

5 Resources

5.1 Audio Specifications

Audio Inputs

Internal Talkback Microphone

Gain Range	+15 to +55 dB
Type	electret condenser
Sensitivity	-42 dB

Stereo 1 and Stereo 2 Inputs

Type	¼" TRS Active Balanced
Input Impedance (Balanced)	10 k Ω
S/N Ratio (1 kHz @ +10 dBu, Unity Gain)	>100 dB
THD+N (unwtd, 1 kHz @ 0 dBu Output, Unity Gain)	<0.005%
Frequency Response (± 0.5 dB)	10 Hz to 65 kHz
Noise Floor (20 Hz to 20 kHz, 150 Ω input termination)	-90 dBu
Maximum Input Level (Minimum Gain, 1 kHz @ 0.5% THD+N)	+20 dBu

Auxiliary Inputs

Type	RCA Active Unbalanced
Input Impedance	47.5 k Ω
S/N Ratio (1 kHz @ 10 dBu, Unity Gain)	>100 dB
THD+N (unwtd, 1 kHz @ 0 dBu Output, Unity Gain)	<0.005%
Frequency Response (± 0.5 dB)	10 Hz to 50 kHz
Gain Range	-60 dB to +20 dB
Maximum Input Level (Minimum Gain, 1 kHz @ 0.5% THD+N)	+20 dBu

S/PDIF

Type	RCA 75 Ω coax
Dynamic Range	113 dB
THD+N	0.0025% (1 kHz @ -1 dBFS)
Maximum output at 0 dBFS	+18 dBu
Sample Rates	44.1, 48, 88.2, 96 kHz

Input Meters (ST1, ST2, and Aux only)

Type	Dual 8-segment LED w/peak hold
Sensitivity Range	-24 dB to 0 dB

Audio Outputs

Type	¼" TRS Active Balanced
Output Impedance (Balanced)	51 Ω
THD+N (unwtd, 1 kHz @ 0 dBu, Unity Gain)	<0.01%
Frequency Response (± 0.5 dB)	10 Hz to 50 kHz

Speaker A, B, and C

Trim Range	-80 dB to 0 dB
Main Level Range	-80 dB to 0 dB
Dim Attenuation Range	-30 dB to -6 dB

Cue

Cue Level Range	-80 dB to 0 dB
Dim Attenuation (Talkback activated)	-20 dB

Headphones

Type	¼" TRS Active Stereo
Maximum Output (60 Ω load)	150 mW / channel
Frequency Response (±1.0 dB)	10 Hz to 50 kHz

Power

Power Supply Type	External DC Transformer/Internal Line
Input Connector Type	Barrel, 5.5 mm outside diameter, 2.1 mm inside diameter
Monitor Station Input Voltage Range	18 VDC
Power Requirements (Continuous)	10 W

Physical

Dimensions

Height	2.5" (63.5 mm)
Depth	8.5" (216 mm)
Width	9" (228.6 mm)
Weight	6 lbs. (2.72 kg)