

Index

Introduction	2
The DVCAM Format	5
The Essence of the DSR Series — Unique Technologies and Advantages	6~7
Application Examples	
Acquisition Field Editing	8
Field Editing	8~9
Studio Editing - Nonlinear	
Studio Editing - Linear	11~13
Program Playout	14
Product Features	
Acquisition	
DSR-500WS / DSR-300	
DSR-130 / DSR-1	
DSR-200A / DSR-PD100A	17
Video Production	
DSR-2000 / DSR-85	18
DSR-80 / DSR-60	19
DSR-40 / DSR-30	
DSR-20 / DRV-1000	21
Field Operation	
DSR-70 / DSR-V10	22
Program Playout	The state of
Flexicart	23
The state of the s	20 40
Feature Comparison	24~25
- Satura Companison	24-23
Optional Accessories & Peripheral Equipme	ent 26~32
The same of the same of	



33~38

Specifications.

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 arises for equipment that totally meets the crucial demands for reliability, higher productivity and greater creativity in professional video production.

Since its launch in 1996, Sony DVCAM equipment has met these challenges and ushered in 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 technology. A full model line-up for digital acquisition, editing and program playout has lead to the rapid acceptance of the DVCAM format 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.

When you select from the Sony DSR Series – you will be choosing innovative equipment to bring both new solutions to your production demands and performance benefits to your existing system.

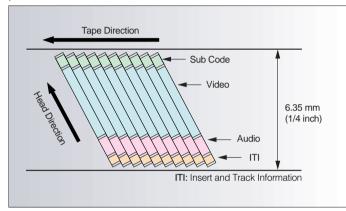




The DVCAM Format

Digital Component Recording for Excellent Picture Quality

The DVCAM format uses 8-bit digital component recording with a 5:1 compression ratio that is identical to the DV format. It also offers a sampling rate of 4:1:1 for excellent picture quality and superb multi-generation performance. The DVCAM format utilizes an intra-frame compression scheme and is based on DCT (Discrete Cosine Transform) techniques with each frame consisting of 10 tracks. Each track has video, audio, ITI (Insert and Track Information) and sub-code sectors. It is the combination of ITI – a reference signal used for precise tracking – and time code on the sub-code sector that helps to assure highly accurate editing performance.



High-Quality Digital Audio

The DVCAM format also offers superior digital audio performance that is comparable to CD quality, thanks to a wide dynamic range and excellent signal-to-noise ratio. There are two selectable audio channel modes: a two-channel mode with 48 kHz/16-bit recording or a four-channel mode with 32 kHz/12-bit recording.

Playback Compatibility with the DV Format

The DVCAM format is the professional extension of the world-wide standard DV format, with which it maintains playback compatibility. Thus all DVCAM equipment is capable of playing back DV recorded tapes* without any mechanical adaptor. A wider track pitch of 15 µm (compared with 10 µm for the DV format) and greater recording speeds give the DVCAM format higher reliability for professional editing.

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 an enhanced protection of the tape surface that is essential to avoid the possibility of tape damage during long editing sessions. Finally, DVCAM tape provides a low frequency of dropout and superior thermal stability.

A variety of cassette types is available to suit different applications. These include types with or without an IC Cassette Memory, and a Master Grade Tape. The built-in 16-kbit Cassette Memory stores ClipLink Log Data, Index Pictures, Photo mode and other shooting data that enhance editing efficiency. The tapes without IC Cassette Memory fit a wide range of applications with affordable price. The Master Grade

Tape, which uses Sony Hyper Evaticle II Magnetic Particle technology to provide higher output and lower noise, is equally suitable for high-speed 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 tape width of only 1/4 of an inch (6.35 mm).



* The DSR-200A accepts a standard-size cassette only.
The DSR-PD100A/V10 and DRV-1000 accept a mini-size cassette only.

		DVCAM	D	V		
		DVCAM	SP mode	LP mode		
Video	Video signal format		Digital component			
	Sampling frequency		Y:13.5 MHz			
	Quantization		8-bit			
	Compression ratio		5:1			
	Compression type		Intra-frame			
	Sampling structure		4:1:1			
	Video transfer rate	25 Mb/s				
Audio	Audio signal format	PCM				
	Audio recording channels		2 CH or 4 CH			
	Sampling frequency	2CH: 48 kHz, 4CH: 32 kHz	2CH: 48 kHz / 44	.1 kHz, 4CH: 32 kHz		
	Quantization		2CH: 16-bit, 4CH: 12-bit			
Таре	Tape material		Metal Evaporated or equivalent			
	Tape width		6.35 mm (1/4 inch)			
	Tape track pitch	15 µm	10 μm	7 µm		
	Tape speed	28.193 mm/s	28.193 mm/s 18.812 mm/s 12.555 mm/s			
	Cassette size		Standard size / Mini size			
	Maximum recording time	184 min. (standard size) 40 min. (mini size)	270 min. (standard size) 60 min. (mini size)	405 min. (standard size) 90 min. (mini size)		

^{*} The DSR Series, with the exception of the DSR-2000, plays back SP mode only.

The Essence of the DSR Series — Unique Technologies and Advantages

True Digital Camcorders

DSR-500WS | DSR-130 | DSR-300 | DSR-200A | DSR-PD100A

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 All DV (25 Mb/s) Format Recorded Tapes DER

For maximum versatility in a wide range of video editing environments, the DSR-2000 VTR is designed to playback all DV (25 Mb/s) format recorded tapes without any mechanical adaptor. This includes DV tapes recorded in both SP/LP modes and even DVCPRO* format tapes. Moreover, it is possible to use these tapes directly as editing source material. This handy compatibility saves time and improves productivity. as there is no need to use different VTRs for each format or dub to other formats.

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

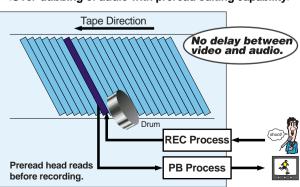
Excellent Editing Performance •Preread Editing Capability* DSR-2000

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 video switcher and an audio mixer, combined with signals from another source, such as a player, and then recorded back onto the same tracks.

This feature provides many advantages. It can be used as a sound-on-sound feature, or for audio mix/swap and over-dubbing of audio 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 In/Out) interfaces as these handle compressed signals.

<Over-dubbing of audio with preread editing capability>

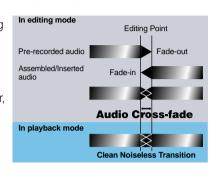


• Audio Cross-fade Capability DSR-2000 DSR-85 DSR-80



Preread heads also provide an audio cross-fade capability with clean audio transitions at editing points. During audio insert editing, previously recorded audio signals are read out by the 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, providing high quality audio to complement the video performance. Moreover, it is easily accessible; complicated manual operation is not reauired.



• Digital Jog Audio DSR-2000

A digital jog audio function is included with a range of -1 to +1 times normal speed. With its excellent, smooth audio quality, locating editing points is very easy. This is a particularly important feature for ENG applications that usually require audio-based editing.

This function is available when using any DV (25 Mb/s) format recorded tapes.

•ClipLink™ Operation



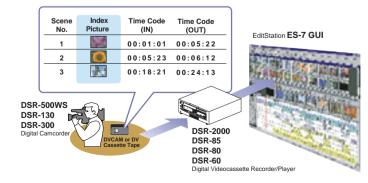




DSR-500WS DSR-130 DSR-300 DSR-2000 DSR-85 DSR-80 DSR-60 DSR-70

The ClipLink feature is a unique Sony system that conveys shooting data into the digital production process. During acquisition with DSR-500WS, DSR-300 or DSR-130 Camcorders, 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 the 'Index Picture'*, is recorded on the DVCAM tape to provide visual information associated with the time code. When a cassette is loaded into a DSR-2000, DSR-85, DSR-80, DSR-60 or DSR-70 VTR interfaced with a Sonv EditStation™ system ES-7 or ES-3, all of its shot log information is loaded from the cassette into the EditStation system, where it is displayed. This visual information enables users to quickly select the shots they need to upload to the hard disk of the EditStation system.

* The DSR-500WS/300 require an optional board to record Index Pictures.



Versatile Digital Interfaces •SDI (Serial Digital Interface)*

SDI is a broadcast standard digital interface. With just a single cable connection, high-quality picture and sound can be transferred between DSR Series VTRs and the SDI-equipped devices such as D-1. Digital Betacam® and Betacam SX® VTRs as well as nonlinear editing

- * The SDI used in DSR Series VTRs supports digital component video signals.
- ** The DSR-85/80/60/70 require optional boards for SDI.

SDTI (QSD|TM)* DSR-2000 DSR-85 DSR-80 DSR-60" DSR-70"







SDTI (QSDI) is a digital interface which 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 DSR Series VTRs and between these VTRs and the EditStation system in a nonlinear editing configuration.

In addition, the DSR-85 is able to transfer data at four times normal speed through the SDTI (QSDI) interface.

- * The SDTI (Serial Data Transport Interface) is defined as SMPTE 305M. The SDTI (QSDI) is the DV compressed signal interface which is defined as
- ** The DSR-60/70 require optional boards for SDTI (QSDI).

•i.LINK™ (DV In/Out)*



related products.

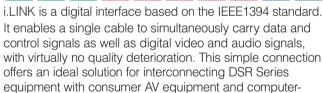












- $^{\ast}\,$ i.LINK stands for IEEE1394-1995 standards and their revisions. is the logo for products that implement i.LINK.
- ** The DSR-500WS only has an output. The DSR-2000/70 require optional boards for i.LINK connectivity.

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

•AES/EBU DSR-2000 DSR-85 DSR-80

The DSR-2000, DSR-85 and DSR-80 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.

Sophisticated Mechanisms •Quick, Responsive Mechanism





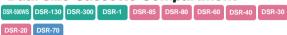


Quick mechanical response is an essential requirement for professional video production. The VTRs above have this rapid response, which is combined with the use of a highreliability direct reel drive and drum motor mechanism. In the editing environment, that always demands immediacy, this innovative mechanism releases editors from the frustration and irritation of slow operation.

•Triple-size Cassette Compartment DSR-2000

The DSR-2000 VTR incorporates a new design of triplesize 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-size DV and DVCAM cassettes, as well as medium DVCPRO cassettes, without any mechanical adaptor.

Dual-size Cassette Compartment











The above camcorders and VTRs have a dual-size cassette compartment which accepts both standard- and mini-size cassettes without any mechanical adaptor. As professional models, only Sony DVCAM camcorders have this remarkable mechanism.

• Dual Interface Mechanism DSR-1



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 with several alternative Sonv digital

and analog cameras: DXC-D30, DXC-D30WS digitally, and analog for: DXC-537, DXC-537A, DXC-327A and DXC-327B. This feature means that the DSR-1 can be configured with a variety of different cameras for a range of applications.

and sound quality.





Pro 76-pin Digital

High-speed Data Transfer Capability DSR-85

The advanced drum mechanism and SDTI (QSDI) interface enable degradation-free data transfer and dubbing at four times normal speed between the DSR-85

DSR-85 VTRs. This brings a major reduction in the time-consuming uploading and dubbing process, without loss of picture

VTR and the EditStation system ES-7, or between two

Compact, Mobile Remote Controller RM-VJ1 DSR-500WS DSR-300

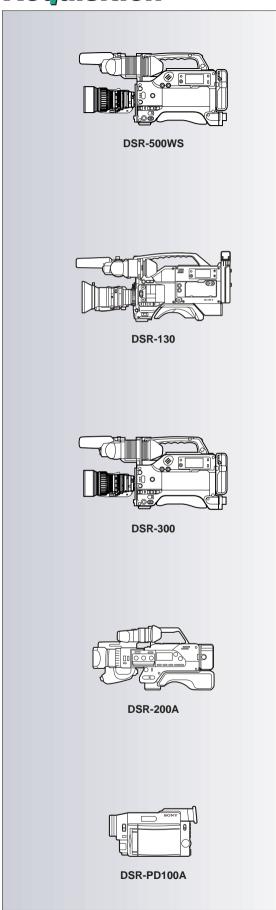
The RM-VJ1 is a compact, mobile and highly reliable remote controller with a professional microphone and an LCD screen. It connects directly to the DSR-500WS and DSR-300 Camcorders via a CCA-7-7A cable to control camcorder functions such as Rec start/stop, Rec review, Zoom control, Take/NG marking for ClipLink operation.

