

Matrix IMA-120



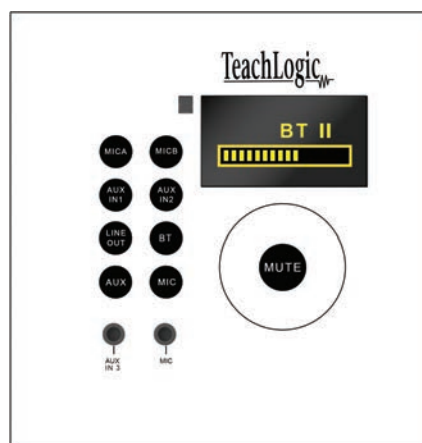
Matrix IMA-120 Plenum-Rated amplifier, 50 watt total, two infrared receivers base station with switching power supply

Specifications

Receiver Input Modulation	Infrared FM FM Wide-band
Reception Frequencies	Ch. A: 2.08 MHz Ch. B: 2.54 MHz
Infrared Wavelength	850 nm
Tone Signal	Ch. A: 32.768 kHz
De-emphasis	50 μ s
Frequency Response	40 Hz, -18 kHz, \pm 3 dB
S/N Ratio	>65 dB
THD	<1% @1 kHz
Nominal Deviation	\pm 10 kHz
Maximum Deviation	\pm 25 kHz
External Sensor Input	Two, RCA
Connectivity Coverage	1,600 Sq. Ft.
Line Inputs	Two Line Level, Aux input with +10dB Gain Control, 3.5mm
Line Output	One 3.5mm Line Level output with Gain Control
Page Over-Ride Sensitivity	Input: 100v, 70v, 25v, 2pin Phoenix Level Control
Security Alert	Contact Closure, N/O, N/C
Equalization	Bass/Treble Control, \pm 12 dB
Output Power	Two digital Amplifiers, 50 Watts total (RMS), 25 watts ea.
Output Impedance	4 Ω min. per channel
Output Connection	One Phoenix Connector
Power Supply	19 VDC / 3.4 A CE, CSA and UL Listed
Dimensions	7 1/2" W x 4 1/4" H x 1 1/2" D
Weight	1 lb. 8oz.

Features

- Two infrared wireless Microphone receivers with volume control
- Two stereo, line level, auxiliary inputs (3.5mm)
- One dual mono line level output for Assistive Listening system with gain control (3.5mm)
- Two Power Amplifiers: Total 50 watts RMS class D amplifier, 25 watts ea. channel
- Security Alert, contact closure, N/O, N/C
- Page Over-ride (muting) with Page Pass-through to classroom speakers input level 100v, 70v, 25v
- RS-232 wall panel control, RJ-45
- RS-232 on/off switch
- Teacher Priority instantly attenuates all line inputs
- Bass/Treble control equalizer \pm 12dB
- Two external sensor inputs, RCA



- CPS-120 Wall mount control panel with Bluetooth