 Headphone: Stereo mini jack x1 Trigger In: RCA pin x1 (active short) MIC In: Mini jack x1	LANC: Stereo mini-mini jack x1 Control S*3 (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1	LANC: Stereo mini-mini jack x1 Control S** (SIRCS): Stereo mini jack x1
LCD Monitor		2-inch type, 123,200 dots	<u> </u>	2-inch type, 123,200 dots	_
Supplied Accessories		RMT-DS5 Wireless Remote Controller Size AA (R6) Battery for Remote (2) AC Power Cord Cleaning Cassette Operating Manual Interface Manual for Programmers (RS-232C)	RMT-DS30 Wireless Remote Controller Size AA (R6) Batteries for Remote (2) AC Power Cord Cleaning Cassette Operating Manual LANC Cable	RMT-DS5 Wireless Remote Controller Size AA (R6) Batteries for Remote (2) AC Power Cord Cleaning Cassette Operating Manual	RMT-DS11 Wireless Remote Controller Size AA (R6) Batteries for Remote (2) AC Adaptor, Power Cord Cleaning Cassette Operating Manual Rack

^{*1} Shared between composite IN and REF-IN.
*3 Recommended remote control unit: DSRM-20

^{*2} The audio output level of the DSR-45 will be reduced by half when connected to an Unbalanced XLR input device. *4 Priority on front LANC.

DSR-70A Portable Editing Recorder

General	
Power requirements	DC 12 V
Power consumption	46 W (without options)
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)
Operating humidity	Less than 80%
Storage humidity	Less than 90%
Tape speed	28.193 mm/s
Recording/Playback time	Standard size: 184 min. with PDV-184ME/184N/184MEM Mini size: 40 min. with PDVM-40ME/40N/40MEM
Fast forward/Rewind time	Standard size: Less than 3 min. with PDV-184ME/184N/184MEM Mini size: Less than 1 min. with PDVM-40ME/40N/40MEM
Search speed	x ±32
Weight	12 lb 12 oz (5.8 kg)
Dimensions (W x H x D)	8 3/8 x 5 7/8 x 17 1/2 inches (211 x 149 x 443 mm)
Video Signal Inputs	
Analog	
Ref. Video (BNC x2, loop-through connection)	0.286 Vp-p, 75 Ω, sync negative
Video (BNC x2, loop-through connection)	Composite, 1.0 Vp-p, 75 Ω , sync negative
Component (BNC x3)*1	Y: 1.0 Vp-p, 75 Ω, sync negative R-Y: 0.7 Vp-p, 75 Ω (75%) B-Y: 0.7 Vp-p, 75 Ω (75%)
S-Video (DIN 4-pin x1)	Y: 1.0 Vp-p, 75 Ω , sync negative C: 0.286 Vp-p, 75 Ω (at burst level)
Digital	
SDI (BNC x1)*2	Conforms to Serial Digital Interface (270 Mb/s), SMPTE 259M
SDTI (QSDI) (BNC x1)*3	Conforms to SDTI (270 Mb/s), SMPTE 305M/322M
i.LINK (DV) (6-pin x1)*4	IEEE1394
Audio Signal Inputs	
Analog	
Audio (CH-1,2) (XLR 3-pin female x2)	+4/0/-60 dBu, high impedance, balanced

Video Signal Outputs	
Analog	
Ref. Video (BNC x1)	0.286 Vp-p, 75 Ω, sync negative
Video 1/2(SUPER) (BNC x2)	Composite, 1.0 Vp-p, 75 Ω, sync negative
Component (BNC x3)*1	Y: 1.0 Vp-p, 75 Ω, sync negative
	R-Y: 0.7 Vp-p, 75 Ω (75%)
	B-Y: 0.7 Vp-p, 75 Ω (75%)
S-Video (DIN 4-pin x1)	Y: 1.0 Vp-p, 75 Ω , sync negative C: 0.286 Vp-p, 75 Ω (at burst level)
Digital	C. 0.200 vp-p, 75 12 (at burst level)
SDI (BNC x2)*2	Conforms to Serial Digital Interface (270 Mb/s), SMPTE 259M
SDTI (QSDI) (BNC x1)*3	Conforms to SDTI (270 Mb/s), SMPTE 305M/322M
i.LINK (DV) (6-pin x1)*4	IFFF1394
	IEEE 1394
Audio Signal Outputs Analog	
Audio (CH-1,2 or CH-3,4)	+4/0/-6 dBu (selectable by menu)
(XLR 3-pin male x2)	+4/0/-6 dBd (selectable by mend)
Monitor (R/L) (Phono x1)	-6 dBu, 47 kΩ, unbalanced
Headphone	-∞ to -20 dBu, 8 Ω, unbalanced
(JM-60 headphone jack x1)	
Time Code Input/Output	
Time Code In (BNC x1)	0.5 to 18 Vp-p, 3.3 kΩ, unbalanced
Time Code Out (BNC x1)	2.2 Vp-p ±3.0 dB, 600Ω, unbalanced
LCD	
LCD display (x1)	6.4-inch type VGA, 640 (H) x 480 (V)
Speaker	
Built-in speaker (x1)	Monaural
Remote	
	RS-422A: D-sub 9-pin female x1
Other	
	DC 12 V In: XLR 4-pin male x1
Supplied Accessories	
	Carrying Belt
	Connector Cap (per interface) Operating Instructions
	Warranty Card
	Waltality Gala

DSR-50 Portable Recorder

General	
System	NTSC
DC input	XLR 4-pin (male), +12 V
Power consumption	15 W
Operating temperature	41 °F to 104 °F (5 °C to 40 °C)
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)
Tape speed	Approx. 28.2 mm/s (DVCAM mode), Approx. 18.8 mm/s (DV SP mode)
Recording/Playback time	184 minutes (DVCAM mode), 270 minutes (DV SP mode), with PDV-184ME cassette 40 minutes (DVCAM mode), 60 minutes (DV SP mode), with PDVM-40ME cassette
Weight	8 lb 9 oz (3.9 kg), excluding battery and tape
Dimensions (W x H x D)	9 3/4 x 3 3/4 x 12 1/4 inches (247 x 92.5 x 311 mm), excluding projections 11 x 4 x 12 1/2 inches (279 x 99 x 315 mm), including projections
Video	
Rec mode	DVCAM/DV (SP mode only)
PB mode	DVCAM/DV (SP mode only)
Audio	
Rec mode	48.0 kHz/16-bit (2CH)/ 32.0 kHz/12-bit (4CH)/automatic (DV IN)
PB mode	48.0 kHz/16-bit (2CH)/32.0 kHz/12-bit (4CH) 32.0 kHz/16-bit (2CH)/44.1 kHz/16-bit (2CH) (automatically selected)
Input/Output Terminals	
Video IN Composite	1.0 Vp-p, 75 Ω, Sync negative
S (4-pin mini DIN)	Y: 1.0 Vp-p, 75 Ω , Sync negative C: 0.286 Vp-p (subcarrier burst) 75 Ω

Audio IN	XLR 3-pin (female) (+4 dBu/-20 dBu/-60 dBu) x 4, impedance more than 3 k Ω with +48 V power supply (independently switched for each channel)	
Camera IN	26-pin camera connector	
Composite	1.0 Vp-p, 75 Ω, Sync negative	
Component	Y: 1.0 Vp-p, 75 Ω, Sync negative	
	B-Y: 0.7 Vp-p, 75 Ω , R-Y: 0.7 Vp-p, 75 Ω	
Reference IN	BNC, Black Burst 75 Ω, Sync negative (use Video IN)	
Video OUT 1 (Monitor)	BNC, 1.0 Vp-p, 75 Ω, Sync negative	
Composite	Superimpose On/Off	
Video OUT 2 Composite	BNC, 1.0 Vp-p, 75 Ω, Sync negative	
S (4-pin mini DIN)	Y: 1.0 Vp-p, 75 Ω, Sync negative	
	C: 0.286 Vp-p (subcarrier burst) 75 Ω	
Component OUT	BNC x 3	
	Y: 1.0 Vp-p, 75 Ω, Sync negative	
A 11 OLIT	B-Y/R-Y: 0.7 Vp-p, 75 Ω	
Audio OUT	PIN Jack x 4, -10 dBu Standard output level -20 dB from full bit	
Audia OHT (Manitar)	'	
Audio OUT (Monitor)	PIN Jack	
DV IN/OUT	6-pin (with lock)	
Timecode IN	BNC, 0.5 to 18 Vp-p, 10 kΩ	
Timecode OUT	BNC, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω	
Control S	Stereo mini jack	
Remote	Stereo mini jack	
	(Edge High/Edge Low/Level High/Level Low) (Tally)	
Control	Stereo mini-mini jack (compatible with LANC as a player)	
Headphone jack (left side)	Stereo standard jack, -19 dBu, with Level Control	
Other		
Color LCD monitor	2.5-inch type, 200,000 dots	
Supplied accessories	LCD Protection Cover, Cleaning Cassette	

^{*1:} The optional DSBK-170 Analog Component Input/Output Board is required.
*2: The optional DSBK-160A SDI/i.LINK (DV) Input/Output Board is required.
*3: The optional DSBK-150 SDI (GSDI) Input/Output Board is required.
*4: The optional DSBK-140 i.LINK/DV Input/Output Board or DSBK-160A SDI/i.LINK (DV) Input/Output Board is required.

