

Spec description

Recording section	
Supported Media	SD (512MB to 2GB), SDHC (4GB to 32GB), SDXC (64GB to 512GB) Class 10 or higher required.
File System	SD card: FAT16, SDHC card: FAT32, SDXC card: exFAT
Recording File Format	WAV(BWF)
Playback Format	WAV, BWF
Sampling Frequency	44.1k / 48k Hz
Bit Depth	16 / 24 bit
Maximum Recordable ChannelNumber	12ch (10ch + 2 stereo mix)
Audio Inputs	
MIC IN	CH1 to 6, 7, 9
Connector	XLR 3-31 (1: GND, 2: HOT, 3: COLD, Balanced)
Maximum Input Level	+10dBu
Nominal Input Level	-8dBu
Minimum Input Level	-58dBu
Gain Adjustable Range	0 to 50dB
Input Impedance	1.8k ohm
Phantom Power supply	+48V
LINE IN	CH1 to 6, 7/8, 9/10
Connector	1/4" (6.3mm) TRS Phone jack (T: HOT, R: COLD, S: GND, Balanced)
Maximum Input Level	+22dBu
Nominal Input Level	+4dBu
Gain Adjustable Range	-10 to +40 dB: CH 1 to 6, -20 to +30 dB: CH 7/8 and 9/10
Input Impedance	22k ohm
INST IN	CH1 to 6, 7, 9
Connector	1/4" (6.3mm) TS Phone jack (T: HOT, R: GND, S: GND, Unbalanced)
Maximum Input Level	+13.8dBV
Nominal Input Level	-4.2dBV
Gain Adjustable Range	-10 to +40 dB (CH 1 to 6), -20 to +30 dB (CH 7 and 9)

Input Impedance	1M ohm
INSERT	CH 1 and 2
Connector	1/4" (6.3mm) TRS Phone jack (T: Send, R: Return, S: GND)
Return (Ring)	
Maximum Input Level	+18dBu
Nominal Input Level	0dBu
Input Impedance	5k ohm
Send (Tip)	
Maximum Output Level	+18dBu
Nominal Output Level	0dBu
Output Impedance	100 ohm
MUSIC/TALK	CH 9/10
Connector	1/8" (3.5mm) TRRS jack (for Smartphone, Unbalanced)
Maximum Input Level	+8dBV
Nominal Input Level	-10dBV
Input Impedance	10k ohm
Outouts	
MAIN OUTPUT	
Connector	XLR 3-32 (1: GND, 2: HOT, 3: COLD, Balanced)
Maximum Output Level	+22dBu
Nominal Output Level	+4dBu
Output Impedance	200 ohm
SUB OUT, AUX OUT	
Connector	1/4" (6.3mm) TRS Phone jack (T: HOT, R: COLD, S: GND, Balanced)
Maximum Output Level	+16dBu
Nominal Output Level	-2dBu
Output Impedance	200 ohm
PHONES OUT	PHONES 1 and 2
Connector	1/4" (6.3mm) Stereo Phone jack
Maximum Output Level	45mW + 45mW (32 ohm loaded)
FOOTSWITCH	Compatible with TASCAM RC-1F Foot Switch
Connector	1/4" (6.3mm) TRS Phone jack

CLICK	Metronome click
Connector	1/4" (6.3mm) TRS Phone jack
USB Audio	for connection with PC
Connector	USB Type-C
Format	USB2.0 High-Speed, Mass-storage class/USB Audio Class
Sampling Rate	44.1k / 48k Hz
Bit Depth	16 / 24 bit
Maximum INPUT	12ch
Maximum OUTPUT	10ch
Bluetooth®	to MAIN or CH 9/10
Version	5.0
Output Class	Class 2 (Transmission range: approx. 33 ft. / 10 m) * Transmission range may vary, depending on surroundings.
Supported Profile	A2DP
Supported A2DP Codecs	SBC, AAC
A2DP Content Protection	SCMS-T
Channel EQ	
Low-Cut	100Hz, -18dB / Octave
Hi-Shelving	+15dB / -15dB, Cut off frequency = 10kHz
Mid-Peaking	+15dB / -15dB, 100Hz to 8kHz Variable, MID Band Q Fix, 0.5
Low-Shelving	+15dB / -15dB, Cut off frequency = 80Hz
Master section EQ	
Hi-Shelving	+15dB / -15dB, Cut off frequency = 10kHz
MID-Peaking	+15dB / -15dB, 100Hz to 8kHz Variable, Q: 0.5/5
Low-Shelving	+15dB / -15dB, Cut off frequency = 60Hz
Internal Effects	
Type	1. HALL 1 2. HALL 2 3. ROOM 1 4. ROOM 2 5. PLATE 6. STUDIO 7. LIVE 8. DELAY 1 9. DELAY 2 10. PING PONG 11. CHORUS 12. FLANGER 13. DELAY + HALL 1 14. DELAY + HALL 2 15. CHORUS + HALL 1 16. CHORUS + HALL 2 *Fx type and settings can be stored in the library slot
Power	AC 100 to 240V, 50/60Hz
Power Consumption	16W
Dimensions	343(W) × 360(H) × 98.8(D)mm 13.5(W) × 14.2(H) × 3.9(D)inch


	(including knob height and protrusion)
Weight	4.3 kg / 9.5 lb
Operating Temperature	5 to 35 ° C / 41 to 95 ° F
Include Items	AC adapter, USB Type-C to A cable, TRRS cable, Owner's manual (with warranty)

Audio Performance

Frequency Response	20Hz to 20kHz (+0.5/-0.5 dB, MIC IN to MAIN OUT)
S/N ratio	-103dBu (MAIN OUT, MAIN fader: nominal position)
Equivalent Input Noise	-128dBu (Mono Input Channel, Rs: 150Ω, GAIN knob: Max)
Total Harmonic Distortion	0.004% (MIC IN to MAIN OUT, nominal input level, +2dBu, 1kHz, GAIN min.)
Crosstalk	-95dB, channels / input and output (1kHz, PAN fully counter clockwise / fully clockwise)
Maximum Gain	74dB (MIC to MAIN OUT) 50dB (MIC to INSERT OUT) 74dB (MIC to SUB OUT) 75dB (MIC to AUX 1/2 OUT) 24dB (USB/SD to MAIN OUT) (EQ flatten, PAN fully counter clockwise / fully clockwise)

Supported PC

Windows

Compatible Computers	Windows-compatible computer with a USB2.0 port
CPU	Dual core / 2GHz or faster
Memory	2GB or more
Driver	USB Audio Class 2.0,  ASIO2.0, WDM (MME)
Screen Resolution	1280 × 800 Dots or more

Mac

Compatible Computers	Apple Mac computer with a USB2.0 port
CPU	Dual core / 2GHz or faster
Memory	2GB or more

Driver	Core Audio
Screen Resolution	1280 × 800 Dots or more

iOS/iPadOS

Driver	Core Audio
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