

TASCAM®

Stereo Handheld Digital Audio Recorder and USB Audio Interface

DR-05X



The new standard
in stereo hand held recorders



96kHz/24-bit

WAV/BWF Stereo Recording
plus 48kHz/320kbps MP3 Recording

Omnidirectional
Built-in MICS

125dB
Max SPL

External MIC IN
with plug-in power

Multi-powered
2x AA Batteries
USB Bus Power
AC Adapter (option)

17.5 hours
Battery Life

10
Menu Languages

128GB
microSD / microSDHC
microSDXC cards

microSD/SDHC/SDXC cards are not included.



Key Features

- Two-Channel (Stereo) recording
- Built-in stereo condenser microphones (dual omnidirectional)
- Supports multiple languages (ENG/FRA/DEU/ITA/ESP/RUS/POR/JPN/CHI/KOR)
- Overwrite function for Punch-In recording with one level of Undo
- 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

- Stereo condenser microphones for lively, high-quality sound and high-resolution recording
- High sound pressure design for capturing loud sounds of up to 125dB SPL, making it ideal for loud band recordings
- Peak reduction function that detects peaks and automatically sets the optimal level
- Self timer recording function
- Seamless gain control
- Three low cut filter levels that cut unnecessary low frequency noise such as from air conditioning equipment (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 convenient 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 and play that skips back a preset number of seconds during playback (1 to 10 sec in 1 sec increments, 10 sec, 20 sec, 30 sec)
- QUICK menu button for easy access to various functions
- High-quality 96kHz/24-bit WAV/BWF linear PCM recording and long recordings as MP3 files possible
- microSD/ microSDHC/ microSDXC cards can be used as recording media (up to 128GB)
- Mark function that can set up to 99 points for a single track Mark information can be utilized by BWF compatible software
- 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 with musical instruments
- Stereo mini headphone jack for external stereo microphones (provides plug-in power) / External line input
- 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 2 AA batteries, USB bus power, or optional AC adapter (PS-P520E)
- Tripod attachment screw-hole built in

Specifications

Recording Media:	microSD card, microSDHC card, microSDXC card (up to 128GB) FAT16/32, exFAT
File System:	
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:	2-ch (Stereo), 1-ch (Mono)
Playback Speed Control:	0.5 to 1.5 times (0.1 increments *)
Built-in Microphone:	Omnidirectional, Stereo
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	
MIC/EXT IN	1/8" (3.5mm) Stereo Mini jack, Unbalanced, Plug-in Power
Input Level:	-20dBV (nominal), -4dBV (max)
Input Impedance:	18kΩ or more (Plug-in Power OFF) 2kΩ or more (Plug-in Power ON)
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:	2 AA Batteries USB bus power AC 100-240V (optional AC Adapter)
Power consumption:	1.7W (max)
Battery Operation Time	
Alkaline (EVOLTA):	Approx. 17.5 hours *3
Ni-MH (eneloop):	Approx. 15.5 hours *3
Overall dimensions (WxHxD):	2.4" x 5.55" x 1.02" / 61 x 141 x 26 mm (including protrusions)
Weight:	4.1 oz. / 116 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.com/us>) for the latest information about supported operating systems.

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

Please note that not all models and colors are available in every country. Design and specifications subject to change without notice. ©2019 TEAC Corporation. All Rights Reserved. All text, images, graphics and other materials on this brochure are subject to the copyright and other intellectual property rights of TEAC Corporation. These materials shall not directly or indirectly be published, reproduced, modified or distributed in any medium. TEAC and TASCAM are trademarks or registered trademarks of TEAC Corporation. Other brands and product names are trademarks or registered trademarks of respective owners.

TASCAM®

TEAC CORPORATION

10410 Pioneer Blvd. Unit #1
Santa Fe Springs, CA 90670
323 726 0303