DSR-V10 DVCAM Video Walkman Recorder

General		
Power requirements	DC 7.2 V (with battery), DC 8.4 V (with AC adaptor)	
Power consumption	11.5 W (LCD on)	
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)	
Tape speed	28.193 mm/s	
Weight	2 lb 2 oz (970 g) (without battery and tape)	
Dimensions (W x H x D)	5 7/8 x 2 1/2 x 5 3/8 inches (148 x 62 x 135 mm)	
LCD screen	5.5-inch type	
Video		
Video signal	EIA standard, NTSC color	
Video input/output Video (PIN Jack x1) S-Video (Mini DIN 4-pin x1)	Composite, 1.0 Vp-p, 75 Ω , unbalanced, sync negative Y: 1.0 Vp-p, 75 Ω , unbalanced, sync negative C: 0.286 Vp-p (subcarrier burst), 75 Ω , unbalanced	

Audio	
Audio signal	Recording: 48 kHz/16-bit, 32 kHz/12-bit Playback: 48 kHz/16-bit, 32 kHz/12-bit, 32 kHz/16-bit, 44.1 kHz/16-bit
Audio inputs/outputs (PIN Jack x1/stereo L/R) (PIN Jack x2)	-7.5 dBs (0 dBu=0.775 Vrms)
Others	
	i.LINK (DV): 4-pin x1, IEEE1394 LANC: Stereo mini-mini jack x1 Headphone: Stereo mini jack x1 Multi connector: 20-pin x1
Supplied Accessories	
	AC-V700 AC Adaptor/Charger DK-415 DK Cable Carrying belt Operating Instructions

DSRM-E1 (Edit Adaptor for DSR-V10)		
General		
Power requirements	DC 7.2 V (supplied from DSR-V10), DC 8.4 V (with AC Adaptor)	
Power consumption	Approx. 1.8 W	
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)	
Weight	Main unit: 5.6 oz (160 g) Controller: 12 oz (340 g)	
Dimensions (W x H x D)	Main unit: 2 3/4 x 2 1/2 x 5 3/8 inches (69 x 61 x 134 mm) Controller: 7 1/4 x 1 11/16 x 5 1/8 inches (184 x 42 x 128 mm)	

Connectors		
	Multi connector: 20-pin x1 Control unit: Mini DIN 8-pin x1 LANC: Stereo mini-mini jack x1	
Monitor Output		
Video output (PIN Jack x1)	Composite, 1.0 Vp-p, 75 Ω , unbalanced, sync negative	
Audio output (PIN Jack x1/stereo L/R)	0.327 V, impedance 470 Ω or less	

CVX-V1 / CVX-V3 / CVX-V18N (Color Video Cameras for DSR-V10)		
General		
Power requirements	DC 7.2 V (with battery), DC 8.4 V (with AC adaptor)	
Power consumption	CVX-V1/V3: 1.8 W CVX-V18NS: 2.2 W	
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)	
Weight Camera head CCU (without battery)	CVX-V1: 25 g (0.85 oz) CVX-V3: 75 g (2.6 oz) CVX-V18NS: 343 g (12 oz) CVX-V1: 135 g (4.8 oz) CVX-V3: 135 g (4.8 oz) CVX-V18NS: 153 g (5 oz)	
Dimensions (W x H x D) Camera head	CVX-V1: 7/8 × 23/32 × 2 3/8 inches (22 × 18 × 60 mm) CVX-V3: 1 7/16 × 1 5/8 × 2 7/8 inches (36 × 40 × 70 mm) CVX-V18NS: 2 1/2 × 2 5/8 × 4 5/8 inches (63 × 66 × 115 mm)	
CCU	CVX-V1: 1 7/16 x 4 3/8 x 2 3/8 inches (35 x 110 x 60 mm) CVX-V3: 1 7/16 x 4 3/8 x 2 3/8 inches (35 x 110 x 60 mm) CVX-V18NS: 2 x 2 3/8 x 4 3/8 inches (50 x 59 x 110 mm)	
Camera		
Image device	1/4-inch Interline-Transfer CCD	
Effective picture elements	CVX-V1/V3: 380,000 pixels CVX-V18NS: 300,000 pixels	
Total picture elements	CVX-V1/V3: 410,000 pixels CVX-V18NS: 470,000 pixels	
Lens	CVX-V1: F1.8 CVX-V3: F2.8 to 4 CVX-V18NS: F1.4	

Focal length	CVX-V1: f=3.9 mm (35 mm conversion: 38 mm) CVX-V3: f=3.5 mm to 10.5 mm (35 mm conversion: 35 mm to 105 mm) CVX-V18NS: f=4.1 mm to 73.8 mm (35 mm conversion: 41 mm to 738 mm)
Minimum illumination	CVX-V1: 2 lx CVX-V3: 5 lx CVX-V18NS: 0.7 lx
Gain selection	CVX-V1: Auto/Hold CVX-V3: Auto
White balance	CVX-V1: Auto/Hold CVX-V3: Auto
Shutter speed	CVX-V1: Auto, 1/60, 1/100, 1/250, 1/500, 1/2000, 1/10000 CVX-V18NS: Auto, 1/4, 1/8, 1/15, 1/30, 1/60, 1/90, 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/725, 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/6000, 1/1000
Night shot (CVX-18NSP only)	IR light effective distance: 20 m (with slow shutter on), 5 m (without slow shutter)
Others (on CCU)	
	External MIC In: Stereo mini-mini jack x1 Multi connector: 20-pin x1 Camera cable connector: 12-pin x1 (CVX-V18N only) Battery connector
Supplied Accessories	
	Video Walkman Attachment Unit Operating Manual

DSR-DU1 Video Disk Unit

General Power requirements DC 8.4 V Power consumption 8.5 W Weight 1 lb 5 oz (600 g) 44 x 101 x 142 mm Dimensions (W x H x D) Operating temperature 0 °C to 40 °C -20 °C to 60 °C Storage temperature Operating Humidity Less than 85 % (without condensation.) Input/Output Terminals DV IN/OUT i.LINK x1 (IEEE1394 4-pin) Remote 4-pin Stereo mini Jack x1 DC IN **Supplied Accessories** Warranty card Operation manual .LINK cable (4-pin to 4-pin) Remote controller (RM-LG2) Battery (CR2032) Case

Flexicart Multi-cassette System

General			
Power requirements	AC 100/120/220/230/240 V, 50/60 Hz		
Power consumption	600 VA		
Operating temperature	4 °F to 95 °F (5 °C to 35 °C)		
Operating humidity	25% to 80% (non-condensing)		
Weight	Approx. 551 lb 2.5 oz (250 kg) (without VTRs, cassette bin units and tapes)		
Dimensions (W x H x D)	23 5/8 x 78 x 43 inches (600 x 1980 x 1090 mm)		
Connections			
	Ref. Video In (BNC): Black burst or composite video Time code In: (BNC) Remote control interfaces: REMOTE1: RS-422A D-sub 9-pin REMOTE2: RS-232C D-sub 25-pin		
	Parallel interface: D-sub 50-pin		
Supplied Accessories			
	AC Power Cord Operation Manual Maintenance Manual Installation Manual		