This unique-style controller greatly enhances operational convenience for one-person operation like video iournalists.

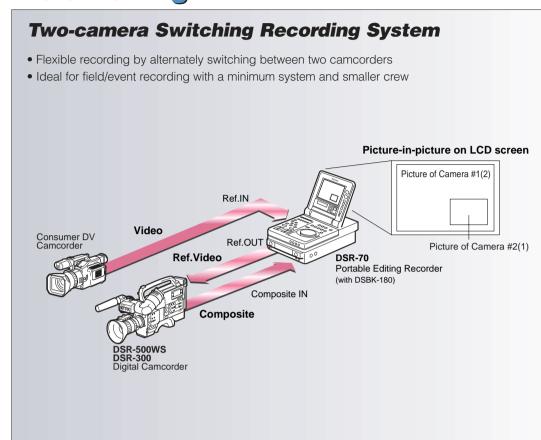
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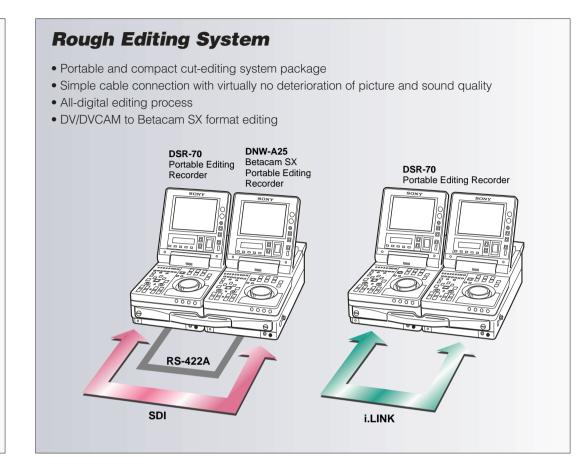
Application Examples

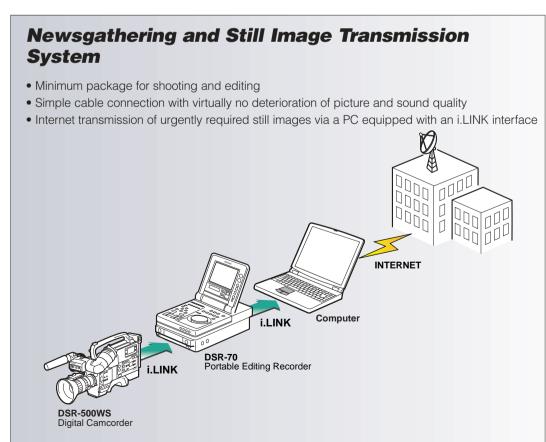
Acquisition

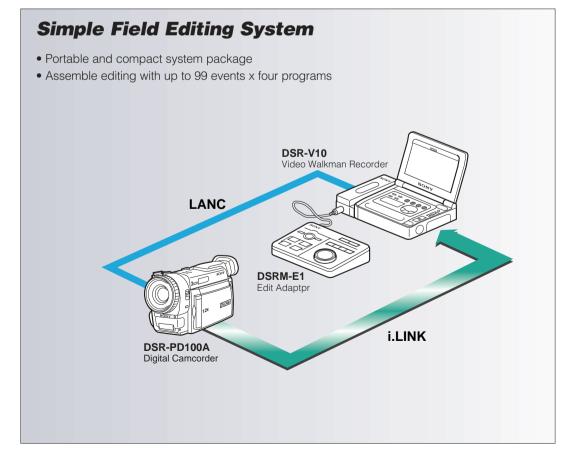


Field Editing



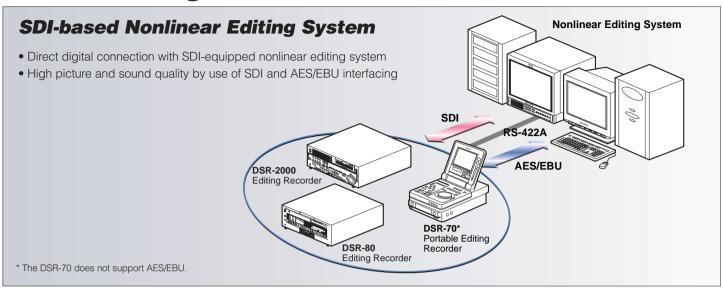


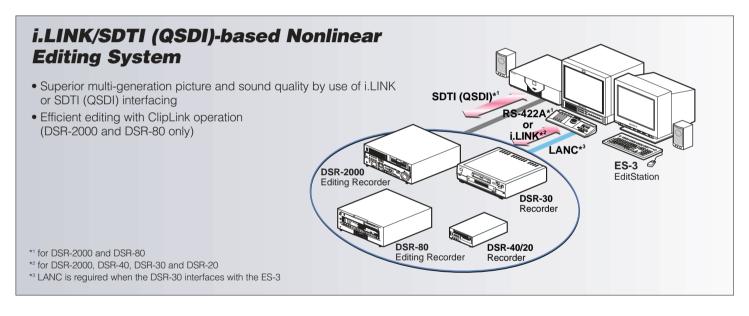


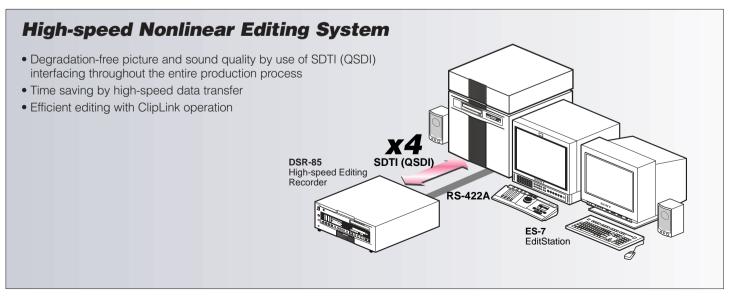


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Studio Editing — Nonlinear



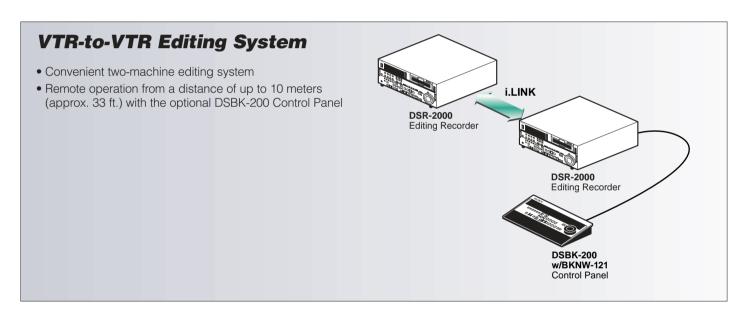


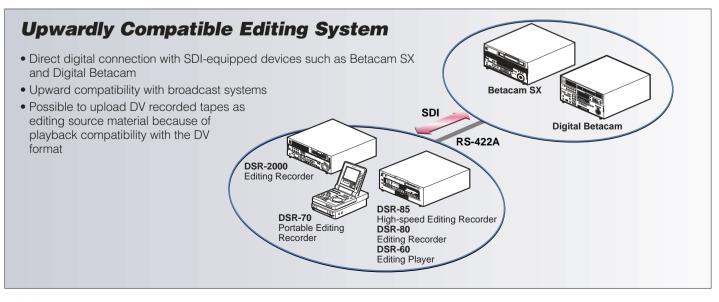


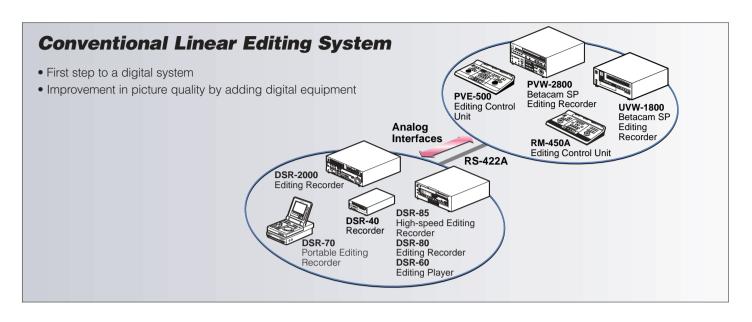
Application Examples

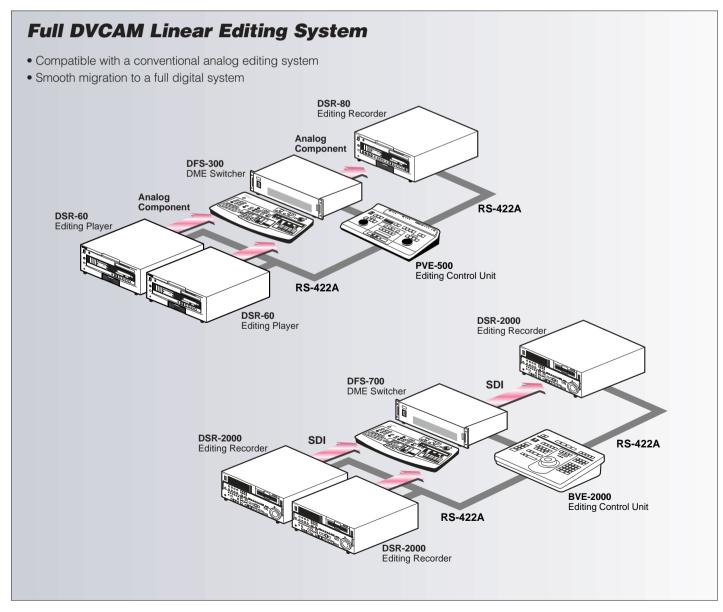
Studio Editing — Linear

Preread Editing System DSR-2000 **RS-422A** Editing Recorder (Player side) · Sound-on-sound (voice over) capability BVE-2000 • Audio cross-fade capability for clean audio **Editing Control Unit** transitions at editing points **Audio Mixer** RS-422A Audio mix/swap and over-dubbing of audio Audio with no delay between video and audio Ref.Video Ref.Video A/B roll editing with two VTRs* SDI or Ref.Video Composite/ Analog RS-422A Audio Component DVS-2000C Ref.Video DSR-2000 Digital Video Switch BVS-3200C Editing Recorder (Recorder side) Video Switcher DFS-700 DME Switcher Composite/Analog Component * MIX and WIPE only



