



The new standard
in stereo hand held recorders



96kHz/24-bit

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

Omnidirectional
Built-in MIC

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



Key Features

- Two-Channel (Stereo) recording
- Built-in stereo condenser microphones (dual omnidirectional)
- Support multiple languages for menu (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
- Proven 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 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 to the unit

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 44.1k / 48kHz
MP3:	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.jp/int/>) 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

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