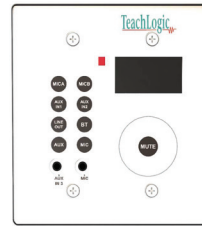
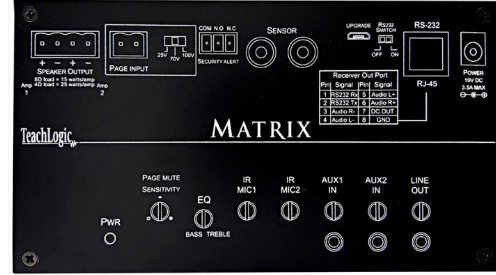
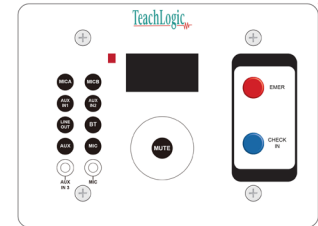


# Amplifier/Receiver



CPS-120 Wall mount control panel with Bluetooth



CPR-125 Wall mount control panel with Bluetooth  
Compatible with Rauland intercom systems

## Matrix™ IMA-120

Amplifier | Infrared Microphone Receiver | Audio Mixer | 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
Total Harmonic Distortion	<1 % @ 1 kHz
Nominal Deviation	± 10 kHz
Maximum Deviation	± 25 kHz
External Sensor Input	2, RCA
Connectivity Coverage	1,600 sq ft
Line Inputs	2 : 3.5 mm line level aux with +10 dB gain control
Line Output	3.5 mm line level output with gain control
Page Over-Ride	2-pin Phoenix; 3 settings: 100 V, 70 V, 25 V
Sensitivity	Level control
Security Alert	Contact closure (COM, N/O, N/C)
Equalization	Bass/Treble control, ±12 dB
Output Power	2 digital amplifiers @ 25 W, 50 W total (RMS)
Output Impedance	4 Ω min/channel
Power Supply	19 V DC   3.4 A; CE, CSA and UL Listed
Dimensions	7.5" W x 4.25" H x 1.5" D
Weight	1 lb 5 oz

### Features

- 2 infrared wireless microphone receivers with volume control
- 2 stereo, line level, or aux inputs (3.5mm)
- 1 dual mono line level output for Assistive Listening System with gain control (3.5mm)
- 2 Power Amplifiers: Total 50 W RMS (Class D amplifier, 25 W ea channel)
- Security alert, contact closure, N/O, N/C
- Page override (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 ± 12 dB
- 2 external microphone sensor inputs, single RCA