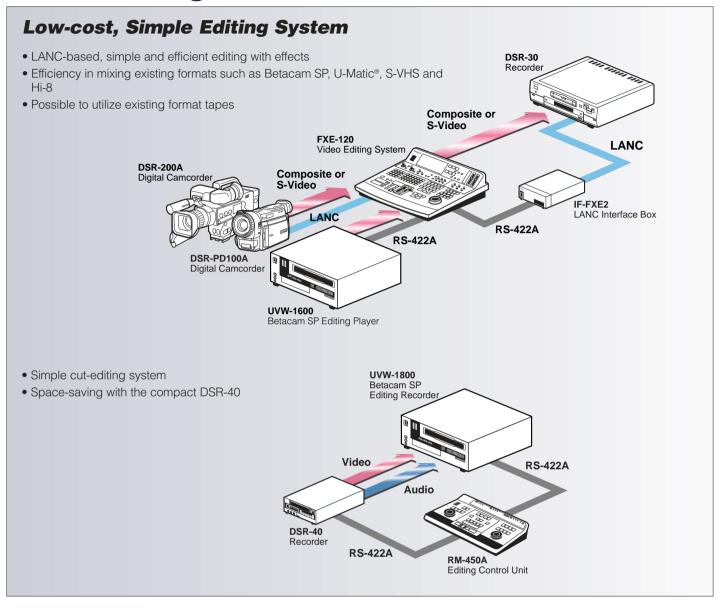


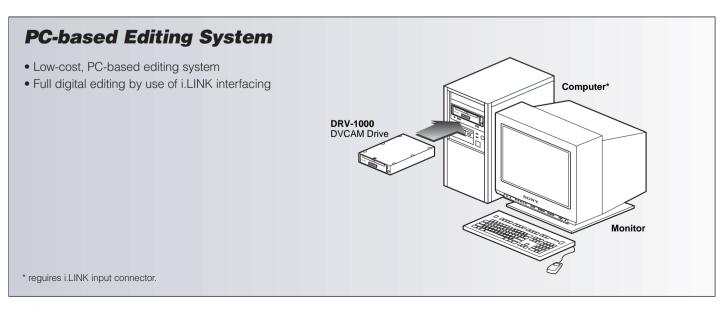




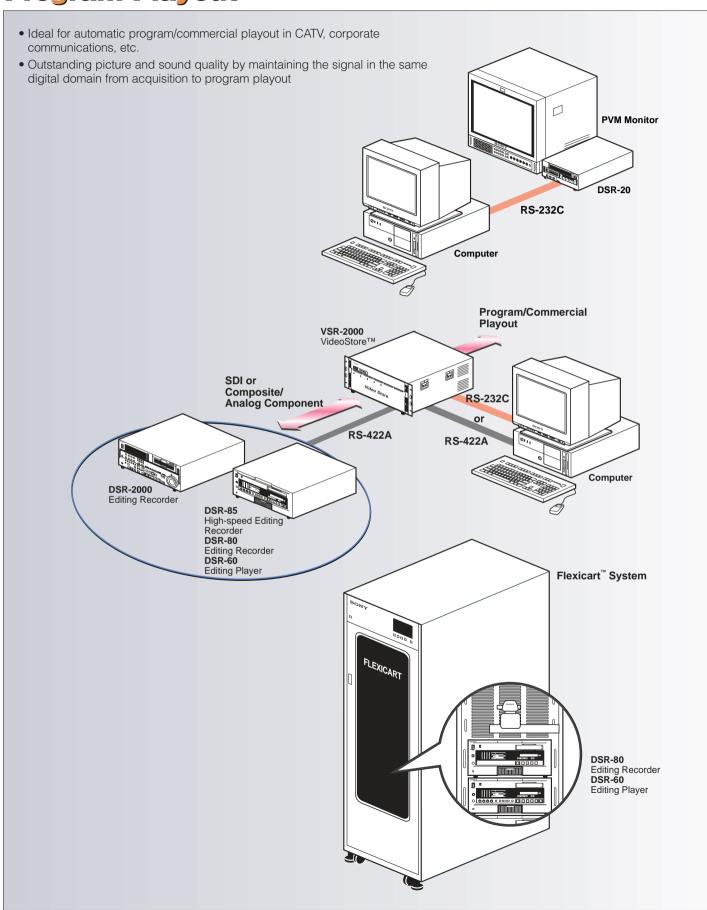
Application Examples

Studio Editing — Linear





Program Playout



Acquisition

DSR-500WS **One-piece Camcorder**

- Highly mobile one-piece design
- Compact and lightweight: 6.3 kg (13 lb 14 oz) including viewfinder, microphone, lens, battery and tape
- Compact crew package with the LC-DS300SFT Soft Carrying Case or
- LC-DS500 Hard Carrying Case

 Low power consumption: 24 W (without viewfinder)

 Three 2/3-inch Power HAD WS™ CCDs providing high quality images with low smear level, high sensitivity, high S/N ratio (63 dB) and high horizontal resolution (750/800 TV lines*1 in 16:9/4:3 mode)
- Switchable 4:3 and 16:9 aspect ratio modes
 DSP (Digital Signal Processing) full digital signal transfer from camera to VTR
- 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 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
- DynaFit™ shoulder pad for comfortable molding to any shoulder
 Video light connector for Anton Bauer Ultralight 2

- Menu control by Jog Dial operation
- Camera Setup File System
- SetupNavi™ function for Camera Setup File storage
- SetupLog[™] function for automatic recording of camera setting data
- Pool Feed operation*
- 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*
- RM-VJ1 Remote Control Unit with a professional microphone and a hand-held LCD screen for a one-person operation
- Remote control of lens*4 zoom/focus from the RM-VJ1
- Compact and lightweight BP-L40/L60A/L90A Lithium-ion Batteries
- CA-WR855 Camera Adaptor for the WRR-855A Wireless Receiver
- *1 The 750 lines horizontal resolution at 16:9 aspect ratio are actually equivalent to 1000 lines which are converted by 4:3 aspect ratio camera measurement.
- *2 The optional DSBK-501 Analog Composite Input Board is required. *3 The optional DSBK-301A Index Picture Board is required.
- *4 Focus remote control function is required.

One-piece Camcorder



- Highly mobile one-piece design
- Compact and lightweight: 5.7 kg (12 lb 9 oz) including viewfinder, microphone, lens, battery and tape
- Compact crew package with the LC-300SZ Soft Carrying Case or LC-424CP Universal, LC-424TH Hard Carrying Case
- Low power consumption: 20 W (without viewfinder)
- Three 1/2-inch Power HAD™ CCDs for low smear level, high sensitivity, high S/N ratio (62 dB) and high horizontal resolution (800 TV lines)
- 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 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
- DynaFit shoulder pad for comfortable molding to any shoulder
- Video light connector for Anton Bauer Ultralight 2
- Pool feed
- Menu control by Jog Dial operation
- SetupLog function for automatic recording of camera setting data
- 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*¹
- RM-VJ1 Remote Control Unit with a professional microphone and a hand-held LCD screen for a one-person operation
- Compact and lightweight BP-L40 Lithium-ion Battery
- CA-WR855 Camera Adaptor for the WRR-855A Wireless Receiver
- *1 The optional DSBK-301A Index Picture Board is required.

DSR-130

Two-piece Camcorder



- Combination of the DXC-D30 Digital Video Camera and the DSR-1 Dockable Recorder, equivalent to a one-piece camcorder
- Compact and lightweight: 7.3 kg (16 lb 1 oz) including viewfinder, microphone, lens, battery, tape and carrying handle
- Three 2/3-inch Power HAD CCDs for low smear level, high sensitivity and high S/N ratio (63 dB)
- 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
- 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



- Compact and lightweight: 2.85 kg (6 lb 4 oz) including battery
- Ideal operation as a digital camcorder by docking with the DXC-D30 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 any playback adaptor
- Record review function
- Frame accurate back-space editing
- Built-in SMPTE time code generator/reader
- Time base stabilizer
- Full VTR function control (Fast Forward/Rewind/Play/Stop/Eject)
- Comprehensive 8-digit LCD

Acquisition

DSR-200A One-piece Camcorder

- Compact and lightweight: 4.7 kg (10 lb 5 oz) including tape and battery holder with three battery packs
- Three 1/3-inch CCDs for accurate color reproduction
- DSP (Digital Signal Processing)
- Super SteadyShot® (optical) function for stable picture shooting without sacrificing picture quality
- 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*1
- 16:9 aspect ID signal recording
- Time/date data superimposition on output pictures
- Easy-to-use viewfinder, with high horizontal resolution

- Photo mode and frame interpolation for recording clear frame picture for seven seconds
- Audio dubbing capability (32 kHz/12-bit only)
- Time code capability
- i.LINK (DV In/Out) 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
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- RMT-806 Remote Controller (supplied accessory) for control of basic functions
- *1 The DSR-200A accepts only standard-size DVCAM and DV cassettes.



- Compact and lightweight: 1 kg (2 lb 3 oz) including battery and tape
- Three 1/4-inch CCDs with the capability to switch between Interlace Scan and Progressive Scan
- DSP (Digital Signal Processing)
- Super SteadyShot function with new optical system for stable picture shooting without sacrificing picture quality
- Extreme close-up shots with x 12 optical and x 48 digital zoom
- Manual control and a full range auto modes
- Switchable 4:3 and 16:9 recording modes
- 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*1
- Two ways of still image recording: Tape Photo Mode using the cassette tape and Memory Photo Mode using a removable memory media (Memory StickTM)
- Color 3.5-inch LCD monitor

- InfoLITHIUM[™] battery system: Lithium-ion battery power system that shows the amount of power remaining in the battery, to an accuracy of less than one minute
- Audio dubbing capability (32 kHz/12-bit only)
- i.LINK (DV In/Out) 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
- 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 The DSR-PD100A accepts only mini-size DVCAM and DV cassettes.



Video Production



- Superb picture quality of the DVCAM format
- Playback capability of all DV (25 Mb/s) recorded tapes including DV tapes recorded in LP mode and DVCPRO tapes*1 without any mechanical adaptor
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette
- Preread editing capability*2 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*3 with two VTRs
- Audio cross-fade function for clean audio transitions at editing points
- VTR-to-VTR editing without external controllers
- Wide range of digital slow speed from -1 to +1 times normal speed
- Jog audio capability
- DMC (Dynamic Motion Control) provides noiseless slow-motion playback
- High-speed picture search over a range of 60 times normal speed, in both forward and reverse
- Versatile digital interfaces: SDI, SDTI (QSDI), i.LINK (DV In/Out)*4, SDTI-CP (MPEG Out)*5 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

- Process control for highly stable video signals
- Built-in SMPTE time code and VITC generator/reader
- Channel condition monitoring function
- Built-in signal generator
- · Audio level control in both recording and playback modes
- Dial menu operation
- Key Inhibit and Rec Inhibit functions to prevent accidental operation
- Flexible input selection between video and audio*6
- Universal powering system, from AC 100 V to 240 V
- Closed caption function
- Triple-size cassette compartment to ensure compatibility with DV (25 Mb/s) recorded tapes of all sizes and types
- DSBK-200 Control Panel for remote operation from a distance of up to 10 meters (approx. 33 ft.)
- *1 SDTI (QSDI) and i.LINK (DV In/Out) interfaces do not support DVCPRO playback.
- *2 Not available through SDTI (QSDI) and i.LINK interfaces.
- *3 MIX and WIPE only
- *4 The optional DSBK-190 i.LINK/DV Input/Output Board is required.
- *5 The optional board will be available in the near future.
- *6 i.LINK 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



- 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*1, 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 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
- *1 The optional DSBK-120 SDI Input/Output Board is required.

Video Production



- 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*1, SDTI (QSDI) and AES/EBU digital audio
- Extensive analog interfaces: composite, component*2, RGB*2, S-Video and XLR audio
- RS-422A remote control interface
- ClipLink operation
- Full tape dubbing with ClipLink Log Data via SDTI (QSDI) and RS-422A interfaces

- Frame accurate editing capability
- Built-in SMPTE 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 0.39 times normal speed, in both forward and reverse
- Jog audio capability
- Closed caption function
- SIRCS (Sony Integrated Remote Control System) interface for the DSRM-10 Remote Control Unit
- *1 The optional DSBK-120 SDI Input/Output Board is required.
- *2 Selectable by a switch on the rear panel



- Superb picture quality of the DVCAM format
- Playback capability of DV recorded tapes (SP mode only)
- Versatile digital interfaces: SDI*1 and SDTI (QSDI)*2
- Extensive analog interfaces: composite, component*3, RGB*3, S-Video and XLR audio
- RS-422A remote control interface
- ClipLink operation
- Frame accurate editing capability
- Built-in SMPTE time code 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 0.32 times normal speed, in both forward and reverse
- Jog audio capability
- Auto repeat/Power-on playback function
- Closed caption function
- SIRCS (Sony Integrated Remote Control System) interface for the DSRM-10 Remote Control Unit
- $^{\ast}1$ The optional DSBK-100 SDI Output Board is required.
- *2 The optional DSBK-110 QSDI Output Board is required.
- *3 Selectable by a switch on the rear panel



- 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
- RS-422A remote control interface enables this unit to perform as the editing player in an A/B roll editing system*¹ or cutediting system
- i.LINK (DV In/Out) 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
- Full range of analog outputs: composite, component, S-Video and XLR audio
- Control S interface for remote control operation
- External Sync In connector for synchronized playback
- Auto repeat function
- Compact and lightweight (half-rack width)
- Index Points search functions (when using a cassette with IC Cassette Memory)
- *1 Since the DSR-40 is not equipped with the synchronization capability, the editing accuracy is performed by pre-roll and play.



