

# Maxim II IMA-420



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

## 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 $\mu$ 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	2,500 Sq. Ft.
Aux Inputs	Three Aux, Line Level, Dual RCA with + 15 dB Gain Control
Line Output	3.5mm with Gain Control, Front Panel
Page Over-Ride	Input: Off, 25V, 70V, 100V
Equalization	Five-Band $\pm$ 12 dB
Output Power	Two Amplifiers, 16 Watts ea. (RMS) 32 Watts total (RMS)
Output Impedance	4 $\Omega$
Output Connection	Two Phoenix Connectors
Power Supply	15VDC / 2.8A / 42W CE, CSA and UL Listed
Dimensions	8 1/2" W x 1 3/4" H x 7 1/2" D
Weight	2.65 lbs.

## Features

- Two infrared wireless microphone receivers
- Two Power Amplifiers: 16 watt ea.
- Three stereo auxiliary inputs for Computer, DVD, Video Projector
- Addition Aux input gain, adjustable +15 dB boost
- Front-panel auxiliary input for iPod™ (3.5mm)
- Page Over-ride (muting) with Page Passthrough to classroom speakers
- Five-band equalizer with security cover
- Front Panel Audio Output for personal FM system with gain control (3.5mm)
- Record output (line level, pre-fader)
- Rack or shelf/wall mounting kits (optional)