DSR-570WSP/DSR-370P/DXC-D35P/D35WSP+DSR-1P camcorders

DSR-1P Dockable Recorder

	DSR-570WSP	DSR-370P	DXC-D35P/D35WSP+DSR-1P	DSR-1P
General				
Power requirements Power consumption	26.1 W (with VF), 24 W (without VF)	DC 12 V (11 to 17 V) 22.1 W (with VF), 20 W (without VF)	24.8 W (with VF)	DC 12 V +5/-1 V 12 W
Operating temperature	20.1 W (With VI), 24 W (Without VI)	32 °F to 104 °F (0 °C to 40 °C)	24.0 W (With VI)	32 °F to 104 °F (0 °C to 40 °C)
Storage temperature		-4 °F to 140 °F (-20 °C to 60 °C)		-4 °F to 140 °F (-20 °C to 60 °C)
Tape speed Recording/Playback time		28.221 mm/s		28.221 mm/s
Standard size		184 min.		184 min.
Mini size Fast forward/Rewind time		40 min.		40 min.
Standard size		Approx. 12 min.		Approx. 12 min.
Mini size		Approx. 3 min.		Approx. 3 min.
Continuous recording time	Approx. 70 min. with BP-L40A, 90 min. with BP-M50, 140 min. with BP-L60A, 200 min with BP-M100,	Approx. 80 min. with BP-L40A, 100 min. with BP-M50, 180 min. with BP-L60A, 230 min. with BP-M100,	Approx. 75 min with BP-L40A	Approx. 75 min. with BP-L40A (DSR-1P + DXC-D35P)
	230 min. with BP-L90A	290 min. with BP-L90A		
Weight	14 lb 20 oz (6.4 kg) (with VF, microphone, lens, battery and tape)	13 lb 10 oz (6.2 kg) (with VF, microphone, lens, battery and tape)	D35P: 16 lb 1 oz (7.3 kg), D35WSP: 16 lb 5 oz (7.4 kg)	6 lb 13 oz (3.1 kg) (with battery)
Dimensions (W x H x D)	4 7/8 x 7 5/8 x 11 1/8 inches	4 7/8 x 7 5/8 x 10 3/4 inches	(with VF, microphone, lens, battery, tape and carrying handle) 4 7/8 x 8 1/8 x 13 5/8 inches	4 3/4 x 7 3/8 x 7 3/8 inches
,	(121 x 192 x 280 mm) (without projections)	(121 x 192 x 270 mm) (without projections)	(121 x 206 x 344 mm)	(118 x 185 x 185 mm)
	9 5/8 x 9 3/4 x 21 1/8 inches (242 x 247 x 536 mm) (with projections)	9 5/8 x 9 3/4 x 21 1/8 inches (242 x 247 x 536 mm) (with projections)		
Camera Section				
Image device Optics	3-chip 2/3-inch type, Interline-Transfer CCD	3-chip 1/2-inch type, Interline-Transfer CCD F1.4 medium index prism system	3-chip 2/3-inch type, Interline-Transfer CCD	
Effective picture elements	980 (H) x 582 (V)	752 (H) x 582 (V)	D35P: 752 (H) x 582 (V), D35WSP: 980 (H) x 582 (V)	_
Total picture elements	1038 (H) x 594 (V)	795 (H) x 596 (V)	D35P: 795 (H) x 596 (V), D35WSP: 1038 (H) x 594 (V)	_
Sensing area Built-in filters	9.6 mm x 5.4 mm 1: 3200 K 2: 5600 K+1/8 ND	6.4 mm x 4.8 mm 1: 3200 K 2: 5600 K+1/8 ND	D35P: 8.8 mm x 6.6 mm, D35WSP: 9.6 mm x 5.4 mm 1: 3200 K 2: 5600 K+1/8 ND	
	3: 5600 K 4: 5600 K+1/64 ND	3: 5600 K 4: 5600 K+1/64 ND	3: 5600 K 4: 5600 K+1/64 ND	
Lens mount Signal system	Sony 2/3-inch type bayonet mount	Sony 1/2-inch type bayonet mount PAL colour system	Sony 2/3-inch type bayonet mount	
Scanning system		2:1 interlaced, 625 lines, 50 fields/s		
Horizontal frequency		15.625 kHz		_
Vertical frequency Sync system	Internal Sync GENLOCK INVIDEO IN I	50 Hz VBS or BS), External Sync, VTR/CCU IN	Internal and external with VBS or BS signal	
Horizontal resolution	16:9 mode: 800 TV lines (center) 4:3 mode: 850 TV lines (center)	800 TV lines (center)	D35P: 880 TV lines, D35WSP: 850 TV lines (4:3 mode), 800 TV lines (16:9 mode)	_
Vertical resolution	0.051 31.54 4.11	480 TV lines (without EVS), 530 TV lines (with EVS)		_
Minimum illumination	0.25 lx with F1.4, Hyper gain (42 dB) 0.4 lx with F1.8, Hyper gain (42 dB)	0.5 lx with F1.4, Hyper gain (36 dB) 0.8 lx with F1.8, Hyper gain (36 dB)	0.25 lx with F1.4, Hyper gain (36 dB+DPR) 0.4 lx with F1.8, Hyper gain (36 dB+DPR)	_
Sensitivity		F11 at 2000 lx (3200 K, 89.9% reflectance) (typical)	71 0 1	_
Gain selection	-3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 18 dB, 18 dB+DPR*1, 24 dB, 24 dB+DPR,	-3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 18 dB, 18 dB+DPR*1, 24 dB, 24 dB+DPR,	-3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 18 dB, 18 dB+DPR, 24 dB, 24 dB+DPR,	_
	Hyper gain (36 dB or 42 dB selectable)	Hyper gain (36 dB)	Hyper gain (30 dB+DPR or 36 dB+DPR)	
Shutter speed selection S/N ratio	61 dB (typical)	OFF, 1/60, 1/250, 1/500, 1/1000, 1/2000 (s) 60 dB (typical)	61 dB (typical)	
Registration	or db (typical)	0.05% (all zones, without lens)	or dis (typical)	
Geometric distortion		Below measurable level		_
VTR Section Video performance*2				Luminance: 25 Hz to 5.5 MHz +1.0/-2.0 dB
Bandwidth		Luminance: 25 Hz to 5.5 MHz +1.0/-2.0 dB		5.75 MHz +0/-3.0 dB (Typical measurement)
S/N ratio		Chrominance: 25 Hz to 2.0 MHz +1.0/-2.0 dB More than 55 dB		Chrominance: 25 Hz to 2.0 MHz +1.0/-2.0 dB More than 55 dB
K-factor (K2T, KPB)		Less than 2.0%		Less than 2.0%
Y/C delay Audio performance*2		Less than 30 ns		Less than 30 ns 2 CH mode (48 kHz/16-bit):
Frequency response	2	CH mode (48 kHz/16-bit): 20 Hz to 20 kHz +0.5/-1.0	dB	20 Hz to 20 kHz +0.5/-1.0 dB
	4 (CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0) dB	4 CH mode (32 kHz/12-bit): 20 Hz to 14.5 kHz +0.5/-1.0 dB
Dynamic range		More than 80 dB		More than 80 dB
Distortion (THD)		Less than 0.08% (1 kHz reference level, 48 kHz)		Less than 0.08%
Input/Output Connectors Signal inputs	Genlock Video In: BN	VC. 1.0 Vp-p. 75 Ω	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω	Genlock Video In: BNC,
3	Analog Video In: BN0	C, 1.0 Vp-p, 75 Ω	Ext Audio CH-1/2: XLR 3-pin female x2	1.0 Vp-p, 75 Ω
		ional board installed) .R 3-pin female x2	-60 dBu, 3 kΩ ±4 dBu, 10 kΩ TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ	Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ
	Ext Audio CH-1/2: XLR 3-pin female x2 $-$ 68 MC In: XLR 3-pin female x2 $-$ 9 MC In: XLR 3-pin female		The second secon	
				TC In: BNC,
	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p	male		TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 kΩ
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	male to 18 Vp-p, 10 k Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	Camera head BNC connector:	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p,
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male	male to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male	VBS: 1.0 Vp-p, sync negative	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-F Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative YR-Y/B-Y, Y: 1.0 Vp-p, sync negative	nale 10 18 Vp-p, 10 kΩ 1/deo Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: 1.0 Vp-p, sync negative	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p	male to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y. 1.0 Vp-p, sync negative R-Y/B-Y: C525 Vp-p	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.525 Vp-p	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p,
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: 1.10 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level)	nale 10 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level)	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative YR-Y(B-Y: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative P-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIM 4-pin, 1.0 Vp-p, 5 Ω	nale b to 18 Vp-p, 10 kΩ volte 8 Vp-p, 10 kΩ volte 9 Vp-p, sync negative, 75 Ω 26-pin male volte 19 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIM 4-pin, 1.0 Vp-p, 5Ω	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative, R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, C: 0.0 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, T5 Ω	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: ROA PIN, -10 dBu, 47 kΩ
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative YR-YB-Y: 0.525 Vp-p YC. Y: 1.0 Vp-p, sync negative R-YB-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ	nale v to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.55 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE 1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative YR-YB-Y: 1.0 Vp-p, sync negative, R-Yβ-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DlN 4-pin Y: 1.0 Vp-p, sync negative	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: ROA PIN, -10 dBu, 47 kΩ
Signal outputs	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative YR-Y/B-Y: Y: 1.0 Vp-p, sync negative P-Y/B-Y: 0.525 Vp-p P-Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE 1394	nale ito 18 Vp-p, 10 k Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE 1394	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level)	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: ROA PIN, -10 dBu, 47 kΩ
	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω 28-pin male VBS: 1.0 Vp-p, sync negative 7/R-Y/B-Y: Y: 1.0 Vp-p, sync negative 7/R-Y/B-Y: 1.0 Vp-p, sync negative 8-y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative 9-y/C: Y: 1.0 Vp-p, sync negative 9-y/C: 0.3 Vp-p (burst level) 5-y/deo: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω	nale by to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537 docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, R-yB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, R-yB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω	0.5 Vp-p to 18 Vp-p, 10 k Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y. 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio OH-1/2: ROA PIN, -10 dBu, 47 k Ω TC Out: BNC, 1.0 Vp-p, 75 Ω