- 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
- i.LINK (DV In/Out) 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
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- Auto repeat function
- One-program playback function to automatically rewind to the beginning of a tape and enter Standby mode

- Power-on playback/recording capabilities
- External timer recording
- Duplication mode with original time code
- Function lock to avoid accidental operation
- Built-in control tray with a Jog/Shuttle dial with a range of 1/5 to 15 times normal speed, in both forward and reverse
- Index Points search functions (when using a cassette with IC Cassette Memory)
- Clear frame picture
- RMT-DS30 Wireless Remote Controller (supplied accessory) for control of basic functions
- Headphone/microphone connections

Video Production



- 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
- i.LINK (DV In/Out) 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
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- RS-232C and Control S interfaces for remote control operation
- External Sync*1 In connector for synchronized playback

- Auto repeat function
- Power-on playback/recording capabilities
- Duplication mode with original time code
- Compact and lightweight (half-rack width)
- AC/DC operation
- Index Points search functions (when using a cassette with IC Cassette Memory)
- RMT-DS20 Wireless Remote Controller (supplied accessory) for control of basic functions
- *1 The DSR-20 locks to V-sync only.



- Superb picture quality of the DVCAM format
- Playback capability of DV recorded tapes (SP mode only)
- Designed to fit in a standard 5.25-inch disk drive PC bay
- i.LINK (DV In/Out) 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
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- Analog video and audio outputs
- DC power operation

Field Operation

DSR-70Portable 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 standardsize cassette and 40 minutes with a mini-size cassette
- Compact, all-in-one package including a 6.4-inch VGA LCD monitor, a full cut-editing controller with a Jog/Shuttle dial and an audio speaker
- VTR-to-VTR editing as a double deck editor by docking two DSR-70 units or a DSR-70 and a DNW-A25 Betacam SX portable editing recorder
- Two-camera switching recording*1
- Sequential recording for up to six hours in the double deck configuration
- Parallel-run recording to make two docked DSR-70 units record simultaneously
- 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
- Full tape dubbing with ClipLink Log Data via SDTI (QSDI) and RS-422A interfaces
- Versatile digital interfaces: SDI*2, SDTI (QSDI)*3 and i.LINK (DV In/Out)*4

- RS-422A remote control interface
- Frame accurate editing capability
- Built-in SMPTE time code generator/reader
- Process control for highly stable video signals
- High-speed picture search over a range of 32 times normal speed, in both forward and reverse
- Digital slow function over a range of 0 to 0.5 times normal speed, in both forward and reverse
- Jog audio capability
- Two-way power supply system for operation on either AC*6 or DC power
- 16:9 and 4:3 switchable
- Closed caption function
- *1 The optional DSBK-180 Dual Video Input Board is required.
- *2 The optional DSBK-160 SDI 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 is required.
- *5 The optional DSBK-170 Analog Component Input/Output Board is required. *6 AC adaptor is required.

Note: Optional interface boards (DSBK-140/150/160/170) cannot be used in combination with each other.

However, these boards can be used together with the optional DSBK-180.

DSR-V10

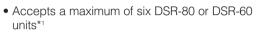
DVCAM Video Walkman® Recorder



- 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*1
- Compact and lightweight: 970 g (2 lb 2 oz) without battery and tape
- Built-in 5.5-inch LCD monitor
- InfoLITHIUM battery system: Lithium-ion battery power system
 that shows the amount of power remaining in the battery, to an
 accuracy of less than one minute
- i.LINK (DV In/Out) 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
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- Assemble editing with up to 99 events x four programs with the optional DSRM-E1 Edit Adaptor
- Auto repeat function
- Duplication mode with original time code
- Hands-free shooting capability with the optional CVX-V1/V3/ V18NS Mini Camera
- *1 The DSR-V10 accepts only mini-size DVCAM and DV cassettes.

Program Playout

Flexicart Multi-cassette System



- 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	VTR	Cassette Bin Unit	Configuration (VTR/Bin Unit ratio)		Standard-size Cassette
VTRs	Mount Kit		VTRs	Bin Units (4U high)	Capacity
			1	7	147
			2	7	147
DSR-80	DSR-80 BKFC-54 DSR-60	BKFC-21DV	3	6	126
DSR-60		BKFC-210*2	4	5	105
			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 of Camcorders

	DSR-500WS	DSR-130	DSR-300	DSR-200A	DSR-PD100A
Cassette					
Standard-size cassette	•	•	•	•	-
Mini-size cassette	•	•	•	-	•
Camera Section					
mage device	Three 2/3-inch Power HAD WS CCDs	Three 2/3-inch Power HAD CCDs	Three 1/2-inch Power HAD CCDs	Three 1/3-inch CCDs	Three 1/4-inch CCDs
16:9 aspect ratio	•	-	-	•	•
TruEye process	•	•	•	-	-
DynaLatitude process	•	•	•	-	-
Skin Detail	•	•	•	-	-
TLCS (Total Level Control System)	•	•	•	-	-
ATW (Auto Tracing White Balance)	•	•	•	•	•
EZ Mode	•	•	•	-	-
EZ Focus	•	•	•	-	-
Camera Setup File system	•	•	-	-	-
SetupNavi	•	•	-	-	-
SetupLog	•	•	•	-	-
Super SteadyShot	-	-	-	•	•
DynaFit shoulder pad	•	-	•	-	-
VTR Section					
ClipLink	•	•	•	-	-
Freeze mix	•	•	•	-	_
Photo mode	-	-	-	•	•
interface					
LINK (DV In/Out)	•"	-	-	•	•
LANC	_	_	_	•	0

^{*1} Output only

: Available: Not available

Feature Comparison of Studio VTRs

	DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40	DSR-30	DSR-20
Cassette							
Standard-size cassette	0	0	0	0	•	0	•
Mini-size cassette	0	0	0	•	•	0	•
DVCPRO Medium-size cassete	0	-	-	-	-	-	-
Digital Interface							
SDI	•	(Option)	(Option)	(Option)	-	-	-
SDTI (QSDI)	•	•	•	(Option)	-	-	-
LLINK (DV In/Out)	(Option)	-	-	-	•	•	•
AES/EBU	•	0	•	-	-	-	-
Analog Interface							
Composite	9	9	9	•"	9	9	9
Component	9	9	9	9 **	9"	-	-
S-Video	9	9	•	•"	•	•	•
RGB	-	-	0	•"	-	-	-
Remote Control Interface							
RS-422A	•	0	0	0	0 **	-	-
RS-232C	-	-	-	-	-	-	9
LANC	-	-	-	-	-	0	•
Control S	-	9	9	0	0 "	0	9
Editing Capability							
Preread editing	•	-	-	-	-	-	-
Assemble editing	•	9	9	-	-	•	-
Insert editing	(Video/Audio/TC)	(Video/Audio/TC)	(Video/Audio/TC)	-	-	(Video/Audio)	-
VITC	9	-	-	-	-	-	-
Time code input/output	•	(Option)	(Option)	(Option)	-	-	-
ClipLink	9	9	9	0	-	-	-
High-speed data transfer	-	9	-	-	-	-	-
Search speed	X ±60	X ±32	x ±32	× ±32	x ±15	X ±15	X ±15
Digital slow	X ±1	x ±0 to 0.24	x ±0 to 0.39	x ±0 to 0.32	x ±1/10, 1/5	x ±1/10, 1/5	x ±1/10, 1/5
Others							
DV playback capability	(SP)LP)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)	(SP only)
DVCPRO playback capability	•	-	-	-	-	-	-
Auto repeat/ Power-on playback/recording	-	-	-	•	9	•	•
Index Points search	-	-	-	-	9	•	9
Closed caption	•	-	•	•	-	-	-

^{*1} Output only

: Available— : Not available

^{*2} As a player only

^{*3} Input only

^{*4} Power-on playback only

Optional Accessories & Peripheral Equipment





RM-VJ1 Remote Control Unit

DSR-500WS DSR-300



RM-M7G Remote Control Unit

DSR-500WS DSR-130 DSR-300



RM-LG1 Remote Control Unit

DSR-500WS DSR-130 DSR-300



BP-L40 Rechargeable Battery Pack

DSR-500WS DSR-130 DSR-300 DSR-1



BP-L60A/L90A Rechargeable Battery Pack

DSR-500WS DSR-130 DSR-300 DSR-1





NP-1B Rechargeable Battery Pack

DSR-500WS DSR-130 DSR-300 DSR-1



BP-90A Rechargeable Battery Pack

DSR-500WS DSR-130 DSR-300 DSR-1



Rechargeable Battery Pack



NP-F750/F550 Rechargeable Battery Pack



BKW-L601 Battery Adaptor for BP-L40/L60A/L90A



DC-520 Battery Adaptor for NP-1B



DC-500 Battery Adaptor for BP-90A

DSR-130 DSR-1



DC-210 Battery Adaptor for BP-90A (waist belt type)

DSR-130 DSR-1



DC-L1 Battery Adaptor for NP-1B

DSR-500WS DSR-130 DSR-300 DSR-1



DC-L90 Battery Adaptor for BP-90A

DSR-500WS DSR-130 DSR-300 DSR-1



NPA-10000/B Battery Adatptor for three NP-F950s



BC-L100 Battery Charger for BP-L40/L60A/L90A/NP-1B/BP-90A

DSR-500WS DSR-130 DSR-300 DSR-1



BC-L50 Battery Charger for BP-L40/L60A/L90A

DSR-500WS DSR-130 DSR-300 DSR-1



BC-1WD Battery Charger for four NP-1Bs

DSR-500WS DSR-130 DSR-300 DSR-1



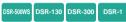
Optional Accessories & Peripheral Equipment



BC-410 Battery Charger for four NP-1Bs/BP-90As









ACC KIT-201 Accessory Kit for DSR-200A



CMA-8A

Camera Adaptor







AC-550 AC Adaptor

DSR-500WS DSR-130 DSR-300 DSR-1







AC-DN1 AC Adaptor





AC-DN2A AC Adaptor





AC-V900/B

AC Adaptor/Charger

DSR-200A



ECM-672/670

Elecret Condenser Microphone









C-74 Condenser Microphone

DSR-130



EC-0.5C2 Microphone Cable

DSR-130 DSR-PD100A



CAC-12

Microphone Holder





WRR-855A

UHF Synthesized Tuner

















WRR-805A UHF Synthesized Tuner

DSR-200A DSR-PD100A



CA-WR855 Adaptor for WRR-855A

DSR-500WS DSR-300



BTA-801 Adaptor for WRR-855A





DSBK-201 Adaptor for WRR-810A

DSR-200A



DXF-701WS 1.5-inch Monochrome Viewfinder

DSR-500WS DSR-130 DSR-300



DXF-51 5-inch Monochrome Viewfinder

DSR-500WS DSR-130 DSR-300



VCT-U14 Tripod Adaptor







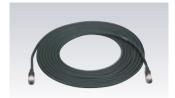






CAC-4 Chest Pad

DSR-130



CCA-7 Camera Remote Control Cable

DSR-500WS DSR-130 DSR-300



CCQX-3 Connecting Cable

DSR-500WS DSR-130 DSR-300



CCZ-A2/A5/A10 Connecting Cable (26-pin - 26-pin)





