TASCAM®

Four Track Digital Audio Recorder and USB Audio Interface

DR-40X

Hi·Res AUDIO

Versatile four-track audio recorder

96kHz/24-bit
WAV/BWF 4-track Recording
plus 48kHz/320kbps MP3 Recording

Unidirectional
Built-in MIC
A-B / X-Y positions switchable

External
MIC/+4dBu LINE IN

125dB
Max SPL

Multi-powered
3x AA Batteries
USB Bus Power
AC Adapter (option)

18 hours
Battery Life

10
Menu Languages

128GB
SD / SDHC / SDXC cards

SD/SDHC/SDXC cards are not included.

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Key Features

- Four-channel recording for dual recording and nondestructive overdub recording, etc.
- Support multiple languages for menu (ENG/FRA/DEU/ITA/ESP/RUS/POR/JPN/CHI/KOR)
- Built-in stereo condenser microphones adjust between A/B and X/Y configuration
- Two integrated XLR/TRS Combo-jack inputs with Phantom Power with +4dBu line level / +48
- Dual-record mode to avoid accidental overloads and distortion
- Records to WAV or MP3
- Functions as a 2in/ 2out USB Audio Interface for Mac, PC or iOS recording
- Dictation mode designed for human voice recording and transcription

Other features

- Overwrite function for Punch-In recording with one level of Undo
- MS decoding function
- Optional RC-3F foot switch and RC-10 wired remote control can be connected
- Long-time operation of maximum 18 hours is possible using just the internal batteries
- Reverb effect
- Auto recording function that can detect the sound input signal level and automatically start recording
- Proven high sound pressure design for capturing loud sounds of up to 125dB SPL
- Peak reduction function that detects peaks and automatically sets the optimal level
- Self timer recording function
- Seamless gain control
- Low-cut filter with three levels (40/80/120Hz)
- Speed change (VSA) function for adjusting the speed from 0.5 to 1.5 times (in 0.1 increments), which is great for practicing music and language study
- Level align feature that prevents uneven volume levels
- Equalizer setting for adjusting playback sound quality
- Divide/delete functions
- Loop/repeat playback function that is convention for practicing music and studying languages
- Resume function that retains the last stop position and starts playback from that position when power is turned back ON
- Jump-back playback function that skips back a preset number of seconds during playback
- QUICK menu button for easy access to various functions
- High-quality 24-bit/96kHz WAV/BWF linear PCM recording and long recordings as MP3 files
- SD/SDHC/SDXC cards can be used for recording media
- Mark function that can set up to 99 points for a single track
- Audio files created on computers can be played (Only in formats compatible with this product)
- Built-in monaural speaker with an output of 0.3W
- Pre-recording buffer that can record up to 2 seconds prior to starting recording
- When a predetermined maximum file size is reached, a new file is created to continue recording
- Track increment creates new files at arbitrary locations during recording
- File name format can be set to use a user-defined word or the date
- The first six characters of the file name for recording can be set freely
- Playlist function
- A chromatic tuner is equipped which is helpful for practicing musical instruments
- Stereo mini headphone line output / Headphone output connector
- 128× 64 pixel graphic LCD with backlight
- High-speed file transfer to a computer is possible using USB 2.0 (Micro USB B type)
- Powered by 3 AA batteries, USB bus power, or optional AC adapter (PS-P520E)
- Rubber feet for improving acoustic properties during desktop recordings are included
- Tripod attachment screw-hole built in to the unit

Specifications

Recording Media:	SD card, SDHC card, SDXC card (up to 128GB)
File System:	FAT16/32, exFAT
File Formats:	
WAV/BWF:	44.1k / 48k / 96kHz, 16/24-bit
MP3:	44.1k / 48kHz 32k/64k/96k/128k/192k/256k/ 320kbps
Playback Bit-rate:	32k to 320kbps, VBR, ID3TAG V2.4
Number of Channels:	4-ch (2 Stereo)
Playback Speed Control:	0.5 to 1.5 times (0.1 increments *1)
Built-in Microphone:	Unidirectional, Stereo (A-B or X-Y)
Built-in Speaker:	0.3W, Mono
Low-cut Filter	40 / 80 / 120Hz
Chromatic Tuner:	C1 to B6, A4 = 435Hz to 445Hz (in 1Hz increments)
Effector:	6 Presets
USB:	USB2.0, micro-B Type
Tripod Screw-hole:	1/4"
Analog Audio Inputs/Outputs	
EXT MIC/LINE IN	XLR/TRS Combo jack (1: GND, 2: HOT, 3: COLD)
Nominal Input Level:	–19dBV (MIC), +4dBu (LINE)
Maximum Input Level:	–3dBV (MIC), +20dBu (LINE)
Input Impedance:	2.2kΩ (MIC), 10kΩ (LINE)
PHONES/LINE OUT	1/8" (3.5mm) Stereo Mini jack, Unbalanced
for LINE connection	
Input Level*2:	–14dBV (nominal), +2dBV (max)
Output Impedance:	12Ω
for Headphones connection	
Max Output Power:	20mW + 20mW (32Ω load)
Operating power:	3 AA Batteries USB bus power AC 100-240V (optional AC Adapter)
Power consumption:	2.5W (max)
Battery Operation Time	
Alkaline (EVOLTA):	Approx. 18 hours *3
Ni-MH (eneloop):	Approx. 16 hours *3
Overall dimensions (WxHxD):	2.75" x 6.1" x 1.37" / 70 x 155 x 35 mm (including protrusions)
Weight:	7.5 oz. / 213 g

Audio Performance

Frequency Response:	
Fs 44.1kHz:	20Hz to 20kHz, +1/–3dB *4
Fs 48kHz:	20Hz to 22kHz, +1/–3dB *4
Fs 96kHz:	20Hz to 40kHz, +1/-3dB *4
THD+N:	0.05% or less *4 *5
S/N Ratio:	92dB or higher *4 *5

Supported OS

Windows:	Windows 10 (April 2018 Update) Windows 8.1, Windows 7
Mac:	macOS Mojave macOS High Sierra (10.13) macOS Sierra (10.12)
iOS:	iOS 12, iOS 11

Check the TASCAM website (https://tascam.jp/int/) for the latest information about supported operating systems.

Option

- RC-3F (Foot Switch)
- RC-10 (Wired/Wireless Remote Control)

*1 44.1k/48kHz only *2 10kΩ load *3 WAV 44.1kHz/16-bit recording, using Built-in Microphone, JEITA) *4 EXT IN to LINE OUT, JEITA *5 Fs 44.1k/48k/96kHz

Authorized Distributors

TASCAM®