Signal outputs Others	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω 28-pin male VBS: 1.0 Vp-p, sync negative R-Y/B-Y: V: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female	nale vic 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-I/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω CO LI: XLR 4-pin male DC Out: XLR 4-pin female	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, R-VB-Y: 0.525 Vp-p VfC: Y: 1.0 Vp-p, sync negative, R-VB-Y: 0.525 Vp-p VfC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y-1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital
	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative PVR-Y/B-Y: Y: 1.0 Vp-p, sync negative PVR-Y/B-Y: V: 1.0 Vp-p, sync negative PVR-Y/B-Y: 0.525 Vp-p PVC: Y: 1.0 Vp-p, sync negative PVC: V: 1.0 Vp-p, sync negative PVC: V: 1.0 Vp-p, sync negative PVC: V: 0.3 Vp-p (burst level) PVC: V: 0.5 Vp-p PVC: V: 1.0 Vp-p, SYnc DV Out: 6-pin, IEEE1394 PVC: VPC: VPC: VPC: VPC: VPC: VPC: VPC:	nale to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE 1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin male Battery Terminal: 5-pin	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, R-yB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, R-yB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-12: ROA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male
	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω 28-pin male VBS: 1.0 Vp-p, sync negative R-Y/B-Y: V: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEET394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female	nale vic 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-I/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω CO LI: XLR 4-pin male DC Out: XLR 4-pin female	VBS: 1.0 Vp-p, sync negative 28-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative YR-YB-Y: Y.10 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p Y(C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin; 20-pin	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y-1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital
	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earlphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin	male by to 18 Vp-p, 10 k Ω video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE 1394 Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 10 pm septimized COUT: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin Femotel: Stereo mini jack	O.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-12: RCA PIN, 10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin male
	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω 28-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female	nale vito 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earrhone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin	VBS: 1.0 Vp-p, sync negative 28-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative YR-YB-Y: Y.10 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p Y(C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin; 20-pin	O.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-12: RCA PIN, 10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin male
Others	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω 28-pin male VBS: 1.0 Vp-p, sync negative 77.2 DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DV Out: XLR 4-pin male DC Out: XLR 4-pin female 8attery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Iems! Published 1.0 Vp-p. Vp-p. 1.0	nale vito 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.526 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YfC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin Femotel: Stereo mini jack	O.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-12: ROA PIN, 10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin male
	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative 75 Ω 28-pin male VBS: 1.0 Vp-p, sync negative 75.0 Vp-p, respective 75	nale vito 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack, Remote2: 10-pin	VBS: 1.0 Vp-p, sync negative 28-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative YR-YB-Y: Y.10 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p Y(C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini Jack Lens: 12-pin VF: 8-pin, 20-pin Remote1: Stereo mini Jack Remote2: 10-pin	0.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y-1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio Ot-1/2: ROA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin female Earphone: Stereo Mini jack
Others	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative P/R-Y/B-Y: Y: 1.0 Vp-p, sync negative P-Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative P-Y/C: Y: 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VP: 20-pin Remote 1: Stereo mini jack, Remote 2: 10-pin Inserted P-Y-R-Y-P-P-P-P-P-P-P-P-P-P-P-P-P-P-P-P-	nale vit of 8 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack, Remote2: 10-pin Vininder (DXF-801) th Wind Screen	VBS: 1.0 Vp-p, sync negative 28-pin connector of CA-S37P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, RY/B-Y: 0.525 Vp-p YR-Y/B-Y: Y.1.0 Vp-p, sync negative, R-Y/B-Y: 0.525 Vp-p Y(C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remote1: Stereo mini jack Remote2: 10-pin	O.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y-1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack
Others	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative PY/R-Y/B-Y: Y: 1.0 Vp-p, sync negative PY/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin Remote1: Stereo mini jack, Remote2: 10-pin Remote1: Stereo mini jack, Remote2: 10-pin 1.5-inch B/W View Microphone wif Tripod Adage	nale vito 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin Remote1: Stereo mini jack, Remote2: 10-pin vifinder (DXF-801) th Wind Screen tor VCT-U14	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, RYB-Y: 0.525 Vp-p YR-YB-Y: Y: 1.0 Vp-p, sync negative, RYB-Y: 0.525 Vp-p YC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remote1: Stereo mini jack Remote2: 10-pin	O.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: ROA PIN, 10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack Shoulder Strap Connector Cap Lithium Battery (type CR2032)
Others	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative, 75 Ω VF-y-P. VP-P. VP-P	nale vito 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack, Remote2: 10-pin Winder (DXF-801) th Wind Screen tor VGT-Ut-14 Lens Mount Cap Adjustment Test Chart	VBS: 1.0 Vp-p, sync negative 28-pin connector of CA-327P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, RYB-Y: 0.525 Vp-p YR-YB-Y: 1.0 Vp-p, sync negative, RYB-Y: 0.525 Vp-p Y(C: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remote1: Stereo mini jack Remote2: 10-pin	O.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y-1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio OH-1/2: ROA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 56-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack Shoulder Strap Connector Cap Lithium Battery (type CR2032) M4 x6 Screws (2) M4 x12 Screws (2)
Others	MIC In: XLR 3-pin fer TC In: BNC, 0.5 Vp-p. Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative, 75 Ω VBS: 1.0 Vp-p, sync negative YR-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.525 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 2-pin female WRR Out: 2-pin Remote 1: Stereo mini jack, Remote 2: 10-pin 1.5-inch B/W View Microphone wi Tipod Adar, Shoulder Strap, Flange Focal Length. Bindi	nale vio 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male VBS: 1.0 Vp-p, sync negative YR-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.55 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE 1394 Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female WRR Out: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack, Remote2: 10-pin vifinder (DXF-801) th Wind Screen tor VCT-U14 Lens Mount Cap	VBS: 1.0 Vp-p, sync negative 26-pin connector of CA-537P docked to DXC-D35P: VBS: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YR-YB-Y: Y: 1.0 Vp-p, sync negative, R-YB-Y: 0.525 Vp-p YC: Y: 1.0 Vp-p, sync negative, C: 0.3 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.3 Vp-p (burst level) Audio CH-1/2: Phono, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remotel: Stereo mini jack Remote2: 10-pin	O.5 Vp-p to 18 Vp-p, 10 kΩ Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω S-Video: DIN 4-pin Y: 1.0 Vp-p, sync negative, 75 Ω C: 0.3 Vp-p, 75 Ω Audio CH-1/2: RCA PIN, -10 dBu, 47 kΩ TC Out: BNC, 1.0 Vp-p, 75 Ω Analogue Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Stereo Mini jack Shoulder Strap Connector Cap Lithium Battery (type CR2032) M4 x6 Screws (2)