CCZQ-A2/A5/A10 Connecting Cable (26-pin - 14-pin)

DSR-130



CCF-3L DV Cable (6-pin with lock - 6-pin)



CCFD-3L DV Cable (6-pin with lock - 4-pin)

DSR-500WS DSR-200A DSR-PD100A



VMC-IL4415/IL4435

i.LINK Cable (4-pin - 4-pin, 1.5 m/3.5 m)

DSR-200A DSR-PD100A



VMC-IL4615/IL4635 i.LINK Cable (4-pin - 6-pin, 1.5 m/3.5 m)

DSR-500WS DSR-200A DSR-PD100A



LC-DS300SFT Carrying Case (soft type)

DSR-500WS DSR-130 DSR-300



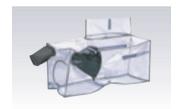
LC-DS500 Carrying Case (hard type)

DSR-500WS DSR-300



LC-421 Carrying Case (hard type)

DSR-130 DSR-300



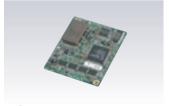
LCR-1 Rain Cover

DSR-500WS DSR-130 DSR-300



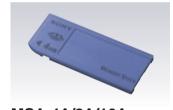
DSBK-301A Index Picture Board

DSR-500WS DSR-300



DSBK-501 Analog Composite Input Board

DSR-500WS



MSA-4A/8A/16A Memory Stick (4 MB/8 MB/16 MB)





DSBK-100 SDI Output Board



DSBK-110 QSDI Output Board

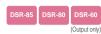


DSBK-120 SDI Input/Output Board

Optional Accessories & Peripheral Equipment



DSBK-130 Time Code Input/Output Board





DSBK-190 i.LINK/DV Input/Output Board



DSBK-200

Control Panel



ES-7

EditStation



ES-3 EditStation





BVE-2000

Editing Control Unit



PVE-500

Editing Control Unit



RM-450A

Editing Control Unit



DVS-2000C

Digital Video Switcher



BVS-3200C

Video Switcher



DFS-700

DME Switcher



DFS-300

DME Switcher



FXE-120

Video Editing System



DSRM-10

Remote Control Unit

DSR-80 DSR-60



DSRM-20

Remote Control Unit

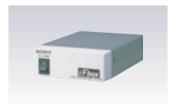
DSR-40 DSR-30 DSR-20



UVR-60P

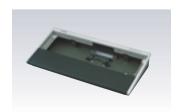
TBC Remote Control Unit

DSR-85 DSR-80 DSR-60



IF-FXE2 LANC Interface Box





BKNW-121 Control Panel Case



RMM-130 Rack Mount Kit

DSR-2000 DSR-85 DSR-80



RCC-5G/10G/30G Remote Control Cable (5 m/10 m/30 m)











CCF-3L DV Cable (6-pin with lock - 6-pin)



CCFD-3L DV Cable (6-pin with lock - 4-pin)

DSR-2000 DSR-40 DSR-30 DSR-20



i.LINK Cable (4-pin - 4-pin, 1.5 m/3.5 m)

DSR-40 DSR-30 DSR-20





DSR-2000 DSR-40 DSR-30 DSR-20









DSRM-E1 Edit Adaptor



CVX-V1 Color Video Camera

DSR-V10



CVX-V3 Color Video Camera

DSR-V10

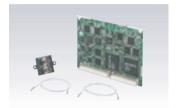


CVX-V18NS Color Video Camera

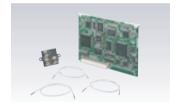
DSR-V10



DSBK-140 i.LINK/DV Input/Output Board



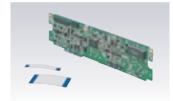
DSBK-150 SDTI (QSDI) Input/Output Board



DSBK-160 SDI Input/Output Board



DSBK-170 Analog Component Input/Output Board



DSBK-180 Dual Video Input Board



BP-L60A/L90A Rechargeable Battery Pack



NP-F950/B Rechargeable Battery Pack



NP-F750 Rechargeable Battery Pack

DSR-V10



BC-L50 Battery Charger for BP-L60A/L90A



BC-L100 Battery Charger for BP-L60A/L90A



AC-V700 AC Adaptor/Charger

DSR-V10

Optional Accessories & Peripheral Equipment



CMA-8A Camera Adaptor





AC-550 AC Adaptor



AC-DN2A

AC Adaptor





BKNW-225

Docking Kit



RCC-5G/10G/30G

Remote Control Cable (5 m/10 m/30 m)





CCF-3L

DV Cable (6-pin wiht lock - 6-pin)





CCFD-3L

DV Cable (6-pin with lock - 4-pin)





VMC-IL4415/IL4435

i.LINK Cable (4-pin - 4-pin, 1.5 m/3.5 m)



VMC-IL4615/IL4635

i.LINK Cable (4-pin - 6-pin, 1.5 m/3.5 m)





LC-DN220

Carrying Case



AC Adaptor/Chager

DSR-V10P

DC-VQ800

DC Adaptor/Chager

DSR-V10P

Note: The connector on one end of the CCF-3L/CCFD-3L DV Cables has a locking mechanism, and is attached to a DV connector with the same locking mechanism such as the DSR-500WS and DSR-2000.





32ME/40ME

Digital Video Cassette (Mini size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-PD100A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR-30	DSR-20	DRV-1000	DSR-70	DSR-V10



PDV-34ME/64ME/ 94ME/124ME/184ME

Digital Video Cassette (Standard size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-200A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR-30	DSR-20	DSR-70		



PDVM-32N/40N

Digital Video Cassette (Non IC type/Mini size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-PD100A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR-30	DSR-20	DRV-1000	DSR-70	DSR-V10



PDV-64N/124N/184N

Digital Video Cassete (Non IC type/Standard size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-200A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR-30	DSR-20	DSR-70		



PDVM-32MEM/40MEM

Digital Video Cassete (Master tape/Mini size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-PD100A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR-30	DSR-20	DRV-1000	DSR-70	DSR-V10



PDV-64MEM/124MEM/ **184MEM**

Digital Video Cassete (Master tape/Standard size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-200A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR-30	DSR-20	DSR-70		



PDVM-12CL

Cleaning Cassete Tape (Mini size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-PD100A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR30	DSR-20	DRV-1000	DSR-70	DSR-V10

PDV-12CL

Cleaning Cassete Tape (Standard size)

