

IP Amplifier



This Remote VoIP amplifier units is IP-based power amplifier. The units is connected to the central exchange unit via Ethernet. Copper CAT5 or CAT6 or fiber cable. The amplifier is a Class D power amplifier due to its especially high efficiency, low power consumption and long life.

The remote IP-based power amplifier is integrated speaker monitoring. Speaker circuits are to be continuously monitored for short circuit, earth leakage, and line interruption. Speakers is allowed navigation through the intuitive user interface. The user is be able to define settings and make changes using the integrated web interface.

Advanced Features:

- VoIP SIP 2.0
- IP amplifier Self-diagnosis.
- Line Monitoring between amplifier and intercom server and speakers
- Display and function keys at the front of the unit
- Up to 4 simultaneous and independent audio channels per unit
- Up to 8 integrated, selectively addressable speaker circuits
- Integrated speaker line monitoring
- Integrated web interface
- Intelligent N+1 backup control
- Freely programmable
- Integrated monitoring functions (short circuit, excess temperature, voltage failure, function monitoring)
- Distortion factor < 0.5% at rated power
- Optimized according to the EN 60849 standard "Sound systems for emergency purposes" Upon special requirement.

Specification:

Model	IPMG-80	IPMG-130	IPMG-260	IPMG-260	IPMG-260	IPMG-260
Rated Power output	80W	130W	260W	360W	460W	640W
Network Interface	RJ45					
Operating voltage	100 to 276 VAC					
Transmission Speed	100Mbps					
Communication Protocol	TCP/IP, UDP, IGMP					
Speaker out puts	70V,100V & 4-16 Ω					
Sampling Rate	8K~48KHz					
Bit Rate	8K-512Kbps					
EMC Input Sensitivity	775mV (Unbalance)					
AUX Input Sensitivity	350mV (Unbalance)					
MIC Input Sensitivity	5mV (Unbalance)					
Treble	±10.5dB					
Bass	±10.5dB					
S/N Ratio	≥90dB					
THD	≤1%					
Speaker Output	70V, 100V & 4-16ohm					
Protection	Short, over-heat, overload, etc					
Working Temp.	5°C~40°C					
Standby Power	<3W					
Cooling	Fan automatically start up when temp reaches 55°C					
Humidity	20%~80%					
Frequency Response	60HZ-18KHZ +1/-3dB					
Power Supply	~110V/60Hz or ~230V/50Hz					
Dimension	484 x 359 x 132mm mount in 19" Rack 3U type or On-site					
Weight	17kg					
Enclosure	Rugged body in Stainless steel 304					

Rear Panel