^{*1:} DPR is equivalent to +6 dB gain up.
18 dB+DPR: Equivalent to +24 dB gain up.
24 dB+DPR: Equivalent to +30 dB gain up.
Hyper gain (30 dB+DPR): Equivalent to +36 dB gain up.

^{*2:} The specifications for "Video/Audio performance" were measured by playing back material on a DSR-1800/1800P (via analog component out) that had been recorded by each camcorder.

DSR-250P/DSR-PD150P/DSR-PD100AP camcorders

	DSR-250P	DSR-PD150P	DSR-PD100AP
General			
Power requirements	DC 12 V(11 V to 17 V)	DC 7.2 V (Battery), DC 8.4 V (AC adaptor)	DC 7.2 V (Battery operation), DC 8.4 V (AC Adaptor)
Power consumption	10.5 W (with VF), 12.1 W (with VF and LCD)	4.7 W (with VF), 5.4 W (with LCD)	4.3 W (with VF), 5.3 W (with LCD)
Operating temperature		32 °F to 104 °F (0 °C to 40 °C)	
Storage temperature		-4 °F to 140 °F (-20 °C to 60 °C)	
Tape speed		/s (DVCAM mode) n/s (DV SP mode)	28.2 mm/s
Recording/Playback time	184 minutes (DVCAM mode), 270 minutes (DV SP mode with PDV-184ME) cassette, 40 minutes (DVCAM mode) 60 minutes (DV SP mode with PDVM-40ME)	40 minutes (DVCAM mode) 60 minutes (DV SP mode, with PDVM-40ME)	40 min. with PDVM-40ME/40N/40MEM
Weight	Approx. 9 lb 11 oz (4.4 kg)	(camcorder only) Approx. 3 lb 5 oz (1.5 kg)	Approx. 2 lb 13 oz (1.28 kg) (with XLR adaptor, lens, lens hood, battery and tape)
Dimensions (W x H x D)	9 5/8 x 10 x 20 1/8 inches (214.7 x 251.25 x 508.8 mm)	5 1/8 x 7 1/8 x 16 inches (128 x 180 x 405 mm) including microphone	3 3/4 x 4 1/2 x 7 5/8 inches (93 x 112 x 193.5 mm)
Lens			
Zoom	12:1 Variable Speed (1.2-22 s) zoom lens F =6.0 to 72.0 mm; F1.6 to 2.4		12:1 Variable speed (1.83 to 26.5 s) zoom lens F=4.3 to 51.6 mm; F1.6 to 2.8
Filter diameter	58 mm (2 3/8 inches)		52 mm (2 1/8 inches)
Focus	Auto/Manual (ring)/li	nfinity/One push auto	Auto/Manual (ring)/Infinity
Camera			
Image device	Three 1/3-inch type 0	CCDs, 450,000 pixels	Three 1/4-inch type CCDs, 450,000 pixels
Signal system		CCIR Standard, PAL color system	
Scanning system		Progressive/Interlace Scan	
Horizontal resolution	530 T	V lines	500 TV lines
Minimum illumination	2	lx	4 lx
Gain selection	+0, +3, +6, +9, -	+12, +15, +18 dB	_
Shutter speed selection		0, 1/120, 1/150, 1/215, 1/300, 1/425, /2500, 1/3500, 1/6000, 1/10000 s	1/3 to 1/10000 s
Exposure	Auto/Manual (Iris ring)	Auto/Manual (Iris dial)	Auto/Manual (Exposure dial, Program AE)
White balance	Auto/One-push(Memory A, B)/Out door(5800 K)/Indoor(3200 K)	Auto/One-push/Outdoo	pr(5800K)/Indoor(3200K)
Viewfinder	1.5-inch black and white CRT, Zebra Pattern	180,000 dot Black & White LCD, Zebra Pattern	180,000 dot color LCD, Zebra Pattern
Built-in microphone	-	_	Stereo electret condenser microphone
Built-in speaker	Dynamic	speaker	Dynamic speaker
LCD		latrix 2.5-inch s (880 x 228)	TFT Active Matrix, 3.5-inch 184,580 pixels (839 x 220)
Memory card slot	Recording signals: Cam Image size: V	Memory Stick Recording signals: Camera signals, VTR signals Image size: VGA (640 x 480) Image compression: JPEG	
Input/Output Connectors			Image compression: JPEG
Signal inputs/outputs	Video IN/OUT: RCA pin x 1, Luminance signal: 1 Vp-p, 75 Ω , unbalanced, sync negative Video OUT: BNC pin x 1, Luminance signal: 1 Vp-p, 75 Ω , unbalanced, sync negative Audio IN/OUT: RCA pin x 2,245 m Output impedance with less than 2.2 k Ω Input impedance with more than 47 k Ω S-Video IN/OUT: Mini-DIN 4 pin x 1 Luminance signal: 1 Vp-p, 75 Ω , unbalanced, Chrominance signal: 0.3 Vp-p (PAL) Audio IN: XLR 3-pin(female) x 3, -60 dBu, 6.8 k Ω , 4 dBu, 6.8 k Ω (0 dBu = 0.775 V rms) i.LINK (DV): 6 pin (with lock) x 1	Video IN/OUT: RCA pin x 1 Luminance signal: 1 Vp-p, 75 Ω , unbalanced, sync negative Audio IN/OUT: RCA pin x 2, 327 mV Output impedance with less than 2.2 k Ω Input impedance with more than 47 k Ω S-Video IN/OUT: Mini-DIN 4 pin x 1 Luminance signal: 1 Vp-p, 75 Ω , unbalanced Chrominance signal: 0.3 Vp-p Audio IN: XLR 3-pin female x 2, 60 dBu, 3 k Ω , +4 dBu, 10 k Ω (0 dBu = 0.775 V rms) i.LINK (DV): 4-pin x 1	Audio/Video In/Out: Special AV mini jack (converts to Phono) x1, 1.0 Vp-p, 75 Ω, sync negative S-Video In/Out: Mini DIN 4-pin x1 Y: 1.0 Vp-p, 75 Ω, unbalanced C: 0.3 Vp-p (subcarrier burst), 75 Ω, unbalanced MIC In: Stereo mini jack x1 (XLR 3-pin x1, via adaptor) i.LINK (DV): 4-pin x1
Others	LANC: Stereo mini-mini jack (0.25 mm) x 1 Headphone: Stereo mini jack (0.35 mm) x 1 External DC IN: 12 V, XLR 4-pin (male) DC OUT for Light: 12 V, max. 30 W DC OUT: 12 V, 4 pin	Headphone: Stereo n	ini jack (0.25 mm) x 1 nini jack (0.35 mm) x 1 for AC-L10 AC adaptor
Supplied Accessories			
	ECM-NV1 Monaural Microphone RMT-811 Remote Commander and R6 Batteries (2) MSA-4A IC Recording Media Memory Stick MSAC-US1 Memory Stick Reader/Writer Picture Gear 4.1 Lens Hood Lite Hood Cap	ECM-NV1 Monaural Microphone AC-L10 AC Adaptor NP-F330 InfoLITHIUM Rechargeable Battery Pack RMT-811 Remote Commander and R6 Batteries (2) MSA-4A IC Recording Media Memory Stick MSAC-US1 Memory Stick Reader/Writer Picture Gear 4.1 Lite Stereo AV Cable, Lens Hood Hood Cap, Carrying Belt	Wide conversion Lens AC-L10 AC Adaptor NP-F330 InfoLITHIUM Rechargeable Battery Pack RMT-811 Remote Commander and R6 Batteries (2) MSA-4A IC Recording Media Memory Stick Memory Stick/PC Card Adaptor XLR Adaptor Special Stereo AV Cable, Lens Hood, Lens Cap, Carrying Belt

