

# Spectrum II IMA-700



Spectrum 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	Three, RCA
Connectivity Coverage	2,500 Sq. Ft.
Aux Inputs	Four Aux, Line Level, Dual RCA
Aux Outputs	One Aux, Line Level, Dual RCA
Line Output	3.5mm with Gain Control, Front Panel
Page Over-Ride	Input: 8 $\Omega$ , 25V, 70V, 100V
Equalization	Nine-Band $\pm$ 12dB
Output Power	Four Amplifiers, 18 Watts ea. (RMS) 72 Watts total (RMS)
Output Impedance	4 $\Omega$
Output Connection	Four Phoenix Connectors
Power Supply	19VDC / 4.75A / 90W CE, CSA and UL Listed
Dimensions	17" W x 1 $\frac{3}{4}$ " H x 7 $\frac{1}{2}$ " D
Weight	5.2 lbs.

## Features

- Four Power Amplifiers, (18 watts ea. with individual gain controls)
- Powers up to eight 8  $\Omega$  speakers
- Two infrared wireless microphone receivers
- Four Stereo Line Level Auxiliary Inputs
- Front Panel Audio Output for personal FM system with gain control (3.5mm)
- Nine Band Equalizer for extra fine acoustic tuning
- Page Over-ride (muting) with Page Passthrough to classroom speakers
- Two line level outputs (pre-fader) for recording or feed to other system
- Rack or shelf/wall mount kits (optional)