

SONY

TCD-D100

DAT WALKMAN® DIGITAL AUDIO TAPE RECORDER

FEATURES AND
SPECIFICATIONS
SUBJECT TO CHANGE
WITHOUT NOTICE

- SPECIAL 10TH ANNIVERSARY MODEL
- FULL FEATURED DAT TAPE PLAYER/RECORDER
- SMALLEST AND LIGHTEST DAT WALKMAN® PERSONAL STEREO
- 48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY SELECTION
- EASY OPERATION AND EXCELLENT SOUND QUALITY
- UP TO 4 HOURS RECORDING/PLAYBACK WITH
2 "AA" ALKALINE BATTERIES
- RECHARGEABLE BATTERIES AND CHARGER SUPPLIED
- LONG PLAY MODE FOR UP TO 4 HOURS OF RECORDING TIME
- SUPPLIED STEREO HEADPHONES WITH LCD REMOTE CONTROL
- AUTOMATIC DATE AND TIME FUNCTION WHEN RECORDING
- SELECTABLE AUTOMATIC OR MANUAL RECORDING LEVEL
- DIGITAL INPUT AND OUTPUT
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)

WALKMAN



TCD-D100

FEATURES

- **SPECIAL 10TH ANNIVERSARY MODEL** features durable diecast magnesium case and celebrates a decade of achievement in Sony Digital Audio Tape technology
- **FULL FEATURED DAT TAPE PLAYER/RECORDER** provides very easy operation and excellent sound quality when recording both music and voice
- **SMALLEST AND LIGHTEST DAT WALKMAN®** model weighs just over 13 ounces even with batteries and tape, and is small enough to carry virtually anywhere
- **48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY SELECTION** provides a range of options for both digital and analog recording
- **MULTIPLE RECORD MODES** let you select Manual, Automatic (Automatic Gain Control) or Mic Limiter for the highest quality recording in all situations
- **EASY OPERATION AND EXCELLENT SOUND QUALITY** with 16-bit linear quantization for rich, dynamic sound and the ultimate in audio tape recording
- **VERSATILE RECORDING OPTIONS** allow for direct digital recording from CD, MiniDisc, and other digital sources (with optional cable) and also may be used with Sony SBM-1 Super Bit Mapping Adaptor
- **UP TO 4 HOURS RECORDING/PLAYBACK WITH 2 "AA" ALKALINE BATTERIES** is made possible by advanced design that allows extended battery life
- **RECHARGEABLE BATTERIES AND CHARGER SUPPLIED** offer great savings and convenience over replaceable batteries*
- **LCD DISPLAY** clearly indicates current operating status and remaining battery power
- **LONG PLAY MODE** provides for up to 4 hours of continuous recording and playback on a single DT-120RN DAT cassette, for voice recording of conferences, meetings, and other situations
- **SUPPLIED STEREO HEADPHONES WITH LCD REMOTE CONTROL** features separate LCD display panel on the remote and allows direct access to all of the unit's functions plus track scan and repeat
- **AUTOMATIC DATE AND TIME FUNCTION WHEN RECORDING** provides for fast identification of individual recordings by automatically recording the date, day of the week, and time of the recordings, as indicated on the LCD display

- **DIGITAL INPUT AND OUTPUT JACK** permits digital connection to MiniDisc and Compact Disc players as well home digital preamplifiers (requires optional digital cable) and automatically converts track information of MD and CD into start IDs (digital input only)
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts volume of music passages that vary widely, for clean sound reproduction and improved listener comfort

SPECIFICATIONS

FORMAT: Digital Audio Tape

RECORDING TIME (DT-120 DAT CASSETTE): Standard: 120 min.
Long Play: 240 min.

TAPE SPEED: Standard: 8.15mm/sec (approx. $\frac{3}{16}$ ips)
Long Play: 4.075mm/sec (approx. $\frac{3}{32}$ ips)

SAMPLING FREQUENCY: 48kHz, 44.1kHz, 32kHz

QUANTIZATION: 16 bit

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

S/N RATIO: Standard and Long Play: > 87dB @ 1kHz IHF-A, 22kHz LPF, Line In

DYNAMIC RANGE: Standard and Long Play: > 87dB @ 1kHz IHF-A, 22kHz LPF, Line In

TOTAL HARMONIC DISTORTION: Standard: < 0.008% (1kHz, 22kHz LPF, Line In)
Long Play: < 0.09% (1kHz, 22kHz LPF, Line In)

WOW AND FLUTTER: Below measurable limit (Less than $\pm 0.001\%$ W. Peak)

INPUTS: Mic In (Stereo mini jack with plug-in power)

Line In (Stereo mini jack)

Digital In (7 pin jack)

DC In 4.5V

OUTPUTS: Stereo Headphones (Stereo mini jack)

Line Out (Stereo mini jack)

Remote (7 pin jack)

Digital Out (7 pin jack)

POWER REQUIREMENTS: "AA" x 2 Alkaline Batteries (not supplied)

"AA" x 2 Rechargeable Batteries (supplied)

AC Adaptor (supplied)

BATTERY LIFE (APPROX.): Rec/Play: 4 hours w/Sony Alkaline batteries

3 hours w/Sony Rechargeable batteries

(w/Phone/Line Out jack unplugged)

COLOR: Metallic Silver

DIMENSIONS (WHD): 1 $\frac{1}{4}$ " x 3 $\frac{1}{4}$ " x 4 $\frac{3}{4}$ "

(29.2 x 80 x 117.3mm)

WEIGHT: 13 $\frac{1}{2}$ oz (380g) include. batteries and tape

SUPPLIED ACCESSORIES: Sony Rechargeable Batteries "AA" x 2

Battery Charger

Charger Adaptor

ACE45HG AC Adaptor

Carrying Case

DT-10CLA Cleaning Cassette

Headphones

SONY

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