DSR-2000P/DSR-1800P/DSR-1600P/DSR-1500AP/DSR-85P studio VTRs

General	DSR-2000P	DSR-1800P	DSR-1600P	DSR-1500AP	DSR-85P
Power requirements		AC 100 V to 2	240 V, 50/60 Hz		AC 220 V to 240 V, 50/60 Hz
Power consumption (Max.)	120 W	100 W	70 W	55 W	185 W
Operating temperature	41 °F (5 °C to 40 °C)				
Storage temperature Operating humidity	-4 °F to 140 °F (-20 °C to 60 °C) Less than 80%				
Storage humidity			Less than 90%		
Tape speed			28.221 mm/s		
Recording/Playback time Fast forward/Rewind time			184ME/184N/184MEM, Mini size: 40 m 184ME/184N/184MEM, Mini size: Less		
Search speed	Stan	dard size: Less than 3 min. with PDV-	- 184ME/ 184M/ 184MEM, MINI SIZE: Less	than I min. with PDVM-40ME/40N/40I	When controlling via RS-422A:
Search speed	Shuttle mode: still to ±60 times normal speed Digital slow mode: ±1 times normal speed	±60 times normal speed Digital slow mode: Digital slow mode: ±0.5 times normal speed Digital slow mode: ±0.5 times normal speed			Writel Collidoning Val no-3-42: Times normal speed. When controlling via optional DSRM-11 Jog mode: still to ±2 times normal spee Shuttle mode: 8 steps, from still to ±16 times normal speed Digital slow mode: 3 steps, st
Weight Dimensions (W x H x D, excluding projections)	39 lb 10 oz (18 kg) 16 7/8 x 7 x 19 5/8 inches (427 x 175 x 496.5 mm)	16 7/8 x 6 7/8	oz (13 kg) x 15 3/4 inches l x 400 mm)	13 lb 3 oz (6 kg) 8 3/8 x 5 1/8 x 16 5/8 inches (210 x 130 x 420 mm)	46 lb 4 oz (21 kg) 16 7/8 x 6 7/8 x 19 1/2 inches (427 x 174 x 494 mm)
Video Performance Bandwidth Luminance (via analog component I/O)	25 Hz to 5.0 MHz +1.0/-2.0 dB 5.75 MHz +0/-3.0 dB (Typical measurement)	25 Hz to 5.0	MHz ±1.0 dB	25 Hz to 5.0 MHz +1.0/-1.5 dB	25 Hz to 5.0 MHz +1.0/-2.0 dB 5.75 MHz +0/-3.0 dB
Chrominance	(Typicai measurement)		25 Hz to 2.0 MHz + 1.0/-2.0 dB		(Typical measurement)
S/N ratio (via analog component I/O)					
K-factor (K2T, KPB)	Less than 2.0%				
Y/C delay Audio Performance			Less than 30 ns		
Frequency response					
2 CH mode (48 kHz/16-bit)		20 Hz to 20 kHz +0.5/-1.0 dB		20 Hz to 20 kHz ±1.0 dB	20 Hz to 20 kHz +0.5/-1.0 dB
4 CH mode (32 kHz/12-bit)		20 Hz to 14.5 kHz +0.5/-1.0 dB		20 Hz to 14.5 kHz ±1.0 dB	20 Hz to 14.5 kHz +0.5/-1.0 dB
Dynamic range Distortion (THD+N)		More than 90 dB Less than 0.05%		More than 87 dB Less than 0.07%	More than 85 dB Less than 0.05%
Video Signal Inputs		2003 triair 0.00 /6			L000 triair 0.007/6
Analog					
Ref. Video	Composite, 1.0 Vp-p, 75 Ω,	0.3 Vp-p, 75 Ω, sync negative	_	Composite, 1.0 Vp	p-p, 75 Ω, sync negative
(BNC x2, loop-through connection) Video (BNC x2, loop-through connection)* 1	sync negative Composite, 1.0 Vp-r	o, 75 Ω, sync negative	_	Composite, 1.0 Vn	-p, 75 Ω, sync negative
Component Y	1.0 Vp-p, 75 Ω,		_		, sync negative
(BNC x3) *1 R-Y	0.7 Vp-p, 75	Ω (100 %)	_	0.7 Vp-p, 7	5 Ω (100 %)
B-Y S-Video *1	0.7 Vp-p, 75 DIN 4-c	Ω (100 %)		0.7 Vp-p, 7 BNC x 2	5 Ω (100 %) DIN 4-pin x 1
Digital	Y: 1.0 Vp-p, 75 Ω C: 0.3 Vp-p, 75 Ω	, sync negative	_	Y: 1.0 Vp-p, 75 Ω , sync negative C: 0.3 Vp-p, 75 Ω (at burst level)	Y: 1.0 Vp-p, 75 Ω , sync negative C: 0.3 Vp-p, 75 Ω (at burst level)
SDI *2,*3,*4	BNC x 2, active-thr	ough connection	_	BNC x 1	BNC x 2, active-through connection
	Conforms to Serial Digital Inter-			Conforms to Serial Digital Interface (270 Mb/s), ITU-RBT.656	Conforms to Serial Digital Interfac (270 Mb/s), ITU-RBT.656
SDTI (QSDI) (BNC x1) *4,*5	Conforms to SDTI (270 Mi	o/s), SMPTE 305M/322M	_	Conforms to SDTI (270 Mb/s),	Conforms to SDTI (270 Mb/s),
i.LINK (DV) (6-pin x1) *6,*7	IEEE1	304	_	SMPTE 305M/322M IEEE1394	SMPTE 305M/322M —
Audio Signal Inputs	He hate 1	00.		TEEL 100 T	
Analog					
Audio *1	XLR 3-pin f -6/0/+4 dBu, 600 Ω on/off/	-6/-3/0/+4 dBu, 600 Ω on/off/	_	XLR 3-pin female x2 -6/-3/0/+4 dBu,	XLR 3-pin female x4 -6/0/+4 dBu, 600 Ω on/off/
Pietral	-60 dBu, high impedance	-60 dBu, high impedance		high impedance	-60 dBu, high impedance
Digital AES/EBU *3.*4	BNC	v 2		BNC x 2	XLR 3-pin female x2
	75 Ω, unb		_	75 Ω, unbalanced	110 Ω, balanced
Video Signal Outputs					
Analog Ref. Video (BNC x1)		0.3 Vp-p, 75 Ω, sync negative			0.3 Vp-p, 75 Ω, sync negative
Video (BNC X1)	Video 1/2/3 (super) BNC x 3	Video 1/2(su	iper) BNC x 2	Video 1/2/3 (super) BNC x 3	Video 1/2 (super) BNC x 2
		C	Composite, 1.0 Vp-p, 75 Ω, sync negation	ve	
Component (BNC x3)			gative R-Y: 0.7 Vp-p, 75 Ω (100%)	B-Y: 0.7 Vp-p, 75 Ω (100%)	DIN 4 = 1 · · · · · · · · · · · · · · · · · ·
S-Video		DIN 4-pin x 1 Y: 1.0 Vp-p. 7	75 Ω, sync negative C: 0.3 Vp-p, 75 Ω	(at burst level)	DIN 4-pin x 1
Digital	l	1. 1.0 vp-p, r			
SDI *3,*4,*9	BNC x 3			0 x 2	
		Conforms t BNC x 1	to Serial Digital Interface (270 Mb/s), IT		BNC x 1
CDTI (OCDI) *4*5*10				BNC x 2	I DINC X I
SDTI (QSDI) *4,*5,*10			orms to SDTI (270 Mb/s). SMPTF 305M		
i.LINK (DV) (6-pin x1) *6.*7		Confo	orms to SDTI (270 Mb/s), SMPTE 305M E1394	JOEETVI	_
i.LINK (DV) (6-pin x1) *6.*7 Audio Signal Outputs		Confo		(OEEIVI	_
i.LINK (DV) (6-pin x1) *6.*7		Confo	1394	XLR 3-pin male x2	XLR 3-pin male x4
i.LINK (DV) (6-pin x1) *6*7 Audio Signal Outputs Analog	-6/0/+4 dBu (selectable by menu)	Confo IEEE			XLR 3-pin male x4 4 dBu, 600 Ω loading.
i.LINK (DV) (6-pin x1) *6.*7 Audio Signal Outputs Analog Audio	Phono x 1	Confo IEEE XLR 3-pin male x4	-6/-3/0/+4 dBu (selectable by menu) RCA x1	XLR 3-pin male x2	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1
i.LINK (DV) (6-pin x1) *6.47 Audio Signal Outputs Analog Audio	Phono x 1 -9 dBu, 47 kΩ, unbalanced	Conto IEEE XLR 3-pin male x4 -9 dBu	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ,	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ,	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced
i.LINK (DV) (6-pin x1) *6.*7 Audio Signal Outputs Analog Audio Monitor	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS)	Confo IEEE XLR 3-pin male x4 -9 dBu unbalancec	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ, 1 (-18 dBFS)	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS)	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced
i.LINK (DV) (6-pin x1) *6.*7 Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1)	Phono x 1 -9 dBu, 47 kΩ, unbalanced	Confo IEEE XLR 3-pin male x4 XLR 3-pin male x4 -9 dBu unbalancet -∞ to -11	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ,	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ,	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1
i.LINK (DV) (6-pin x1) **.*7 Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1) Digital	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω,	Confo IEEE XLR 3-pin male x4 XLR 3-pin male x4 -9 dBu unbalancer -> to -11 unbalancer	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ, 1 (-18 dBFS) dBu, 8 Ω, 1 (-18 dBFS)	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω,	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced -16 dBu, 8 Ω, unbalanced
i.LINK (DV) (6-pin x1) *6.*7 Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1) Digital	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω,	Confo IEEE XLR 3-pin male x4 XLR 3-pin male x4 -9 dBu unbalancer -> to -11 unbalancer	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ, 1 (-18 dBFS) dBu, 8 Ω,	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω,	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced -16 dBu, 8 Ω, unbalanced
i.LINK (DV) (6-pin x1) *6-x* Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1) Digital AES/EBU *5-x-x-3* Time Code Input/Output	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω,	Confo IEEE XLR 3-pin male x4 -9 dBu unbalancec -> to -11 unbalancec BNC x 2 75	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 KΩ, d (-18 dBFS) dBu, 8 Ω, d (-18 dBFS)	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS)	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced -16 dBu, 8 Ω, unbalanced
i.LINK (DV) (6-pin x1) *6.47 Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1) Digital Time Code Input/Output In (BNC x1) Out (BNC x1)	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω,	Confo IEEE XLR 3-pin male x4 -9 dBu unbalancec -> to -11 unbalancec BNC x 2 75	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ, 1 (-18 dBFS) dBu, 8 Ω, 1 (-18 dBFS)	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS)	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced
i.LINK (DV) (6-pin x1) *6.47 Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1) Digital AES/EBU **24.479 Time Code Input/Output In (BNC x1)	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS) RS-422A: D-sub 9-pin female x2 Video Control: D-sub 15-pin male x1	Conformal Conformation C	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ, d (-18 dBFS) dBu, 8 Ω, d (-18 dBFS) Ω, unbalanced 0.5 Vp-p to 18 Vp-p, 3 kΩ, unbalanced 2.2 Vp-p, 75 Ω, unbalanced 0.9 -pin female x1 sub 15-pin male x1	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS)	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced -16 dBu, 8 Ω, unbalanced XLR 3-pin male x2 110 Ω, balance RS-422A: D-sub 9-pin female x1 TBC Remote: D-sub 15-pin male x2
i.LINK (DV) (6-pin x1) *6.47 Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1) Digital AES/EBU **24.479 Time Code Input/Output In (BNC x1) Out (BNC x1) Remote	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS) RS-422A: D-sub 9-pin female x2	Conformal Conformation C	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ, 1 (-18 dBFS) dBu, 8 Ω, d (-18 dBFS) Ω, unbalanced 0.5 Vp-p to 18 Vp-p, 3 kΩ, unbalanced 2.2 Vp-p, 75 Ω, unbalanced	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS) d RS-422A: D-sub 9-pin female x1	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced -16 dBu, 8 Ω, unbalanced XLR 3-pin male x2 110 Ω, balance
i.L.INK (DV) (6-pin x1) *6.87 Audio Signal Outputs Analog Audio Monitor Headphone (JM-60 headphone jack x1) Digital AES/JEBU *534.89 Time Code Input/Output In (BNC x1) Out (BNC x1)	Phono x 1 -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS) RS-422A: D-sub 9-pin female x2 Video Control: D-sub 15-pin male x1	Conformal Conformation C	-6/-3/0/+4 dBu (selectable by menu) RCA x1 , 47 kΩ, d (-18 dBFS) dBu, 8 Ω, d (-18 dBFS) Ω, unbalanced 0.5 Vp-p to 18 Vp-p, 3 kΩ, unbalanced 2.2 Vp-p, 75 Ω, unbalanced 0.9 -pin female x1 sub 15-pin male x1	XLR 3-pin male x2 -∞ to -9 dBu, 47 kΩ, unbalanced (-18 dBFS) -∞ to -11 dBu, 8 Ω, unbalanced (-18 dBFS) d RS-422A: D-sub 9-pin female x1	XLR 3-pin male x4 4 dBu, 600 Ω loading, low impedance, balanced Phono x 1 -6 dBu, 47 kΩ, unbalanced -16 dBu, 8 Ω, unbalanced XLR 3-pin male x2 110 Ω, balance RS-422A: D-sub 9-pin female x1 TBC Remote: D-sub 15-pin male x2