DSR-500WS	DSR-130	DSR-300	DSR-1	DSR-200A
DSR-2000	DSR-85	DSR-80	DSR-60	DSR-40
DSR30	DSR-20	DSR-70		

Specifications

DSR-500WS/DSR-130/DSR-300 Camcorders

Conoral	DSR-500WS	DSR-130	DSR-300
General Power requirements		DC 12 V (11 to 17 V)	
ower consumption	26.1 W (with VF), 24 W (without VF)	24.8 W (with VF)	22.1 W (with VF), 20 W (without VF)
perating temperature		0 °C to 40 °C (32 °F to 104 °F)	
torage temperature ape speed		-20 °C to 60 °C (-4 °F to 140 °F) 28.193 mm/s	
ecording/Playback time	Sta	Indard size: 184 min. with PDV-184ME/184N/184MEM	
	Mir	ni size: 40 min. with PDVM-40ME/40N/40MEM	
ast forward/Rewind time		indard size: approx. 12 min. with PDV-184ME/184N/18	34MEM
Continuous recording time	Approx. 70 min. with BP-L40	ni size: approx. 3 min. with PDVM-40ME/40N/40MEM Approx. 60 min with NP-1B	Approx. 80 min. with BP-L40
ontinuous recording time	Approx. 140 min. with BP-L60A	7,pprox. 66 mm marra 15	Approx. 180 min. with BP-L60A
Voight	Approx. 230 min. with BP-L90A 6.3 kg (13 lb 14 oz)	7.3 kg (16 lb 1 oz)	Approx. 290 min. with BP-L90A
Veight	(with VF, microphone, lens, battery and tape)	(with VF, microphone, lens, battery, tape and carrying handle)	5.7 kg (12 lb 9 oz) (with VF, microphone, lens, battery and tape)
Dimensions (W x H x D)	121 x 192 x 280 mm	121 x 206 x 344 mm	121 x 192 x 270 mm
	(4 7/8 x 7 5/8 x 11 1/8 inches) (without projections)	(4 7/8 x 8 1/8 x 13 5/8 inches)	(4 7/8 x 7 5/8 x 10 3/4 inches) (without projection
	242 x 247 x 547 mm (9 5/8 x 9 3/4 x 21 5/8 inches) (with projections)		242 x 247 x 534 mm (9 5/8 x 9 3/4 x 21 1/8 inches) (with projections
amera Section	(9 3/0 x 9 3/4 x 21 3/0 literies) (with projections)		(9 3/6 x 9 3/4 x 21 1/6 inches) (with projections
nage device	3-chip 2/3-inch, Interline-Transfer CCD	3-chip 2/3-inch, Interline-Transfer CCD	3-chip 1/2-inch, Interline-Transfer CCD
ptics		F1.4 medium index prism system	
ffective picture elements	980 (H) x 494 (V)		x 494 (V)
ental picture elements ensing area	1038 (H) x 504 (V) 9.6 mm x 5.4 mm	6.6 mm x 8.8 mm (equivalent to a 2/3-inch pickup tube)	x 508 (V) 6.4 mm x 4.8 mm (equivalent to a 1/2-inch pickup tube
uilt-in filters	1: 3200 K/3000 K 2: 5600 K+1/8 ND	1: 3200 K 2: 5600 K+1/8 ND	1: 3200 K/3000 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
ens mount	Sony 2/3-inch bayonet mount	Sony 2/3-inch bayonet mount	Sony 1/2-inch bayonet mount
ignal system canning system		NTSC color system 2:1 interlaced, 525 lines, 60 fields/s	
orizontal frequency		2.1 interfaced, 525 lines, 60 fields/s	
ertical frequency		59.94 Hz	
ync system		Internal and external with VBS or BS signal	
lorizontal resolution	16:9 mode: 750 TV lines 4:3 mode: 800 TV lines	850 TV lines 400 TV lines (without EVS), 450 TV lines (with EVS)	800 TV lines
ertical resolution Minimum illumination		0.5 lx with F1.4, Hyper gain (30 dB+DPR)*1	
minian manination		0.8 lx with F1.8, Hyper gain (30 dB+DPR)*1	
ensitivity		F11 at 2000 lx (3200 K, 89.9% reflectance) (typical)	
ain selection	-3 dB, 0 dB, 3 dB, 6 dB, 9	dB, 12 dB, 18 dB, 18 dB+DPR, 24 dB, 24 dB+DPR,	Hyper gain (30 dB+DPR)*1
nutter speed selection /N ratio	63 dB (typical)	OFF, 1/100, 1/250, 1/500, 1/1000, 1/2000 s 63 dB (typical)	62 dB (typical)
egistration	oo db (typical)	0.05% (all zones, without lens)	oz db (typicai)
eometric distortion		Below measurable level	
TR Section			
/ideo performance*2 Bandwidth	Luminanaa, 20 k	Hz to 5.0 MHz ±1.0 dB Chrominance: 30 Hz to 1.5	MHz : 1 0/ 5 0 dB
S/N ratio	Eurimance. 30 P	More than 55 dB	WITZ + 1.0/-5.0 dB
K-factor (K2T, KPB)			
		Less than 2.0%	
Y/C delay		Less than 2.0% Less than 30 ns	
Y/C delay Audio performance*2	2 CH mode (48 kHz/16 hit): 20 h	Less than 30 ns	it): 20 Hz to 14 E kHz + 0 E/ 1 0 dB
Y/C delay audio performance*2 Frequency response	2 CH mode (48 kHz/16-bit): 20 H	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b	it): 20 Hz to 14.5 kHz +0.5/-1.0 dB
Y/C delay kudio performance*2 Frequency response Dynamic range Distortion (THD)	2 CH mode (48 kHz/16-bit): 20 H	Less than 30 ns	it): 20 Hz to 14.5 kHz +0.5/-1.0 dB
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) put/Output Connectors		Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB	
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) put/Output Connectors	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) Genlock Video In: BNC, 1.0 Vp-p, 75 Ω	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω
Y/C delay Audio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors		Less than 30 ns iz to 20 kHz +0.5/-1.0 dB	
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) put/Output Connectors	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 _60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) put/Output Connectors	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB	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
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) put/Output Connectors	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 _60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 k Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 k Ω	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 k Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω
Y/C delay vaudio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 k Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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	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 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 k Ω Video Out: BNC, 1.0 Vp-p, sync negative, 75 Ω 26-pin male
Y/C delay vaudio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30:	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.7 Vp-p	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 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 $\times 2$ -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O: 7 Vp-p
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: O.7 Vp-p	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: Y: 1.0 Vp-p, sync negative Y/R-Y/B-Y: 9.7 Vp-p
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSRK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level)	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2-60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level)
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-Y/B-Y: Y: 1.0 Vp-p, sync negative YR-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 1394-based	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: VBS: 1.0 Vp-p, sync negative Y/R-Y/B-Y: Y: 1.0 Vp-p, sync negative R-Y/B-Y: O.7 Vp-p	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: Y: 1.0 Vp-p, sync negative Y/R-Y/B-Y: 9.7 Vp-p
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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-based Audio CH-1/2: Phono, -10 dBu, 47 k Ω	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) RGB: 1.4 Vp-p Video 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 female x2 -60 dBu, 3 Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 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 Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 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-based Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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: 10 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	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 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 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 Audio CH-1/2: Phono, -10 dBu, 47 k Ω
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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-based Audio CH-1/2: Phono, -10 dBu, 47 k Ω	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) 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	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 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 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 Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω
Y/C delay udio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 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-based Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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: 0.286 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	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 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 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 Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THID) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: Or 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 1394-based Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) RGB: 1.4 Vp-p Video Out: BNC, 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) A-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	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 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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 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, 75 Ω
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THID) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.266 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394-based 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	Less than 30 ns iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΔ ±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 to DXC-D30: VBS: 1.0 Vp-p, sync negative 27/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) RGB: 1.4 Vp-p Video: DIN 4-pin Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (burst level) 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	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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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 Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, 75 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THD) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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-based 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, 75 Ω	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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: 0.286 Vp-p (burst level) RGB: 1.4 Vp-p Video Out: BNC, 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 Earphone: 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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 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 male Battery Terminal: 5-pin
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THID) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 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-based Audio CH-1/2: Phono, -10 dBu, 47 k Ω 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	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) 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	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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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 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
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THD) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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-based 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	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) AGB: 1.4 Vp-p Video Out: BNC, 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	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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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 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 male Battery Terminal: 5-pin Earphone: Mini jack Light Out: 2-pin female
Y/C delay sudio performance*2 Frequency response Dynamic range Distortion (THID) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female ×2 -60 dBu, 3 κΩ ±4 dBu, 10 κΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 κΩ 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-based 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, 75 Ω DC In: XLR 4-pin male DC Out: XLR 4-pin female Battery Terminal: 5-pin Earphone: Mini jack Light Out: 7-pin Lens: 12-pin female	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) 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	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 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 Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, sync negative, 75 Ω COut: 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 female WRR Out: 7-pin hot-shoe type or 12-pin
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THID) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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, IEEE 1394-based 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: 7-pin Lens: 12-pin VF: 20-pin	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) 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 Remolet: 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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 RYB-YB-Y: Y: 1.0 Vp-p, sync negative R-Yβ-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 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: 7-pin Lens: 14-pin hot-shoe type or 12-pin Vf: 20-pin
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THID) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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-based 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, 75 Ω	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) 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 Remolet: 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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 Y/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 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: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack
Y/C delay valuio performance* Frequency response Dynamic range Distortion (THD) nput/Output Connectors Gignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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, IEEE 1394-based 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: 7-pin Lens: 12-pin VF: 20-pin	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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 V/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 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 Earphone: Mini jack Lens: 12-pin Remote1: Stereo mini jack Remote2: 10-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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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/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 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, 5 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: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin
Y/C delay Audio performance* ² Frequency response Dynamic range	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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-based 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, 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	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: VBS: 1.0 Vp-p, sync negative YR-YB-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) 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	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 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: 0.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative R-Y/B-Y: 0.7 Vp-p Sync negative C: 0.286 Vp-p (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω Audio CH-1/2: Phono, -10 dBu, 47 k Ω Monitor Out: BNC, 1.0 Vp-p, 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: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin
Y/C delay valuio performance* Frequency response Dynamic range Distortion (THD) nput/Output Connectors Gignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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 1394-based 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: 7-pin Lens: 12-pin VF: 20-pin Remote 2: 10-pin DXF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1)	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) RGB: 1.4 Vp-p Video Out: BNC, 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 female Earphone: Mini jack Lens: 12-pin VF: 8-pin, 20-pin Remote1: Stereo mini jack Remote2: 10-pin	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-Y/B-Y: V: 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 Sync negative R-Y/B-Y: 0.7 Vp-p Sync negative R-Y/B-Y: 0.7 Vp-p, Sync negative R-Y/B-Y: 0.7 Vp-p, Sync negative R-Y/B-Y: 0.7 Vp-p, 5Ω 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, 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: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin
Y/C delay sudio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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-based 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: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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: 0.286 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	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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.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 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: 7-pin Lens: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THD) put/Output Connectors ignal inputs ignal outputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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, IEEE 1394-based Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 55 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male 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 DXF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripod Adaptor (1) Microphone (1), Lens mount cap (1)	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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) 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 LC-421 Carrying Case (1) (for DSR-130F1) DXF-701WS Viewfinder (1) VCL-918BY Zoom Lens (1) (for DSR-130F1/130K1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripod Adaptor (1)	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 MIC In: XLR 3-pin female male x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 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 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: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin LC-DS300SFT Soft Carrying Case (1) (for DSR-30 DXF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripod Adaptor (1)
Y/C delay sudio performance*2 Frequency response Dynamic range Distortion (THD) nput/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-y (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394-based 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: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin DXF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripood Adaptor (1) Microphone (1), Wind screen (1) Shoulder strap (1), Lens mount cap (1) Flange focal length adjustment test chart (1)	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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: 0.286 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 LC-421 Carrying Case (1) (for DSR-130F1) DXF-701WS Viewfinder (1) VCL-918BY Zoom Lens (1) (for DSR-130F1/130K1) RM-LG1 Remote Control Unit (1) VCT-U14 Tirpod Adaptor (1) Microphone (1), Shoulder strap (1)	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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 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: 7-pin Lens: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin LC-DS300SFT Soft Carrying Case (1) (for DSR-300F/300F) XF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripod Adaptor (1) Microphone (1), Wind screen (1)
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THD) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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, IEEE 1394-based Audio CH-1/2: Phono, -10 dBu, 47 kΩ Monitor Out: BNC, 1.0 Vp-p, 55 Ω TC Out: BNC, 1.0 Vp-p, 75 Ω DC In: XLR 4-pin male 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 DXF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripod Adaptor (1) Microphone (1), Lens mount cap (1)	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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: 0.286 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	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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 YR-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 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, sync negative, 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: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin LC-DS300SFT Soft Carrying Case (1) (for DSR-300F/300F) XNL-G1 Remote Control Unit (1) VCT-U14 Tripod Adaptor (1) Microphone (1), Wind screen (1) Shoulder strap (1), Lens mount cap (1)
Y/C delay udio performance*² Frequency response Dynamic range Distortion (THD) put/Output Connectors ignal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Analog Video In: BNC, 1.0 Vp-p, 75 Ω (with DSBK-501 optional board installed) Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 kΩ ±4 dBu, 10 kΩ MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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: O.7 Vp-p Y/C: Y: 1.0 Vp-p, sync negative C: 0.286 Vp-y (burst level) S-Video: DIN 4-pin, 1.0 Vp-p, 75 Ω DV Out: 6-pin, IEEE1394-based 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: 7-pin Lens: 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin DXF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripood Adaptor (1) Microphone (1), Wind screen (1) Shoulder strap (1), Lens mount cap (1) Flange focal length adjustment test chart (1)	Less than 30 ns Iz to 20 kHz +0.5/-1.0 dB 4 CH mode (32 kHz/12-b More than 80 dB Less than 0.08% (1 kHz reference level, 48 kHz) 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 to DXC-D30: 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: 0.286 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 LC-421 Carrying Case (1) (for DSR-130F1) DXF-701WS Viewfinder (1) VCL-918BY Zoom Lens (1) (for DSR-130F1/130K1) RM-LG1 Remote Control Unit (1) VCT-U14 Tirpod Adaptor (1) Microphone (1), Shoulder strap (1)	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 MIC In: XLR 3-pin female TC In: BNC, 0.5 Vp-p 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 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: 7-pin Lens: 14-pin hot-shoe type or 12-pin VF: 20-pin Remote1: Stereo mini jack Remote2: 10-pin LC-DS300SFT Soft Carrying Case (1) (for DSR-300F/300k DXF-701WS Viewfinder (1) RM-LG1 Remote Control Unit (1) VCT-U14 Tripod Adaptor (1) Microphone (1), Wind screen (1)

^{*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 the DSR-85 (via analog component out) that had been recorded on the DSR-500WS/DSR-300/DSR-130.

