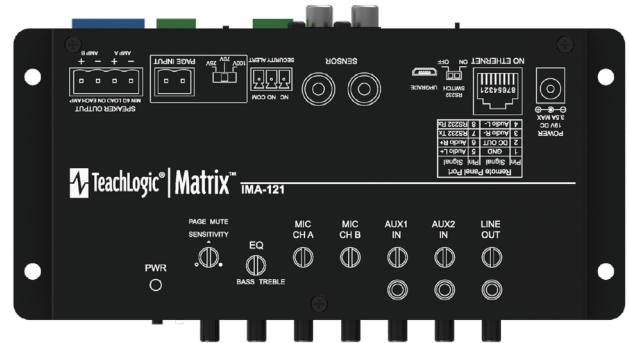


Amplifier/Receiver



CPS-121 Wall mount control panel with Bluetooth



Matrix™ IMA-121

Amplifier | Infrared Microphone Receiver | Multimedia Audio Mixer with Wall Panel Controller

Specifications

| | |
|-----------------------|---|
| Receiver Input | Infrared FM |
| Modulation | 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 µs |
| Frequency Response | 40 Hz, -18 kHz, ± 3 dB |
| S/N Ratio | >65 dB |
| THD | <1% @1 kHz |
| Nominal Deviation | ± 10 kHz |
| Maximum Deviation | ± 25 kHz |
| External Sensor Input | Two, RCA |
| Connectivity Coverage | 1,600 Sq. Ft. 50ft. line of sight |
| 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 | Input: 100v, 70v, 25v, 2pin Phoenix |
| Sensitivity | Level Control |
| Security Alert | Contact Closure (COM, N/O, N/C) |
| Equalization | Bass/Treble Control, ±12 dB |
| Output Power | Two digital Amplifiers, 25 watts ea, 50 Watts total (RMS) |
| Output Impedance | 4Ω 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 5 oz. |

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 ± 12dB
- Two external sensor inputs, RCA