^{*} The DSR-1500A only
*1: The optional DSBK-1504 is required for the DSR-1500A.
*2: The optional DSBK120 is required for the DSR-5
*3: The optional DSBK1801 is required for the DSR-1800.

^{*4:} The optional DSBK1501 is required for the DSR-1500A.
*5: The optional DSBK1802 is required for the DSR-1800.
*6: The optional DSBK-190 is required for the DSR-2000.
*7: The optional DSBK1803 is required for the DSR-1800/1600.

^{*8:} The optional DSBK-120 is required for the DSR-85.
*9: The optional DSBK-1601 is required for the DSR-1600.
*10: The optional DSBK-1602 is required for the DSR-1600.

DSR-45P/DSR-30P/DSR-25/DSR-11 Studio VTRs

0		DSR-45P	DSR-30P	DSR-25	DSR-11
General					
System		PA		·	Switchable
Power requirements		AC100 to 240V, 50 to 60Hz	AC220 to 240V, 50Hz	AC100 to 240V, 50 to 60Hz	AC100 to 240V, 50 to 60Hz
Power consumption		22 W	37 W	16 W	15 W
Operating temperature			41 °F to 104 °F	(5 °C to 40 °C)	
Storage temperature			-4 °F to 140 °F	(-20 °C to 60 °C)	
Tape speed	DVCAM mode		28.2	mm/s	
	DV SP mode		18.8	mm/s	
Recording/Playback time	Standard size		184 min. with PDV-1	84ME/184N/184MEM	
	Mini size		40 min. with PDVN	1-40ME/40N/40MEM	
Tape rewind time			Less than 2 min, with f	PDV-184ME/184N/184MEM	_
Search speed		When controlling via optional DSRM-20: or supplied RMT-DS5 ± x1/10, x1/3, x1,x2,x11, x17 (DVCAM) ± x1/10, x1/3, x1,x2,x11, x24 (DV SP)	± x1/5,x1,x2,x10,x18	When controlling via optional DSRM-20 or supplied RMT-DS5: ± x1/10, x1/3, x1, x2,x2,x3, x14 (DVCAM NTSC) ± x1/10, x1/3, x1,x2,x3, x24 (DV SP NTSC) ± x1/10, x1/3, x1,x2,x11, x17 (DVCAM PAL)	When controlling via optional DSRM-20 or supplied RMT-DS11: ± x1/10, x1/3, x1,x2,x9, x14 (DVCAM NTS ± x1/10, x1/3, x1,x2,x9, x24 (DV SP NTSC ± x1/10, x1/3, x1,x2,x1,x17 (DVCAM PAI
				± x1/10, x1/3, x1,x2,x11, x24 (DV SP PAL)	± x1/10, x1/3, x1,x2,x11, x24 (DV SP PAL
Weight		Approx.10 lb 2 oz (4.6 kg)	Approx. 20 lb 4 oz (9.2 kg)	Approx. 9 lb 8 oz (4.3 kg)	Approx. 6 lb 2 oz (2.8 kg)
Dimensions (W x H x D, including pro	ejections)	8 3/8 x 3 7/8 x 15 1/2 inches (212 x 98 x 392.8 mm)	17 x 5 1/8 x 14 3/4 inches (430 x 129 x 374 mm)	8 3/8 x 3 7/8 x 15 1/2 inches (212 x 98 x 392.8 mm)	7 1/8 x 2 7/8 x 10 1/2 inches (180 x 73 x 265 mm)
Video Signal Inputs					
Rec mode		DVCAM/DV (SP mode only)	DVCAM	DVCAM/DV (\$	SP mode only)
PB mode			DVCAM/DV (SP mode only)	
Ref. Video		BNC x1*1 Black burst: 75 Ω, sync negative		_	
Composite		BNCx1(Shared with REF IN)	BNCx1, PIN Jack x1	BNCx1	PIN Jack x1
		1.0Vp-p, 75 Ω, Sync Negative	1.0Vp-p, 75 Ω, Sync Negative	1.0Vp-p, 75 Ω, Sync Negative	1.0Vp-p, 75 Ω, Sync Negative
S-Video		4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.3Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (frontx1, rearx1) Y: 1.0Vp-p, 75 Ω , Sync Negative C: 0.3Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω
Component		BNC x3 Y: 1.0 Vp-p, 75 Ω, sync negative R-Y/B-Y: 0.7 Vp-p, 75 Ω, (with 100 % color bar)		_	
Audio Signal Inputs					
Audio		PIN Jack x4 -10/-2/+4 dBu (full bits -18dB)	PIN Jack (rear L/R x1, front L/R x1) 2 Vrms (full bits)	PIN Jack (L/R x1) -10/-2/+4 dBu (full bits -20dB)	PIN Jack (L/R x1) 2 Vrms (full bits)
Video Signal Outputs		(Idii bits - Iddb)		(Idii bits -20db)	
		DNCvd	DNCvQ	PNOvt	DIN Jook vt
Composite		BNCx1 1.0Vp-p, 75 Ω, Sync Negative	BNCx2 1.0Vp-p, 75 Ω, Sync Negative	BNCx1 1.0Vp-p, 75 Ω, Sync Negative	PIN Jack x1 1.0Vp-p, 75 Ω, Sync Negative
S-Video		4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.3Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (x2) Y: 1.0Vp-p, 75 Ω , Sync Negative C: 0.3Vp-p (subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω	4-pin mini DIN (x1) Y: 1.0Vp-p, 75 Ω, Sync Negative C: 0.286Vp-p (NTSC Mode)(subcarrier burst) 75 Ω C: 0.3Vp-p (PAL Mode)(subcarrier burst) 75 Ω
Component		BNC x3, Y: 1.0 Vp-p, 75 Ω, sync negative R-Y/B-Y: 0.7 Vp-p, 75 Ω, (with 100 % color bar)		_	
Monitor		PIN Jack x1, 1.0Vp-p, 75 Ω, Sync Negative			
Audio Signal Outputs		The date with most profit of the regalite			
Audio		XLR 3pin x4 (Male)	PIN Jack (L/R x2)	PIN Jack (L/R x1)	PIN Jack (L/R x1)
		+4dBu(full bits -18dB)(*2)	2 Vrms (full bits)	2 Vrms (full bits)	2 Vrms (full bits)
Monitor		PIN Jack x1, 2 Vrms (maximum)			
Digital Input/Output					
i.LINK (DV)			4-pin x1,	IEEE1394	
Time Code Input/Output	t				
		BNC x1, 0.5 to 18 Vp-p (time code input), 0.5 to 4 Vp-p (through output)		_	
In					
Out		BNC x1, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω,		_	
Out				_	
		BNC x1, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω, 0.5 to 4 Vp-p (through output)	LANC: Clarge mini mini inglu uc	LANC. Stores mini mini inglu uf	LANC: Storge mini mini isalid
Out Others		BNC x1, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω, 0.5 to 4 Vp-p (through output) LANC: Stereo mini-mini jack x1 Control S ^{x3} (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1 RS-422A: D-sub 9-pin female x1 RS-232C: D-sub 9-pin male x1	LANC: Stereo mini-mini jack x2 (front x1/rear x1)*4 Control S*3 (SIRCS) In: Mini jack x1 Control S (SIRCS) Out: Mini jack x1 Headphone: Stereo mini jack x1 Trigger In: RCA pin x1 (active short) MIC In: Mini jack x1	LANC: Stereo mini-mini jack x1 Control S*3 (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1	LANC: Stereo mini-mini jack x1 Control S ⁻⁰ (SIRCS): Stereo mini jack x1
Out		BNC x1, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω, 0.5 to 4 Vp-p (through output) LANC: Stereo mini-mini jack x1 Control S ^{x3} (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1 RS-422A: D-sub 9-pin female x1	(front x1/rear x1)*4 Control S*a (SIRCS) In: Mini jack x1 Control S (SIRCS) Out: Mini jack x1 Headphone: Stereo mini jack x1 Trigger In: RCA pin x1 (active short)	Control S*3 (SIRCS) In: Stereo mini jack x1	
Out Others		BNC x1, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω, 0.5 to 4 Vp-p (through output) LANC: Stereo mini-mini jack x1 Control S ^{x3} (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1 RS-422A: D-sub 9-pin female x1 RS-232C: D-sub 9-pin male x1	(front x1/rear x1)*4 Control S*a (SIRCS) In: Mini jack x1 Control S (SIRCS) Out: Mini jack x1 Headphone: Stereo mini jack x1 Trigger In: RCA pin x1 (active short)	Control S** (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1	

^{*1} Shared between composite IN and REF-IN.
*3 Recommended remote control unit: DSRM-20

DSR-70AP Portable Editing Recorder

General	
Power requirements	DC 12 V
Power consumption	46 W (without options)
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)
Operating humidity	Less than 80%
Storage humidity	Less than 90%
Tape speed	28.221 mm/s
Recording/Playback time	Standard size: 184 min. with PDV-184ME/184N/184MEM Mini size: 40 min. with PDVM-40ME/40N/40MEM
Fast forward/Rewind time	Standard size: Less than 3 min. with PDV-184ME/184N/184MEM Mini size: Less than 1 min. with PDVM-40ME/40N/40MEM
Search speed	x ±32
Weight	12 lb 12 oz (5.8 kg)
Dimensions (W x H x D)	8 3/8 x 5 7/8 x 17 1/2 inches (211 x 149 x 443 mm)
Video Signal Inputs	
Analog	
Ref. Video (BNC x2, loop-through connection)	0.3 Vp-p, 75 Ω , sync negative
Video (BNC x2, loop-through connection)	Composite, 1.0 Vp-p, 75 Ω , sync negative
Component (BNC x3)*1	Y: 1.0 Vp-p, 75 Ω, sync negative
	R-Y: 0.7 Vp-p, 75 Ω (100%) B-Y: 0.7 Vp-p, 75 Ω (100%)
S-Video (DIN 4-pin x1)	Y: 1.0 Vp-p, 75 Ω, sync negative
3-Video (DIN 4-piii x 1)	C: 0.3 Vp-p, 75 Ω (at burst level)
Digital	
SDI (BNC x1)*2	Conforms to Serial Digital Interface (270 Mb/s), ITU-R BT.656
SDTI (QSDI) (BNC x1)*3	Conforms to SDTI (270 Mb/s), SMPTE 305M/322M
i.LINK (DV) (6-pin x1)*4	IEEE1394
Audio Signal Inputs	
Analog	
Audio (CH-1,2) (XLR 3-pin female x2)	+4/0/-60 dBu, high impedance, balanced

Video Signal Outputs	
Analog	
Ref. Video (BNC x1)	0.3 Vp-p, 75 Ω, sync negative
Video 1/2(SUPER) (BNC x2)	Composite, 1.0 Vp-p, 75 Ω, sync negative
Component (BNC x3)*1	Y: 1.0 Vp-p, 75 Ω, sync negative
	R-Y: 0.7 Vp-p, 75 Ω (100%)
C Vistas (DIN 4 sis v.1)	B-Y: 0.7 Vp-p, 75 Ω (100%) Y: 1.0 Vp-p, 75 Ω, sync negative
S-Video (DIN 4-pin x1)	Y: 1.0 Vp-p, 75 Ω , sync negative C: 0.3 Vp-p, 75 Ω (at burst level)
Digital	
SDI (BNC x2)*2	Conforms to Serial Digital Interface (270 Mb/s), ITU-R BT.656
SDTI (QSDI) (BNC x1)*3	Conforms to SDTI (270 Mb/s), SMPTE 305M/322M
i.LINK (DV) (6-pin x1)*4	IEEE1394
Audio Signal Outputs	
Analog	
Audio (CH-1,2 or CH-3,4)	+4/0/-6 dBu (selectable by menu)
(XLR 3-pin male x2)	
Monitor (R/L) (Phono x1)	-6 dBu, 47 kΩ, unbalanced
Headphone	-∞ to -20 dBu, 8Ω, unbalanced
(JM-60 headphone jack x1)	
Time Code Input/Output	051:407: 0010 dedeced
Time Code In (BNC x1)	0.5 to 18 Vp-p, 3.3 kΩ, unbalanced
Time Code Out (BNC x1)	2.2 Vp-p, ± 3.0 dB, $600~\Omega$, unbalanced
LCD	0.4 (************************************
LCD display (x1)	6.4-inch type VGA, 640 (H) x 480 (V)
Speaker	Maria
Built-in speaker (x1)	Monaural
Remote	DO 4004 D. 1 0 1 / 1
	RS-422A: D-sub 9-pin female x1
Other	
	DC 12 V In: XLR 4-pin male x1
Supplied Accessories	LO
	Carrying Belt Connector Cap (per interface)
	Operating Instructions
	Warranty Card
	I -

- *1: The optional DSBK-170 Analog Component Input/Output Board is required.

 *2: The optional DSBK-160A SDI/i,LINK (DV) Input/Output Board is required.

 *3: The optional DSBK-150 SDTI (QSDI) Input/Output Board is required.

 *4: The optional DSBK-140 i,LINK/DV Input/Output Board or DSBK-160A SDI/i,LINK (DV) Input/Output Board is required.

