

Tascam DR-40X Specs

Portable Recorder



Number of Tracks	4
Max Sample Rate/Resolution	96 kHz / 24-Bit
Microphone	Built-In Cardioid Condenser Stereo Pair, A/B or X/Y Configuration
Built-In Speaker	Yes, 0.3 W Mono
Display	Monochrome LCD (Backlit)
Memory Card Support	SD (64 MB to 2 GB) SDHC (4 GB to 32 GB) SDXC (48 GB to 128 GB)
Internal Storage	<i>None</i>

Recording

Audio File Formats	BWF, MP3, WAV
Sample Rates	WAV: 44.1 / 48 / 96 kHz MP3: 44.1 / 48 kHz

Bit Depth	16 / 24-Bit
Bit Rates	32 to 320 kb/s (Record) 32 to 320 kb/s + VBR (Playback)
Signal Processing	Auto Gain, EQ, Limiter, Low-Cut Filter, Reverb
Timecode	<i>None</i>
Recording Time	WAV 44.1 kHz/16-Bit: 1 Hr 41 Mins per GB (Stereo) WAV 48 kHz/16-Bit: 1 Hr 33 Mins per GB (Stereo) WAV 96 kHz/16-Bit: 46 Mins per GB (Stereo) WAV 44.1 kHz/24-Bit: 1 Hr 7 Mins per GB (Stereo) WAV 48 kHz/24-Bit: 1 Hr 2 Mins per GB (Stereo) WAV 96 kHz/24-Bit: 31 Mins per GB (Stereo) MP3 32 kb/s: 74 Hrs 32 Mins per GB (Stereo) MP3 64 kb/s: 37 Hrs 16 Mins per GB (Stereo) MP3 96 kb/s: 24 Hrs 50 Mins per GB (Stereo) MP3 128 kb/s: 18 Hrs 38 Mins per GB (Stereo) MP3 192 kb/s: 12 Hrs 25 Mins per GB (Stereo) MP3 256 kb/s: 9 Hrs 19 Mins per GB (Stereo) MP3 320 kb/s: 7 Hrs 27 Mins per GB (Stereo)

Connectivity

Analog I/O	2 x Combo XLR-1/4" TRS Female Balanced Line/Mic Input (Lockable) 1 x 1/8" / 3.5 mm TRS Female Unbalanced Headphone/Line Output
Digital I/O	<i>None</i>
Phantom Power	+24 / 48 V, Selectable On/Off (Applied to All Inputs) 
Phantom Power Current	3 mA per Channel
Plug-In Power	No
Host Connection	1 x Micro-USB (USB 2.0) 

Performance

Frequency Response	20 Hz to 20 kHz +1/-3 dB (At 44.1 kHz, JEITA) 20 Hz to 22 kHz +1/-3 dB (At 48 kHz, JEITA) 20 kHz to 40 kHz +1/-3 dB (At 96 kHz, JEITA)
Max Input Level	Mic Inputs: -3 dBV Line Inputs: +20 dBu
Max Output Level	+2 dBV
Headphone Output Power	20 mW per Channel into 32 Ohms
Impedance	Mic Inputs: 2.2 Kilohms

Line Inputs:

10 Kilohms

Line Outputs:

12 Ohms

SNR

Line Outputs:

>92 dB

THD

≤0.05%

Microphone Max SPL

125 dB SPL

Power

Power Options

Batteries, USB Bus Power, AC/DC Power Adapter

Battery Type

3 x AA (Included)

Approximate Battery Life

WAV 44.1 kHz/16-Bit:

18 Hours (Alkaline, 2 Channels, Phantom Off, Recording)

6.5 Hours (Alkaline, 2 Channels, Phantom On, Recording)

9 Hours (Alkaline, All Channels, Phantom Off, Recording)

19.5 Hours (Alkaline, 2 Channels, Playback, with Headphones)

16 Hours (Alkaline, All Channels, Playback, with Headphones)

16 Hours (NiMH, 2 Channels, Phantom Off, Recording)

5.5 Hours (NiMH, 2 Channels, Phantom On, Recording)

7.5 Hours (NiMH, All Channels, Phantom Off, Recording)

15.5 Hours (NiMH, 2 Channels, Playback, with Headphones)

12.5 Hours (NiMH, 2 Channels, Playback, with Headphones)

WAV 96 kHz/24-Bit:

14.5 Hours (Alkaline, 2 Channels, Phantom Off, Recording)

8.5 Hours (Alkaline, All Channels, Phantom Off, Recording)

14 Hours (Alkaline, 2 Channels, Playback, with Headphones)

14 Hours (Alkaline, All Channels, Playback, with Headphones)

11 Hours (NiMH, 2 Channels, Phantom Off, Recording)

7.5 Hours (NiMH, All Channels, Phantom Off, Recording)

12 Hours (NiMH, 2 Channels, Playback, with Headphones)

11.5 Hours (NiMH, All Channels, Playback, with Headphones)

MP3 128 kb/s:

16 Hours (Alkaline, 2 Channels, Phantom Off, Recording)

9 Hours (Alkaline, All Channels, Phantom Off, Recording)

16.5 Hours (Alkaline, 2 Channels, Playback, with Headphones)

16.5 Hours (Alkaline, All Channels, Playback, with Headphones)

12.5 Hours (NiMH, 2 Channels, Phantom Off, Recording)

8 Hours (NiMH, All Channels, Phantom Off, Recording)

13 Hours (NiMH, 2 Channels, Playback, with Headphones)

13.5 Hours (NiMH, All Channels, Playback, with Headphones)

AC/DC Power Adapter

VDC Not Included

AC Input Power

100 to 240 VAC, 50 / 60 Hz

Physical

Mounting Options 1/4"-20 Female

Operating Temperature 32 to 104°F / 0 to 40°C

Dimensions 2.8 x 6.1 x 1.4" / 70 x 155 x 35 mm (Mics Closed)
3.5 x 6.1 x 1.4" / 90 x 155 x 35 mm (Mics Open)

Weight 7.5 oz / 213 g (Without Batteries)
9.9 oz / 282 g (With Batteries)

Packaging Info

Package Weight 1.05 lb

Box Dimensions (LxWxH) 15.95 x 8.2 x 1.06"
