

Maxim III IMA-520



Maxim III amplifier, two infrared receivers base station with switching power supply

Specifications

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| 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 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. |
| Aux Inputs | Four Aux, Line Level, one dual RCA, three 3.5mm, one anti-hum Lesson Capture, 3.5mm with Gain Control, Front Panel |
| Line Output | ALS, 3.5mm with Gain Control, Rear Panel |
| Page Over-Ride | Input: 100V, 70V, 25V, 3pin Phoenix |
| Sensitivity | Level control |
| Security Alert | Contact Closure N/O, N/C |
| Fire Alarm | AC/DC 5-24 volt |
| Equalization | Five-Band \pm 12 dB |
| Output Power | Two Amplifiers, 25 Watts ea. (RMS) 50 Watts total (RMS) |
| Output Impedance | 4 Ω |
| Output Connection | Two Phoenix Connectors |
| Charger Output | 5 Volt DC, USB |
| Power Supply | 19VDC / 3.4A CE, CSA and UL Listed |
| Dimensions | 8 1/2" W x 1 3/4" H x 7 1/2" D |
| Weight | 2.2 lbs. |

Features

- Two infrared wireless microphone receivers
- Two Power Amplifiers: 50 watts total RMS two 25 watt ea. Digital Hybrid Class D amplifier
- Security Alert contact connection
- Fire Alarm input AC or DC from 5-24 Volt
- Security Alert contact connection
- Page Over-ride (muting) with Page Pass-through to classroom speakers input level 100v, 70v, 25v
- Four line inputs for DVD, Computer, MP3 & Aux
- Auxiliary input (Mic or Line level switch)
- Computer Balun anti-hum (On/Off switch)
- Front-panel auxiliary input for MP3 (3.5mm)
- DVD input dual RCA on rear panel
- Aux and Computer input 3.5mm on rear panel
- Lesson Capture output with level control on rear panel 3.5mm
- ALS output with level control on rear panel 3.5mm
- Five-band equalizer
- DFG (Digital Feedback Guard)
- Remote Teacher Priority over line inputs
- Power up to four (4) speakers
- Power sleep mode to conserve energy
- Drop-in charger connection 5volt DC USB
- Rack or shelf/wall mounting kits (optional)



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