DSR-50P Portable Recorder

General		
System	PAL	
DC input	XLR 4-pin (male), +12 V	
Power consumption	15 W	
Operating temperature	41 °F to 104 °F (5 °C to 40 °C)	
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)	
Tape speed	Approx. 28.2 mm/s (DVCAM mode), Approx. 18.8 mm/s (DV SP mode)	
Recording/Playback time	184 minutes (DVCAM mode), 270 minutes (DV SP mode), with PDV-184ME cassette	
	40 minutes (DVCAM mode), 60 minutes (DV SP mode), with PDVM-40ME cassette	
Weight	8 lb 9 oz (3.9 kg), excluding battery and tape	
Dimensions (W x H x D)	9 3/4 \times 3 3/4 \times 12 1/4 inches (247 \times 92.5 \times 311), excluding projections 11 \times 4 \times 12 1/2 inches (279 \times 99 \times 315 mm), including projections	
Video		
Rec mode	DVCAM/DV (SP mode only)	
PB mode	DVCAM/DV (SP mode only)	
Audio		
Rec mode	48.0 kHz/16-bit (2CH)/ 32.0 kHz/12-bit (4CH)/automatic (DV IN)	
PB mode	48.0 kHz/16-bit (2CH)/32.0 kHz/12-bit (4CH)/ 32.0 kHz/16-bit (2CH)/44.1 kHz/16-bit (2CH) (automatically selected)	
Input/Output Terminals		
Video IN Composite	1.0 Vp-p, 75 Ω, Sync negative	
S(4-pin mini DIN)	Y: 1.0 Vp-p, 75 Ω , Sync negative C: 0.3 Vp-p (subcarrier burst) 75 Ω	

Audio IN	XLR 3-pin (female) (+4 dBu/-20 dBu/-60 dBu) x 4, impedance more than 3 k Ω with +48 V power supply (independently switched for each channel)
Camera IN	26-pin camera connector
Composite	1.0 Vp-p, 75 Ω, Sync negative
Component	Y: 1.0 Vp-p, 75 Ω, Sync negative B-Y: 0.7 Vp-p, 75 Ω, R-Y: 0.7 Vp-p, 75 Ω
Reference IN	BNC, Black Burst 75 Ω, Sync negative (use Video IN)
Video OUT 1 (Monitor) Composite	BNC, 1.0 Vp-p, 75 Ω, Sync negative Superimpose On/Off
Video OUT 2 Composite	BNC, 1.0 Vp-p, 75 Ω, Sync negative
S (4-pin mini DIN)	Y: 1.0 Vp-p, 75 Ω , Sync negative C: 0.3 Vp-p (subcarrier burst) 75 Ω
Component OUT	BNC x 3 Y: 1.0 Vp-p, 75 Ω , Sync negative B-Y/R-Y: 0.7 Vp-p, 75 Ω
Audio OUT	PIN Jack x 4, -10 dBu Standard output level -18 dB from full bit
Audio OUT (Monitor)	PIN Jack
DV IN/OUT	6-pin (with lock)
Timecode IN	BNC, 0.5 to 18 Vp-p, 10 kΩ
Timecode OUT	BNC, 2.2 Vp-p, 600 Ω/1.2 Vp-p, 75 Ω
Control S	Stereo mini jack
Remote	Stereo mini jack (Edge High/Edge Low/Level High/Level Low) (Tally)
Control	Stereo mini-mini jack (compatible with LANC as a player)
Headphone jack (left side)	Stereo standard jack, -19 dBu, with Level Control
Other	
Color LCD monitor	2.5-inch type, 200,000 dots
Supplied accessories	LCD Protection Cover, Cleaning Cassette

DSR-V10P DVCAM Video Walkman Recorder

General		
Power requirements	DC 7.2 V (with battery), DC 8.4 V (with AC adaptor)	
Power consumption	11.5 W (LCD on)	
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)	
Tape speed	28.221 mm/s	
Weight	2 lb 2 oz (970 g) (without battery and tape)	
Dimensions (W x H x D)	5 7/8 x 2 1/2 x 5 3/8 inches (148 x 62 x 135 mm)	
LCD screen	5.5-inch type	
Video		
Video signal	CCIR standard, PAL color	
Video input/output Video (PIN Jack x1) S-Video (Mini DIN 4-pin x1)	Composite, 1.0 Vp-p, 75 Ω , unbalanced, sync negative Y: 1.0 Vp-p, 75 Ω , unbalanced, sync negative C: 0.3 Vp-p (subcarrier burst), 75 Ω , unbalanced	

Audio		
Audio signal	Recording: 48 kHz/16-bit, 32 kHz/12-bit Playback: 48 kHz/16-bit, 32 kHz/12-bit, 32 kHz/16-bit, 44.1 kHz/16-bit	
Audio inputs/outputs (PIN Jack x1/stereo L/R) (PIN Jack x2)	-7.5 dBs (0 dBu=0.775 Vrms)	
Others		
	i.LINK (DV): 4-pin x1, IEEE1394 LANC: Stereo mini-mini jack x1 Headphone: Stereo mini jack x1 Multi connector: 20-pin x1	
Supplied Accessories		
	AC-V700 AC Adaptor/Charger DK-415 DK Cable Carrying belt Operating Instructions	

DSRM-E1P (Edit Adaptor for DSR-V10P)		
General		
Power requirements	DC 7.2 V (supplied from DSR-V10P), DC 8.4 V (with AC Adaptor)	
Power consumption	Approx. 1.8 W	
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Storage temperature	4 °F to 140 °F (-20 °C to 60 °C)	
Weight	Main unit: 5.6 oz (160 g) Controller: 12 oz (340 g)	
Dimensions (W x H x D)	Main unit: 2 3/4 x 2 1/2 x 5 3/8 inches (69 x 61 x 134 mm) Controller: 7 1/4 x 1 11/16 x 5 1/8 inches (184 x 42 x 128 mm)	

Connectors		
	Multi connector: 20-pin x1 Control unit: Mini DIN 8-pin x1 LANC: Stereo mini-mini jack x1	
Monitor Output		
Video output (PIN Jack x1)	Composite, 1.0 Vp-p, 75 Ω , unbalanced, sync negative	
Audio output (PIN Jack x1/stereo L/R)	0.327 V, impedance 470 Ω or less	

CVX-V1P / CVX-V3P / CVX-V18NSP (Color Video Cameras for DSR-V10P)		
General		
Power requirements	DC 7.2 V (with battery), DC 8.4 V (with AC adaptor)	
Power consumption	CVX-V1P/V3P: 1.8 W CVX-V18NSP: 2.2 W	
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)	
Weight Camera head CCU (without battery)	CVX-V1P: 25 g (0.85 oz) CVX-V3P: 75 g (2.6 oz) CVX-V18NSP: 343 g (12 oz) CVX-V1P: 135 g (4.8 oz) CVX-V3P: 135 g (4.8 oz) CVX-V18NSP: 153 g (5 oz)	
Dimensions (W x H x D) Camera head	CVX-V1P: 7/8 x 23/32 x 2 3/8 inches (22 x 18 x 60 mm) CVX-V3P: 1 7/16 x 1 5/8 x 2 7/8 inches (36 x 40 x 70 mm) CVX-V18NSP: 2 1/2 x 2 5/8 x 4 5/8 inches (63 x 66 x 115 mm)	
CCU	CVX-V1P: 1 7/16 x 4 3/8 x 2 3/8 inches (35 x 110 x 60 mm) CVX-V3P: 1 7/16 x 4 3/8 x 2 3/8 inches (35 x 110 x 60 mm) CVX-V18NSP: 2 x 2 3/8 x 4 3/8 inches (50 x 59 x 110 mm)	
Camera		
Image device	1/4-inch Interline-Transfer CCD	
Effective picture elements	CVX-V1P/V3P: 440,000 pixels	
Total picture elements	CVX-V1P/V3P: 470.000 pixels CVX-V18NSP: 570.000 pixels	

Lens	CVX-V1P: F1.8 CVX-V3P: F2.8 to 4 CVX-V18NSP: F1.4	
Focal length	CVX-V1P: f=3.9 mm (35 mm conversion: 38 mm) CVX-V3P: f=3.5 mm to 10.5 mm (35 mm conversion: 35 mm to 105 mm) CVX-V18NSP: f=4.1 mm to 738 mm) CVX-V18NSP: f=4.1 mm to 738 mm)	
Minimum illumination	CVX-V1P: 2 x CVX-V3P: 5 x CVX-V18NSP: 0.7 x	
Gain selection	CVX-V1P: Auto/Hold CVX-V3P: Auto	
White balance	CVX-V1P: Auto/Hold CVX-V3P: Auto	
Shutter speed	CVX-V1P: Auto, 1/50, 1/120, 1/250, 1/500, 1/2000, 1/10000 CVX-V18NSP: Auto, 1/3, 1/6, 1/12, 1/25, 1/50, 1/75, 1/100, 1/125, 1/150, 1/215, 1/300, 1/425, 1/600, 1/1000, 1/1250, 1/1750, 1/2500, 1/3500, 1/6000, 1/10000	
Night shot (CVX-18NSP only)	IR light effective distance: 20 m (with slow shutter on), 5 m (without slow shutter)	
Others (on CCU)		
	External MIC In: Stereo mini-mini jack x1 Multi connector: 20-pin x1 Camera cable connector: 12-pin x1 (CVX-V18NSP only) Battery connector	
Supplied Accessories		
	Video Walkman Attachment Unit Operating Manual	

DSR-DU1 Video Disk Unit

General

Power requirements DC 8.4 V Power consumption 8.5 W 1 lb 5 oz (600 g) Weight Dimensions (W x H x D) 44 x 101 x 142 mm Operating temperature 0 °C to 40 °C -20 °C to 60 °C Storage temperature Less than 85 % (without dew condensation.) Operating Humidity Input/Output Terminals DV IN/OUT i.LINK x1 (IEEE1394 4-pin) 4-pin Stereo mini Jack x1 Remote DC IN Supplied Accessories Warranty card Operation manual i .LINK cable (4-pin to 4-pin) Remote controller (RM-LG2) Battery (CR2032) Case

Flexicart Multi-cassette System

General			
Power requirements	AC 100/120/220/230/240 V, 50/60 Hz		
Power consumption	600 VA		
Operating temperature	4 °F to 95 °F (5 °C to 35 °C)		
Operating humidity	25% to 80% (non-condensing)		
Weight	Approx. 551 lb 2.5 oz (250 kg) (without VTRs, cassette bin units and tapes)		
Dimensions (W x H x D)	23 5/8 x 78 x 43 inches (600 x 1980 x 1090 mm)		
Connections	Connections		
	Ref. Video In (BNC): Black burst or composite video Time code In: (BNC) Remote control interfaces: REMOTE1: RS-422A D-sub 9-pin REMOTE2: RS-232C D-sub 25-pin		
	Parallel interface: D-sub 50-pin		
Supplied Accessories			
	AC Power Cord Operation Manual Maintenance Manual Installation Manual		



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