

Spectrum III IMA-820

Touchboards

205 Westwood Ave, Long Branch, NJ 07740
 Phone: 866-94 BOARDS (26273) / (732)-222-1511
 Fax: (732)-222-7088 | E-mail: sales@touchboards.com



Spectrum III amplifier, 100 watt total, 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 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	four Amplifiers, 25 Watts ea. (RMS) 100 Watts total (RMS)
Output Impedance	4 Ω
Output Connection	Two Phoenix Connectors
Charger Output	5 Volt DC, USB
Power Supply	19VDC / 6.3A 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
- Power Amplifiers: 100 watts total RMS
four 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 eight (8) speakers
- Power sleep mode to conserve energy
- Drop-in charger connection 5volt DC USB
- Rack or shelf/wall mounting kits (optional)



TeachLogic
 FOR SOUND LEARNING