

Product Spec Sheet from Rentex

Tascam DR-40 4-Track Handheld Digital Audio Recorder

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Rentex Product No. XAP0110



Mfr Part No. DR-40

The DR-40 4-Track Handheld Digital Audio Recorder from Tascam provides professional-level features and flexibility in a compact and durable design that's ideal for use in the field. The unit can record high-quality WAV/BWF or MP3 files to readily-available SD or SDHC flash memory cards, allowing you to record hours of material and share it easily. A 2GB card is included so you can get started recording right away.

The recorder features built-in adjustable condenser microphones, allowing you to choose an X/Y or A/B recording pattern to meet the needs of your environment and application. A built-in limiter and switchable low cut filter reduce peaks and rumble for cleaner recordings. There are a pair of Neutrik combo inputs that accept XLR and 1/4" connections for terrific flexibility. Built-in mic preamps provide phantom power so you can use external condenser mics. A 3.5mm headphone/line output allows you to connect additional equipment such as headphones or small speakers. The high-speed USB 2.0 port allows you to transfer your recordings to a Mac or PC for editing or sharing.

Features

- Compact Design
- Adjustable Condenser Mics
- Records to SD/SDHC Media
- WAV/BWF and MP3 Recording
- XLR and 1/4" Combo Inputs
- USB 2.0 Connector

Detailed Specifications

Type	Hand-Held 4-Track Digital Audio Recorder	A/D Conversion	24-bit
Recording/Reading Methods	SD or SDHC Card (64MB to 32GB)	D/A Conversion	24-bit
Recording Bit Rate	WAV: 16 and 24-bit MP3: 32-320 kbps, VBR	Connectors	2 x XLR/TRS Combo Inputs 1 x 3.5mm Headphone/Line Out 1 x High-Speed Mini-B USB 2.0 Port 1 x Remote Jack
Sampling Frequency	WAV: 44.1, 48, or 96kHz MP3: 44.1 and 48kHz	Input Impedance	Mic: 2.2 kOhms Line: 10 kOhms
Number of Channels	4 (2 Stereo)	Input Level	Nominal: -19dBV Mic, +4dBu Line Max: -3dBV Mic, +20dBu Line
Recording Time	All times are for a 1GB memory card Stereo Mode: MP3: 17 hours 21 mins (128kbps), 6 hours 56 mins (320kbps) WAV: 1 hour 34 mins (16-bit/44.1kHz), 1 hour 26 mins (16-bit/48kHz), 28 mins (24-bit/96kHz)	Output Impedance	12 Ohms
Frequency Response	20Hz~20kHz +1/-3dB (44.1kHz, EXT IN-LINE OUT, JEITA) 20Hz~22kHz +1/-3dB (48kHz, EXT IN-LINE OUT, JEITA) 20Hz~40kHz +1/-3dB (96kHz, EXT IN-LINE OUT)	Output Level	Nominal: -14dBV (10 kOhms) Max: +2dBV (10 kOhms)
S/N Ratio	> 92dB (44.1/48/96kHz, EXT IN-LINE OUT)	Microphone	Adjustable Stereo Condenser (X/Y & A/B)
Speed Adjustment	50-150% Without Affecting Pitch	Headphone Output	20mW + 20mW (32 Ohms)
Total Harmonic Distortion (THD)	< 0.05% (44.1/48/96kHz, EXT IN-LINE OUT)	Speaker	0.3W, Mono
		Filter	40/80/120Hz Low Cut
		Dimensions	Mics Open: 3.54 x 6.1 x 1.38" Mics Closed: 2.76 x 6.1 x 1.38"
		Weight	7.5 oz (213g) (Without Batteries)