

IP Power Amplifiers

▶ AMP-IP1-60 / AMP-IP1-120

▶ INTRODUCTION

The IP power amplifier serves as a vital component in Wellav PAVA system, acting as a key intermediary that directly communicates with the broadcast host over IP to receive tasks and drive passive speakers to produce sound. Typically installed in the weak current wells of various buildings or floors, or housed in outdoor enclosures, it also functions as the hardware demarcation point for broadcast zones. With its industrial-grade circuit design and professional, stable architecture ensuring optimal sound quality, it is an ideal choice for PAVA systems and various commercial applications such as restaurants, schools, airports, parks, and scenic spots.



▶ KEY FEATURES

- ▶ All-in-one simplicity through integrating audio reception, decoding, and amplification to streamline system setup.
- ▶ Flexible power options of 60W / 120W for different applications.
- ▶ Efficient long-range audio supported by a built-in digital amplifier offering 70V/100V fixed voltage output.
- ▶ Seamless integration with alarm systems via short circuit and 24V DC outputs.
- ▶ Reliable playback during outages with pre-scheduled tasks/playlists stored on a built-in TF card.
- ▶ Effortless maintenance & rapid fault detection through 5 LED indicators for status visualization.

▶ TECHNICAL SPECIFICATIONS

Model	AMP-IP1-60	AMP-IP1-120
Power Consumption	60W	120W
Ethernet Port	1× 100 Mbps RJ45	
EMC Control	1× 3-pin Phoenix connector for a 24V DC output and a short circuit output	
Audio Input	1× RCA (L+/R+), 0 dBu, 10 kΩ	
Audio Output	1× RCA (L+/R+), -10-0 dBu, 10 kΩ	
Frequency Response	120 Hz-16 kHz	
Input Sensitivity	0 dBu	
Signal-to-noise Ratio (SNR)	> 90 dB	
Volume Adjustment	Local control with 1× volume control knob, Software control with Audio Control System (ACP-SW-1000) or App	
Upgrade	Local upgrade via an IP file; OTA via Audio Control System (ACP-SW-1000)	
Rated Voltage	70/100 V, 1× DIP switch	
VAC Input Voltage	90-240 V AC, 50/60 Hz	
Operating Temperature	-20-50°C (-4-122°F)	
Storage Temperature	-40-60°C (-40-140°F)	
Operating Humidity	<90% RH (non-condensing)	
Protection	Surge (of ±6 kV), short circuit, over current, over temperature	
Appearance	Black, aluminum alloy brushed panel	
Dimension (W×H×D)	1RU, 483×44×304 mm	
Weight	4.8 kg	5.6 kg

▶ ORDERING INFORMATION

Model	Description
AMP-IP1-60	60W IP power amplifier, 1×RJ45 input and 70V/100V voltage output, 1×RCA input, 1×RCA output
AMP-IP1-120	120W IP power amplifier, 1×RJ45 input and 70V/100V voltage output, 1×RCA input, 1×RCA output

▶ DIMENSION DRAWING

