

Specifications

Recorder specifications

Recording media	SD cards (64 MB – 2 GB) SDHC cards (4–32 GB) SDXC cards (48–512 GB)
Recording/playback format	WAV, 48 kHz, 24 bit, 2-channel stereo / 14-channel poly (BWF)
Approximate recording times with 16-GB SD card (in hours:minutes)	
Stereo recording	16:30
14-track recording	2:20

Analogue audio inputs

Mic inputs 1-4	XLR/TRS combo jacks XLR-3-31 (1: GND, 2: HOT, 3: COLD) 6.3-mm standard TRS jacks (Tip: HOT, Ring: COLD, Sleeve: GND)
Maximum input level	+10 dBu (when LEVEL at min.)
Nominal input level	−10 dBu (when LEVEL at min.)
Minimum input level	−76.5 dBu (when LEVEL at max.)
Gain range	66.5 dB
Input impedance	2.1 kΩ
Headset input (TRRS, CTIA standard)	3.5-mm, 4-pole mini jack
Maximum input level	+4 dBV (when LEVEL at min.)
Nominal input level	−16 dBV (when LEVEL at min.)
Minimum input level	−82.5 dBV (when LEVEL at max.)
Gain range	66.5 dB
Input impedance	2 kΩ
Line input (TRRS, CTIA standard)	3.5-mm, 4-pole mini jack
Maximum input level	+8 dBV
Nominal input level	−12 dBV
Input impedance	12 kΩ
Line inputs L/R (balanced)	6.3-mm standard TRS jacks (Tip: HOT, Ring: COLD, Sleeve: GND)
Maximum input level	+24 dBu
Nominal input level	+4 dBu
Input impedance	11 kΩ

Analogue audio outputs

Phones outputs 1-4	6.3-mm standard stereo jacks
Maximum output power	45 mW + 45 mW (0.1% THD+N or less, 32 Ω)
Working impedance	16–600 Ω
Headset output (TRRS)	3.5-mm, 4-pole mini jack (signal mirrors Phones 1 output)
Line output (TRRS, CTIA standard)	3.5-mm, 4-pole mini jack
Maximum output level	−25 dBu
Nominal output level	−45 dBu
Output impedance	100 Ω
Monitor output L/R (balanced)	6.3-mm standard TRS jacks (Tip: HOT, Ring: COLD, Sleeve: GND)
Maximum output level	+20 dBu
Nominal output level	0 dBu
Output impedance	200 Ω
Line output	3.5-mm stereo mini jack
Maximum output level	+6 dBV
Nominal output level	−14 dBV
Output impedance	200 Ω

USB port

Connector	USB Type-C
Transfer format	USB 2.0 High Speed
Device class	USB Mass Storage Class USB Audio Class 2.0
USB audio	Sampling rate: 48 kHz Bit depth: 24 bit Inputs: 14 channels (output from Mixcast 4) Outputs: 2 channels (input to Mixcast 4)

Audio performance

Equivalent input noise, mic inputs	≤−125 dBu (150 Ω termination, LEVEL at max.)
Frequency response (mic inputs 1–4)	20 Hz – 20 kHz: ±0.3 dB (JEITA)

Audio performance

S/N ratio (mic inputs 1–4)	101 dB (channel faders at 0, 20 kHz SPCL LPF, A-weighted)
Distortion (mic inputs 1–4)	0.003 % (1 kHz sine wave, channel faders at 0, 20 kHz SPCL LPF)
Crosstalk	≥95 dB

Note: Measurement conditions conform to JEITA CP-2905B.

Bluetooth

Output class	Class 2 (approx. 10 m* unobstructed transmission distance)
Supported profile	A2DP
Supported A2DP codecs	SBC, AAC
Supported A2DP content protection	SCMS-T

Computer hardware requirements

Windows	Windows computer with a USB port (2.0 or higher)
CPU/processor speed	2 GHz or faster dual core processor (x86), operation using the Tascam driver with ARM64 CPUs not guaranteed
Memory	2 GB or more
Mac	Mac computer with a USB port (2.0 or higher)
CPU/processor speed	2 GHz or faster dual core processor (operation confirmed with Intel and Apple Silicon M1 or M2)
Memory	2 GB or more

Power supply and other specifications

Power supply	Dedicated AC adapter (PS-P1220E NUT), DC 12 V
Power consumption	12.5 W (maximum)
Weight	2.55 kg
Permissible operating temperature range	0–40 °C
Dimensions (W × H × D)	375 mm × 57 mm × 264 mm (excluding protrusions) 375 mm × 71 mm × 267 mm (overall)