DSR-200A/DSR-PD100A Camcorders

	AJDOII-I DICCA	DEP PD4004
General	DSR-200A	DSR-PD100A
Power requirements	DC 7.2 V (Battery operation)	ation), DC 8.4 V (AC Adaptor)
Power consumption	11.6 W (during camera recording) 4.3 W (with VF), 5.3 W (with LCD)	
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)	
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)	
Tape speed	28.193 mm/s	
Recording/Playback time	184 min. with PDV-184ME/184N/184MEM	40 min. with PDVM-40ME/40N/40MEM
Weight	Approx. 4.7 kg (10 lb 5 oz) (with three NP-F950s in NPA-10000/B and tape)	Approx. 1.28 kg (2 lb 13 oz) (with XLR adaptor, lens, lens hood, battery and tape)
Dimensions (W x H x D)	216 x 237 x 474 mm (8 5/8 x 9 3/8 x 18 3/4 inches)	93 x 112 x 193.5 mm (3 3/4 x 4 1/2 x 7 5/8 inches)
Lens		
Zoom	x10 (optical), x20 (digital) (f=5.9 to 59 mm)	12:1 variable speed zoom lens (1.83 to 26.5 (f=4.3 to 51.6 mm; F1.6 to 2.8)
Filter diameter	·	2 1/8 inches)
Iris	Auto/Manual (F1.6 to 11) and Close	Auto/Manual (ring)/Infinity
Camera		
Image device	3-chip 1/3-inch, Interline-Transfer CCD	3-chip 1/4-inch color CCD, 380,000 pixels Progressive/Interlace Scan
Effective picture elements	768 (H) x 494 (V)	_
Total picture elements	811 (H) × 508 (V)	
Signal system		NTSC color system
Scanning system	2:1 interlaced, 525 lines, 60 fields/s	_
Horizontal resolution	500	TV lines
Minimum illumination	3 lx at F1.6	4 lx at F1.6
Gain selection	Auto/Manual (-3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB)	_
Shutter speed selection	Auto/Manual (1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 s)	1/4 to 1/10,000 s
Exposure	——————————————————————————————————————	Auto/Manual (Exposure dial, Program AE)
White balance	Auto/One-push auto/5800 K/3200 K	Auto/One-push/Outdoor/Indoor
Viewfinder	1-inch black and white CRT	180,000 dot color LCD, Zebra Pattern
Built-in microphone	One-point stereo-type	
Balle III milorophone	electret condenser microphone, directivity selectable (0 °/90 °/120 °)	Stereo electret condenser microphone
Built-in speaker	Dynam	ic speaker
LCD	_	TFT Active Matrix, 3.5-inch 184,580 pixels (839 x 220)
Memory Card Slot	_	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 Out: BNC x1, Phono jack x1 1.0 Vp-p, 75 Ω, sync negative S-Video Out: Mini DIN 4-pin x1 Y: 1.0 Vp-p, 75 Ω, unbalanced C: 0.286 Vp-p (subcarrier burst), 75 Ω, unbalanced Audio In: XLR 3-pin x2 (MIC/LINE selectable) Audio Out: Phono jack x1 (L&R x1) MIC In: Stereo mini jack x1 i.LINK (DV In/Out): 4-pin x1, IEEE1394-based	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: 0.286 Vp-p (subcarrier burst), 75 Ω, unbalanced MC In: Stereo mini jack x1 (XLR 3-pin x1, via adaptor) i.LINK (DV In/Out): 4-pin x1, IEEE1394-based
Others	LANC: Stereo mini-mini jack x1 External DC In: 4-pin for DK-715 cable RFU DC Out: Special mini jack x1 (DC 5 V) Headphone: Stereo mini jack x1 VF: 8-pin	LANC: Stereo mini-mini jack x1 External DC In: 8.4 V (AC-L10 AC Adaptor) Headphone: Stereo mini jack x1
Supplied Accessories		
	RMT-806 Wireless Remote Controller (1) Size AA (R6) batteries (2) CR2025 lithium battery (1) AV cable (1) S-Video cable (1) AV cable (1) Operating Instructions (1)	RMT-811 Wireless Remote Controller (1) Wide conversion lens (1) Lens hood (1), Lens cap (1) AC-L10 AC Adaptor (1) NP-F330 Rechargeable Battery Pack (1) Size AA (R6) batteries (2) Memory Stick (1) Memory Stick/PC Card Adaptor (1) XLR adaptor (1) Special stereo AV cable (1) i.LINK cable (1), Carrying belt (1) Operating Instructions (1)

DSR-1 Dockable Recorder

DOII-1 L	DUCKADIE NECOIDEI
General	
Power requirements	DC 12 V +5/-1 V
Power consumption	12 W (10 W in recording mode with the DXC-D30)
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
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: approx. 12 min. with PDV-184ME/184N/184MEM Mini size: approx. 3 min. with PDVM-40ME/40N/40MEM
Continuous recording time	Approx. 60 min. with NP-1B (in docking to the DXC-D30)
Mass	2.85 kg (6 lb 4 oz) (with battery)
Dimensions (W x H x D)	118 x 185 x 210 mm (4 3/4 x 7 3/8 x 8 3/8 inches)
Video Performance	kt
Bandwidth	Luminance: 30 Hz to 5.0 MHz ±1.0 dB Chrominance: 30 Hz to 1.5 MHz +1.0/-5.0 dB
S/N ratio	More than 55 dB
K-factor (K2T, KPB)	Less than 2.0%
Y/C delay	Less than 30 ns
Audio Performance	*1
Frequency response	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
Dynamic range	More than 80 dB
Distortion (THD)	Less than 0.08%
Input/Output Conne	ectors
Signal inputs	Genlock Video In: BNC, 1.0 Vp-p, 75 Ω Ext Audio CH-1/2: XLR 3-pin female x2 -60 dBu, 3 k Ω ±4 dBu, 10 k Ω TC In: BNC, 0.5 Vp-p to 18 Vp-p, 10 k Ω
Signal outputs	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 (burst level) Audio CH-1/2: Phono, -10 dBu, 47 k Ω TC Out: BNC, 1.0 Vp-p, 75 Ω
Others	Analog Interface: Pro 50-pin Digital Interface: Pro 76-pin Digital DC In: XLR 4-pin male DC Out: XLR 4-pin female Earphone: Mini jack
Supplied Accessori	es
	Shoulder strap (1) Connector cap (1) Lithium battery (type CR2032) (1) M4 x6 screws (2) M4 x12 screws (2) Operating Instructions (1) ClipLink Guide (1)
1: The specifications for	or "Video/Audio performance" were

^{*1:} The specifications for "Video/Audio performance" were measured by playing back material on the DSR-85 (via analog component out) that had been recorded on the DSR-1.

Specifications

DSR-2000/DSR-85/DSR-80/DSR-60 Studio VTRs

	DSR-2000	DSR-85	DSR-80	DSR-60
eneral ower requirements	AC 100 V to 240 V, 50/60 Hz		AC 100 V to 120 V, 50/60 Hz	
ower consumption	110 W	185 W	140 W	85 W
perating temperature			C (41 °F to 104 °F)	
orage temperature perating humidity			°C (-4 °F to 140 °F) s than 80%	
orage humidity			s than 90%	
pe speed			193 mm/s	
cording/Playback time			MEM Mini size: 40 min. with PDVM-40M	
st forward/Rewind time arch speed	Standard size: Less tr Shuttle mode:		MEM Mini size: Less than 1 min. with PE 2A: Search speed is up to ±32 times norma	
aron opoda	still to ±60 times normal speed		al DSRM-10: Jog mode: still to ±2 times no	ormal speed
	Digital slow mode: ±1 times normal speed			till to ±16 times normal speed till, ±1/5, 1/10 times normal speed
eight	18 kg (39 lb 10 oz)	21 kg (46 lb 4 oz)	19 kg (41 lb 14 oz)	18 kg (39 lb 10 oz)
mensions	427 x 175 x 496.5 mm		7 x 174 x 494 mm (16 7/8 x 6 7/8 x 19 1/2	
x H x D, excluding projections)	(16 7/8 x 7 x 19 5/8 inches)	421	7 × 174 × 434 11111 (10 7/0 × 0 7/0 × 13 1/2	inches)
deo Performance ndwidth		Luminance: 30 Hz to 5.0	.0 MHz ±1.0 dB	
a analog component I/O)		5.75 MHz +	+0/-3.0 dB (Typical measurement)	
Lratio		Chrominance: 30 Hz to 1.8	.5 MHz +1.0/-5.0 dB	
N ratio a analog component I/O)		More :	than 55 dB	
actor (K2T, KPB)		Less	than 2.0%	
delay		Less	than 30 ns	
dio Performance equency response		2 CH mode (48 kHz/16 hit	t): 20 Hz to 20 kHz +0.5/-1.0 dB	
			t): 20 Hz to 14.5 kHz +0.5/-1.0 dB	
namic range	More than 90 dB		More than 85 dB	
tortion (THD+N)		Less t	than 0.05%	
eo Signal Inputs alog				
f. Video			Black burst: 0.286 Vp-p,	75 Ω, sync negative
NC x2, loop-through	Composite, 1.0 Vp-p, 7	5 Ω, sync negative	Composite sync: 2.0 Vp-r	o, 75 Ω, sync negative
leo (BNC x2, loop-through		0 1 1 2 1		not adding sync to RGB output)
nnection)		Composite, 1.0 Vp-p, 75 Ω, sync nega	itive	_
mponent (BNC x3)	Y: 1.0 Vp-p, 75 Ω R-Y: 0.7 Vp-p, 75	2, sync negative		
	B-Y: 0.7 Vp-p, 75	Ω (75 %) Ω (75 %)		
GB/Component (BNC x3)			Y/R-Y/B-Y: Y: 1.0 Vp-p, 75 Ω, sync negative	
electable)	_	_	R-Y/B-Y: 0.7 Vp-p, 75 Ω (75 % R.G (w/o sync).B: 0.7 Vp-p, 75 Ω	_
			G (w/sync): 1.0 Vp-p, 75 Ω	
Video (DIN 4-pin x1)	Y: 1.0 Vp-p, 75 Ω,	, sync negative C: 0.286 Vp-p, 75 Ω	(at burst level)	_
gital				
OI (BNC x2, active-through innection)*1	Conforms	to Serial Digital Interface (270 Mb/s), S	SMPTE 259M	_
OTI (QSDI) (BNC x1)		forms to SDTI (270 Mb/s), SMPTE 305N	VI/322M	
INK (DV In/Out) (6-pin x1)*2	IEEE1394-based	_	_	_
udio Signal Inputs nalog				
udio (XLR 3-pin female x4)	-6/0/+4	dBu, 600 Ω on/off/-60 dBu, high imped	dance	_
igital				
ES/EBU (DSR-2000: BNC x2) SR-85/80: XLR 3-pin female x2)	75 Ω, unbalanced	110 Ω, ba	palanced	_
deo Signal Outputs				
nalog				
ef. Video (BNC x1)	0.286 Vp-p, 75 s	O ayna nagatiya		p, 75 Ω , sync negative pp, 75 Ω , sync negative
	0.280 Vp-p, 73 S	z, sync negative		n not adding sync to RGB output)
deo (DSR-2000: Video				
2/3(SUPER) BNC x3) SR-85/80/60: Video		Composite, 1.0 Vp-p	o, 75 Ω , sync negative	
2(SUPER) BNC x2)				
mponent (BNC x3)	Y: 1.0 Vp-p, 75 Ω R-Y: 0.7 Vp-p, 75	2, sync negative		
	R-Y: 0.7 Vp-p, 75 B-Y: 0.7 Vp-p, 75			
GB/Component (BNC x3)	Σ σβ β, το			Vp-p, 75 Ω, sync negative
electable)	_	_	R-Y/B-' R.G (w/o sync): 0.7 Vp:	Ý: 0.7 Vp-p, 75 Ω (75 %)
			G (w/sync): 1.0 Vp	-p, 75 Ω -p, 75 Ω
Video (DIN 4-pin x1)		Y: 1.0 Vp-p, 75 Ω, sync negative		
gital DI (DSR-2000: BNC x3)				
SR-85/80/60: BNC x2)*1		Conforms to Serial Digital In	nterface (270 Mb/s), SMPTE 259M	
OTI (QSDI) (BNC x1)*3		Conforms to SDTI (270	0 Mb/s), SMPTE 305M/322M	
INK (DV In/Out) (6-pin x1)*2	IEEE1394-based	_	_	
idio Signal Outputs nalog				
idio (XLR 3-pin male x4)	+4/0/-6 dBu (selectable by menu)	4	4 dBu, 600 Ω loading, low impedance, bala	anced
onitor (Phono x1)	-11 dBu, 47 kΩ, unbalanced (-18 dBFS)		-6 dBu, 47 kΩ, unbalanced	
eadphone M-60 headphone jack x1)	-∞ to -13 dBu, 8 Ω, unbalanced (-18 dBFS)		-16 dBu, 8 Ω, unbalanced	
gital	unbalanced (-18 dBF5)			
S/EBU (DSR-2000: BNC x2)	75 Ω, unbalanced	110.0	2, balanced	
SR-85/80: XLR 3-pin male x2)	75 sz, unibalanced	110 \$2	s, balanceu	
ne Code Input/Output ne Code In (BNC x1)*4	T	0.5 Vp-p to 18 Vp-p, 3 kΩ, unbalance	ed	
ne Code Out (BNC x1)*4			'5 Ω , unbalanced	
mote				
inote	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
emote	Video Control: D-sub 15-pin male x1	TBC Remote: D-sub 15-pin male x1	TBC Remote: D-sub 15-pin male x1	TBC Remote: D-sub 15-pin male x Control S (SIRCS): Stereo mini jacl
mote		Control S (SIRCS): Stereo mini jack x	I CONTROL & (SINCS), STELLED HILLI MACK X I	
upplied Accessories	Control Panel: D-sub 15-pin female x1	Control S (SIRCS): Stereo mini jack x1		
	Control Panel: D-sub 15-pin female x1 AC power cord (1)	AC power cord (1)	AC power cord (1)	AC power cord (1)
	Control Panel: D-sub 15-pin female x1		AC power cord (1)	

^{*1:} The optional DSBK-120 SDI Input/Output Board is required for the DSR-85 and DSR-80. The optional DSBK-100 SDI Output Board is required for the DSR-60.
*2: The optional DSBK-190 i.LINK/DV Input/Output Board is required for the DSR-2000.

