

Specifications

Analogue audio inputs

Microphone inputs 1-2 (balanced)	
Connector, front panel	XLR/TRS combo connector XLR-3-31 (1: GND, 2: HOT, 3: COLD) 6.3-mm TRS jacks (Tip: HOT, Ring: COLD, Sleeve: GND)
Connector, rear panel	2 × Euroblock
Input impedance	2.4 k Ω
Nominal input level	-26 dBu (front connector set to HIGH or rear connector PAD OFF) -2 dBu (front connector set to LOW or rear connector PAD ON)
Maximum input level	-10 dBu (front connector set to HIGH or rear connector PAD OFF) +14 dBu (front connector set to LOW or rear connector PAD ON)
Minimum input level	-65 dBu (front connector set to HIGH or rear connector PAD OFF) -41 dBu (front connector set to LOW or rear connector PAD ON)
Line inputs (unbalanced)	RCA pin jacks
Nominal input level	-10 dBV
Maximum input level	+6 dBV
Input impedance	≥ 10 k Ω
Aux inputs (unbalanced)	3.5-mm stereo mini jack
Nominal input level	-20 dBV
Maximum input level	-4 dBV
Input impedance	≥ 10 k Ω

Analogue audio outputs

Outputs 1-3 (balanced)	3 × Euroblock
Nominal output level	+4 dBu (volume knob set to 0 dB)
Maximum output level	+24 dBu
Output impedance	200 Ω
Headphones output	6.3-mm stereo jack
Maximum output power	80 mW + 80 mW (THD+N ≤ 0.1 %, 32 Ω load)

Audio performance

Equivalent input noise (EIN)	≤ -125 dB(A) (mic input to line output, 150 Ω , 20-kHz LPF)
Frequency response	
Mic input to line output	20 Hz – 20 kHz, +0.5 dB / -1 dB (GAIN at min., VOLUME at 0 dB, JEITA)
Line input to line output	20 Hz – 20 kHz, ± 0.5 dB (GAIN at min., VOLUME at 0 dB, JEITA)
Distortion	
Mic input (front) to line output	≤ 0.02 %
Mic input (rear) to line output	≤ 0.01 %
Line input to line output	≤ 0.01 %
S/N ratio	≥ 90 dB
Crosstalk attenuation	≥ 80 dB

Bluetooth

Bluetooth version	4.2
Output class	Class 2
Supported profile	A2DP
Supported A2DP codecs	SBC, AAC, aptX™
A2DP content protection	SCMS-T
Antenna	RP-SMA (female)