Specifications

General

Recording media	microSD card (64 MB – 2 GB) microSDHC card (4–32 GB)
Recording/playback formats	BWF-compatible WAV format, 44.1/48 kHz, 16/24 bits, mono/poly MP3 format, 44.1/48 kHz, 128/192 kbit/s (recording) 32–320 kbit/s (playback)

Inputs and outputs

Analogue input (microphone)	DR-10CS (for Sennheiser): 3.5-mm mini TRS jack (with screw lock) DR-10CH (for Shure): Mini XLR 4-pin male
Maximum input level	−12 dBV
Minimum input level	−53 dBV
Mic input gain	10 dB to 35 dB (according to MODEL SELECT setting)
Input impedance	33 kΩ or higher
Analogue output (passed to the transmitter)	DR-10CS (for Sennheiser): 3.5-mm mini TRS jack (with screw lock) DR-10CH (for Shure): Mini XLR 4-pin male
Analogue output (Headphones jack)	3.5-mm mini stereo jack (dual mono audio output)

Audio performance, input to phones output

Frequency response	20 Hz – 22 kHz, +1/-3 dB
Distortion	0.05 % (1 kHz sine wave, maximum input level)
S/N ratio	88 dB or higher (PHONES level max., MIC GAIN set to LO)

Power supply and other specifications

Power supply	1 AAA battery (alkaline, NiMH or lithium) USB bus power from a computer
Power consumption	0.45 W (maximum)
Current consumption (USB bus power)	0.25A (maximum)
Date and time data retention	Secondary lithium battery (built-in)
Dimensions (W × H × D)	52 x 56 x 25 mm (excluding protrusions)
Weight	63 g (with battery) 51 g (without battery)
Permissible operating temperature range	0-40 °C

Battery operation time

Conditions: WAV recording at 48 kHz/24 bit, continuous operation, JEITA recording times, in hours: minutes

Alkaline battery (Evolta)

10:00	Microphone and transmitter connected, headphones not connected, mic bias off, limiter off, dual recording off
9:30	Only microphone connected, headphones not connected, mic bias on, limiter off, dual recording off

NiMH battery (Eneloop)

8:00	Microphone and transmitter connected, headphones not connected, mic bias off, limiter off, dual recording off
7:30	Only microphone connected, headphones not connected, mic bias on, limiter off, dual recording off

Lithium battery (Energizer Ultimate Lithium)

Battery operation time

15:30	Microphone and transmitter connected, headphones not connected, mic bias off, limiter off, dual recording off
14:30	Only microphone connected, headphones not connected, mic bias on, limiter off, dual recording off