

# TCD-D8

## DAT WALKMAN™ DIGITAL AUDIO TAPE PLAYER/RECORDER

- FULL FEATURED DAT TAPE PLAYER/RECORDER
- 48KHZ SAMPLING AND 16-BIT LINEAR QUANTIZATION FOR ULTIMATE QUALITY RECORDING
- 48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY ARE SELECTABLE FOR BOTH DIGITAL AND ANALOG RECORDING
- LONG PLAY MODE FOR UP TO 4 HOURS OF RECORDING AND PLAYBACK
- 4 HOURS RECORDING WITH 4 "AA" BATTERIES
- AUTOMATIC DATE FUNCTION FOR FAST IDENTIFICATION OF RECORDING
- AUTOMATIC AND MANUAL RECORDING LEVEL
- ANTI-SHOCK MECHANISM FOR RECORDING AND PLAYBACK
- LARGE BACKLIT DISPLAY WITH 4-SEGMENT BATTERY INDICATOR
- AUTOMATIC/MANUAL SUBCODE
- 100X HIGH SPEED AMS
- 2 SPEED (3X/25X) CUE/REVIEW
- DIGITAL INPUT AND OUTPUT

WALKMAN



## TCD-D8

### FEATURES

- **48KHZ SAMPLING AND 16-BIT LINEAR QUANTIZATION** provides rich, dynamic sound, for the ultimate in quality audio tape recording
- **SELECTABLE 48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY** for both digital and analog recording
- **BUILT-IN 1-BIT D/A CONVERTER** with 8X oversampling for low noise and extended frequency response
- **SUPREME QUALITY SP MODE** provides for up to 2 hours of recording of 16-bit digital sound on a DT-120RN DAT cassette, ideal for recording live music
- **LONG PLAY MODE** provides for up to 4 hours continuous recording and playback on a single DT-120RN DAT cassette, for conferences or other voice recording
- **4 HOURS OPERATION WITH 4 "AA" BATTERIES** (display illumination off and headphone jack unplugged) is made possible by advanced design that allows extended battery life beyond previous limits
- **AUTOMATIC DATE FUNCTION** provides for fast identification of individual recordings by automatically recording the date, day of the week, and time of the recording as indicated on the LCD display
- **AUTOMATIC AND MANUAL RECORDING LEVEL** is switchable and lets you select most appropriate volume levels for recording voice, music, or manual
- **ANTI-SHOCK MECHANISM** maintains stable tape transport for accurate recording and playback even while the DAT Walkman is in motion
- **LARGE BACKLIT LCD DISPLAY** clearly shows recording level, track number, operating status, and 4-segment battery indicator, even in low ambient light conditions
- **ID SUBCODE** marking is switchable to mark the starting point of each program on the tape automatically or manually while recording
- **100X HIGH SPEED AUTOMATIC MUSIC SENSOR™ (AMS)** search function finds and plays tracks, and skips forward or back up to 99 tracks, all at 100 times normal speed
- **2 SPEED CUE/REVIEW (3X/25X)** lets you hear sound while the player is in fast-wind modes up to 3 times or 25 times normal speed
- **DIGITAL INPUT AND OUTPUT JACKS** permit digital connection to MD and CD players and home digital preamplifiers (requires optional digital cable), and automatically converts track information of MD and CD into start IDs (digital input only)

- **4 SEGMENT LCD BATTERY INDICATOR** provides a visual signal to alert you to diminishing battery power so you can recharge or replace batteries
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** maintains volume output at levels that are below distortion threshold for cleaner sound reproduction

### SPECIFICATIONS

**FORMAT:** Digital Audio Tape

**RECORDING TIME (DT-120 DAT Cassettes)** Standard 120 min  
Long Play 240 min

**TAPE SPEED:** Standard 8.15mm/sec (Approx 3/16 ips)  
Long Play 4.075mm/sec (Approx 3/32 ips)

**SAMPLING FREQUENCY:** 48kHz, 44.1kHz, 32kHz

**QUANTIZATION BITS:** 16 bit

**FREQUENCY RESPONSE:** Standard 20-22,000Hz (±1dB) @ 48kHz  
20-20,000Hz (±1dB) @ 44.1kHz  
20-14,500Hz (±1dB) @ 32kHz  
Long Play 20-14,500Hz (±1dB) @ 32kHz

**S/N RATIO:** >87dB (Standard & Long Play) @ 1kHz IHF-A 22kHz LPF Line In

**DYNAMIC RANGE:** >87dB (Standard & Long Play) @ 1kHz IHF-A 22kHz LPF Line In

**TOTAL HARMONIC DISTORTION:** ≤0.008% (Standard) @ 1kHz 22kHz LPF Line In  
≤0.09% (Long Play) @ 1kHz 22kHz LPF Line In

**WOW AND FLUTTER:** Below Measurable Limit (±0.001% W PEAK)

**INPUTS:** Mic (Plug-in Power, Stereo mini jack)

Digital In (7-Pin jack)

Line In (Stereo mini jack)

DC-In 6V (EIA) Standard Polarity Jack

**OUTPUTS:** Stereo Headphones (Stereo mini jack)

Line Out (Stereo mini jack)

Remote (7-Pin jack)

Digital Out (7-Pin jack)

**POWER REQUIREMENTS:** "AA" x 4 batteries (DC6V)

AC 120V 60Hz w/supplied AC Adaptor

DC 12V w/optional Car Battery Cord

**BATTERY LIFE (Approx):**

(w/Sony alkaline batteries)

REC 4 hrs (display illumination off, headphone jack unplugged)

REC 3 hrs (display illumination off)

PLAY 3.5 hrs

**DIMENSIONS (WHD):** 12 1/4" x 1 1/2" x 3 1/2"

(132.6 x 36.7 x 88.2mm)

**WEIGHT:** 1 lb 13 oz (500g) incl batteries

**SUPPLIED ACCESSORIES:** Carrying Case

DT-10CLA Cleaning Cassette

AC-E60HG AC Adaptor

**OPTIONAL ACCESSORIES:** SBM-1 Super Bit Mapping Adaptor

RMT-D7 Wired Remote Commander

RM-D3K System Adaptor Kit

POC-DA12, POC-DA12M, RK-DA10 Digital Cable

ECM-959A/737 Stereo Microphone

DCC-260HG Car Battery Cord

CPA-8 Car Connecting Pack

AC-E60AM World Wide AC Adaptor

# SONY

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