^{*3:} The optional DSBK-110 QSDI Output Board is required for the DSR-60.
*4: The optional DSBK-130 Time Code Input/Output Board is required for the DSR-85, DSR-80 and DSR-60.

DSR-40/DSR-30/DSR-20 Studio VTRs

	DSR-40	DSR-30	DSR-20
General			
Power requirements	AC 120V,	, 50/60 Hz	AC: 120V, 50/60 Hz DC: 12 V
Power consumption	40 W	32 W	AC: 28 W DC: 2.0 A (4.0 A PEAK)
Operating temperature		5 °C to 40 °C (41 °F to 104 °F)	
Storage temperature		-20 °C to 60 °C (-4 °F to 140 °F)	
Tape speed	DVCAN	M mode: 28.193 mm/s DV SP playback mode: 18.8	12 mm/s
Recording/Playback time		andard size: 184 min. with PDV-184ME/184N/184MEN ni size: 40 min. with PDVM-40ME/40N/40MEM	1
Tape rewind time		Less than 2 min. with PDV-184ME/184N/184MEM	
Search speed	When controlling via optional DSRM-20: Shuttle mode: ±1/10, 1/5, 1, 2, approx. 10, approx. 14 times Jog mode: ±1/10, 1/5, 1, 2 times	Still, ±1/5, 1, 2 times, Cue/Review (±10 or 15 times)	When controlling via optional DSRM-20/RMT-DS20 (supplie Still, ±1/5, 1, 2 times, Cue/Review (±10 or 15 times)
Weight	Approx. 5.0 kg (11 lb)	Approx. 9.2 kg (20 lb 4 oz)	Approx. 5.0 kg (11 lb)
Dimensions (W x H x D, including projections)	212 x 98 x 392 mm (8 3/8 x 3 7/8 x 15 1/2 inches)	430 x 129 x 374 mm (17 x 5 1/8 x 14 3/4 inches)	212 x 98 x 392 mm (8 3/8 x 3 7/8 x 15 1/2 inches)
Video Signal Inputs			
Ref. Video (BNC x1)	Black burst: 75 Ω, sync negative	_	_
Video (DSR-40/20: BNC x1)*1 (DSR-30: BNC x1, Phono jack x1)		Composite, 1.0 Vp-p, 75 Ω, sync negative	
S-Video (DSR-40/20: Mini DIN 4-pin x1) (DSR-30: Mini DIN 4-pin x2, front x1/rear x1)		Y: 1.0 Vp-p, 75 Ω , sync negative C: 0.286 Vp-p (subcarrier burst), 75 Ω	
Audio Signal Inputs			
Audio (DSR-40/20: Phono jack x2/stereo L/R) (DSR-30: Phono jack x2/ stereo L/R, front x1/rear x1)		2 Vrms (full bit)	
Video Signal Outputs			
Video (DSR-40/20: BNC x1) (DSR-30: BNC x2, Phono jack x1)		Composite, 1.0 Vp-p, 75 Ω, sync negative	
S-Video (DSR-40/20: Mini DIN 4-pin x1) (DSR-30: Mini DIN 4-pin x2)	Y: 1.0 Vp-p, 75 Ω , sync negative C: 0.286 Vp-p (subcarrier burst), 75 Ω		
Component (BNC x3)	Y: 1.0 Vp-p, 75 Ω, sync negative R-Y/B-Y: 0.7 Vp-p (with 75 % color burst)	_	_
Monitor (BNC x1)	Composite, 1.0 Vp-p, 75 Ω, sync negative	_	Composite, 1.0 Vp-p, 75 Ω, sync negative
Audio Signal Outputs			
Audio (DSR-40: XLR 3-pin male x2, stereo L/R) (DSR-30/20: Phono jack x1, stereo L/R)	4 dBu, balanced	2 Vrms	s (full bit)
Monitor (Phono jack x2, stereo L/R)	2 Vrms (full bit)	_	2 Vrms (full bit)
Digital Input/Output			
i.LINK (DV In/Out) (4-pin x1)		IEEE1394-based	
Others	1		
	RS-422A: D-sub 9-pin female x1 Control S (SIRCS) In: Stereo mini jack x1 Headphone: Stereo mini jack x1	LANC: Stereo mini-mini jack x2 (front x1/rear x1)*2 Control S (SIRCS) In: Mini jack x1 Control S (SIRCS) Out: Mini jack x1 Trigger In: Phono jack x1 (active short) Headphone: Stereo mini jack x1 MIC In: Mini jack x1	LANC: Stereo mini-mini jack x1 RS-232C: D-sub 9-pin male x1 Control S (SIRCS) In: Stereo mini jack x1 Control S (SIRCS) Out: Stereo mini jack x1 DC In (12 V): Canon 4-pin x1 Headphone: Stereo mini jack x1
Supplied Accessories			
	AC power cord (1) Cleaning cassette (1) Operating Instructions (1)	RMT-DS30 Wireless Remote Controller (1) Size AA (R6) batteries (2) AC power cord (1) LANC cable (1) Cleaning cassette (1) Operating Instructions (1)	RMT-DS20 Wireless Remote Controller (1) Size AA (R6) batteries (2) AC power cord (1) Cleaning cassette (1) Operating Instructions (1) RS-232C Protocol Manual (1)

^{*1:} shared with the External Sync In (DSR-20) *2: priority on the front

Specifications

DSR-70 Portable Editing Recorder

General	
Power requirements	DC 12 V
Power consumption	46 W (without options)
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
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	5.8 kg (12 lb 12 oz)
Dimensions (W x H x D)	211 x 149 x 443 mm (8 3/8 x 5 7/8 x 17 1/2 inches)
Video Signal Inputs	
Analog	
Ref. Video (BNC x2, loop-through connection)	Composite, 1.0 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 In/Out) (6-pin x1)*4	IEEE1394-based
Audio Signal Inputs	
Analog	
Audio (CH-1,2)	XLR 3-pin female x2

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		
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 In/Out) (6-pin x1)*4	IEEE1394-based	
Audio Signal Outputs		
Analog		
Audio (CH-1,2 or CH-3,4)	XLR 3-pin male x2	
Monitor (R/L)	Phono x1	
Headphone	JM-60 headphone jack x1	
Time Code Input/Output		
Time Code In	BNC x1	
Time Code Out	BNC x1	
LCD		
LCD display (x1)	6.4-inch 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 (1) Connector cap (1) (per interface) Operating Instructions (1)	

- *1: The optional DSBK-170 Analog Component Input/Output Board is required.
 *2: The optional DSBK-160 SDI Input/Output Board is required.
 *3: The optional DSBK-150 SDTI (OSDI) Input/Output Board is required.
 *4: The option

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	0 °C to 40 °C (32 °F to 104 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Tape speed	28.193 mm/s
Weight	970 g (2 lb 2 oz) (without battery and tape)
Dimensions (W x H x D)	148 x 62 x 135 mm (5 7/8 x 2 1/2 x 5 3/8 inches)
LCD screen	5.5 inches
Video	
Video signal	EIA standard, NTSC color
Video inputs/outputs Video (RCA pin 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 (Phono jack x1/stereo L/R) (RCA pin x2)	-7.5 dBs (0 dBu=0.775 Vrms)	
Others		
	i.LINK (DV In/Out): 4-pin x1, IEEE1394-based LANC: Stereo mini-mini jack x1 Headphone: Stereo mini jack x1 Camera/Editor connector: 20-pin x1	
Supplied Accessories		
	AC-V700 AC Adaptor/Charger (1) DK-415 DK Cable (1) Carrying belt (1) Operating Instructions (1)	

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	0 °C to 40 °C (32 °F to 104 °F)	
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)	
Weight	Main unit: 160 g (5.6 oz) Controller: 340 g (12 oz)	
Dimensions (W x H x D)	Main unit: 69 x 61 x 134 mm (2 3/4 x 2 1/2 x 5 3/8 inches) Controller: 184 x 42 x 128 mm (7 1/4 x 1 11/16 x 5 1/8 inches)	

Connectors	
	Multi connector: 20-pin x1 Control unit: Mini DIN 8-pin x1
	LANC: Stereo mini-mini jack x1
Monitor Output	
Video output (RCA pin x1)	Composite, 1.0 Vp-p, 75 Ω , unbalanced, sync negative
Audio output (Phono 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	0 °C to 40 °C (32 °F to 104 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
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 CCU	CVX-V1: 22 x 18 x 60 mm (7/8 x 23/32 x 2 3/8 inches) CVX-V3: 36 x 40 x 70 mm (1 7/16 x 1 5/8 x 2 7/8 inches) CVX-V18NS: 63 x 66 x 115 mm (2 1/2 x 2 5/8 x 4 5/8 inches) CVX-V1: 35 x 110 x 60 mm (1 7/16 x 4 3/8 x 2 3/8 inches) CVX-V3: 35 x 110 x 60 mm (1 7/16 x 4 3/8 x 2 3/8 inches) CVX-V3: 55 x 110 x 60 mm (2 x 2 3/8 x 4 3/8 inches)
Camera	
Image device	1/4-inch Interline-Transfer CCD
	CVX-V1/V3: 380,000 pixels
Total picture elements	CVX-V1/V3: 410,000 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, 1/10000
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 Battery connector
Supplied Accessories	
	Video Walkman Attachment Unit (1) Operating Instructions (1)

DRV-1000 DVCAM Drive

General		
Power requirements	5 V: 5 A (Max.) / 700 mA (Stop)	
	12 V: 0.8 A (Max.) / 130 mA (loading/unloading)	
Power consumption	5 V: 25 VA (Max.) 12 V: 9.6 VA (Max.)	
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)	
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)	
Tape speed	28.193 mm/s	
Weight	Approx. 1.4 kg (3 lb 1 oz)	
Dimensions (W x H x D)	149.2 x 42.8 x 225 mm (5 7/8 x 1 11/16 x 8 7/8 inches)	
Video		
Video signal	EIA standard, NTSC color	
Video outputs Video (RCA pin 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	48 kHz/16-bit, 32 kHz/12-bit, 32 kHz/16-bit, 44.1 kHz/16-bit (depending on input signals)	
Audio output (Phono jack x1/stereo L/R)	327 mV with 47 k Ω load or more Impedance: 2.2 k Ω	
Others	impedance. 2.2 ks2	
Others		
	i.LINK (DV In/Out): 4-pin x1, IEEE1394-based LANC: Stereo mini-mini jack x1 EJECT: Monaural mini jack x1, TTL input low active (more than 100 ms) DC In: PC-standard, 5 V/12 V/GND	
Supplied Accessories		
	DV cable (4pin - 4pin, 50 cm) (1) AV cable (1) S-Video cable (1) Mounting screws (4) Operating Instructions (1)	

Flexicart Multi-cassete System

General	
Power requirements	AC 100/120/220/230/240 V, 50/60 Hz
Power consumption	600 VA
Operating temperature	5 °C to 35 °C (4 °F to 95 °F)
Operating humidity	25% to 80% (non-condensing)
Weight	Approx. 250 kg (551 lb 2.5 oz)
	(without VTRs, cassette bin units and tapes)
Dimensions (W x H x D)	600 x 1980 x 1090 mm (23 5/8 x 78 x 43 inches)
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 (1)
	Operation Manual (1)
	Maintenance Manual (1)
	Installation Manual (1)

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