

# Outdoor IP Amplifier Terminals

▶ (SPK-IPA-100 / SPK-IPA-100E )



**Bring you easier online management of IP Amplifier  
Terminals and clear, superior audio quality**

## ▶ INTRODUCTION

This IP amplifier terminal integrates IP network audio decoder and digital amplifier to effortlessly drive constant impedance speakers, enabling clear, stable sound reinforcement for outdoor public address needs.

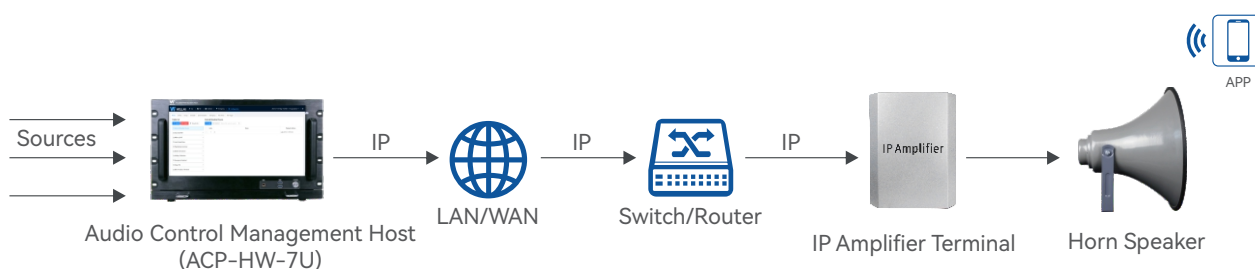
## ▶ KEY FEATURES

- ▶ Ensures easy outdoor installation and durable use with an all-in-one wall-mounted, waterproof design integrating network decoder, digital amplifier and speakers.
- ▶ Delivers clear, detailed sound with built-in high-fidelity linear array speakers and stereo Class D amplifiers.
- ▶ Offers flexible off-grid power solutions, compatible with solar systems through DC input for remote or outdoor applications.
- ▶ Triggers automated broadcasting via RS485/Digital Input .
- ▶ Connects effortlessly with existing analog devices through local audio I/O, protecting investments in legacy audio setups.
- ▶ Supports up to 100W total constant impedance speakers, enabling flexible single/multiple speaker setups for stable sound reinforcement.



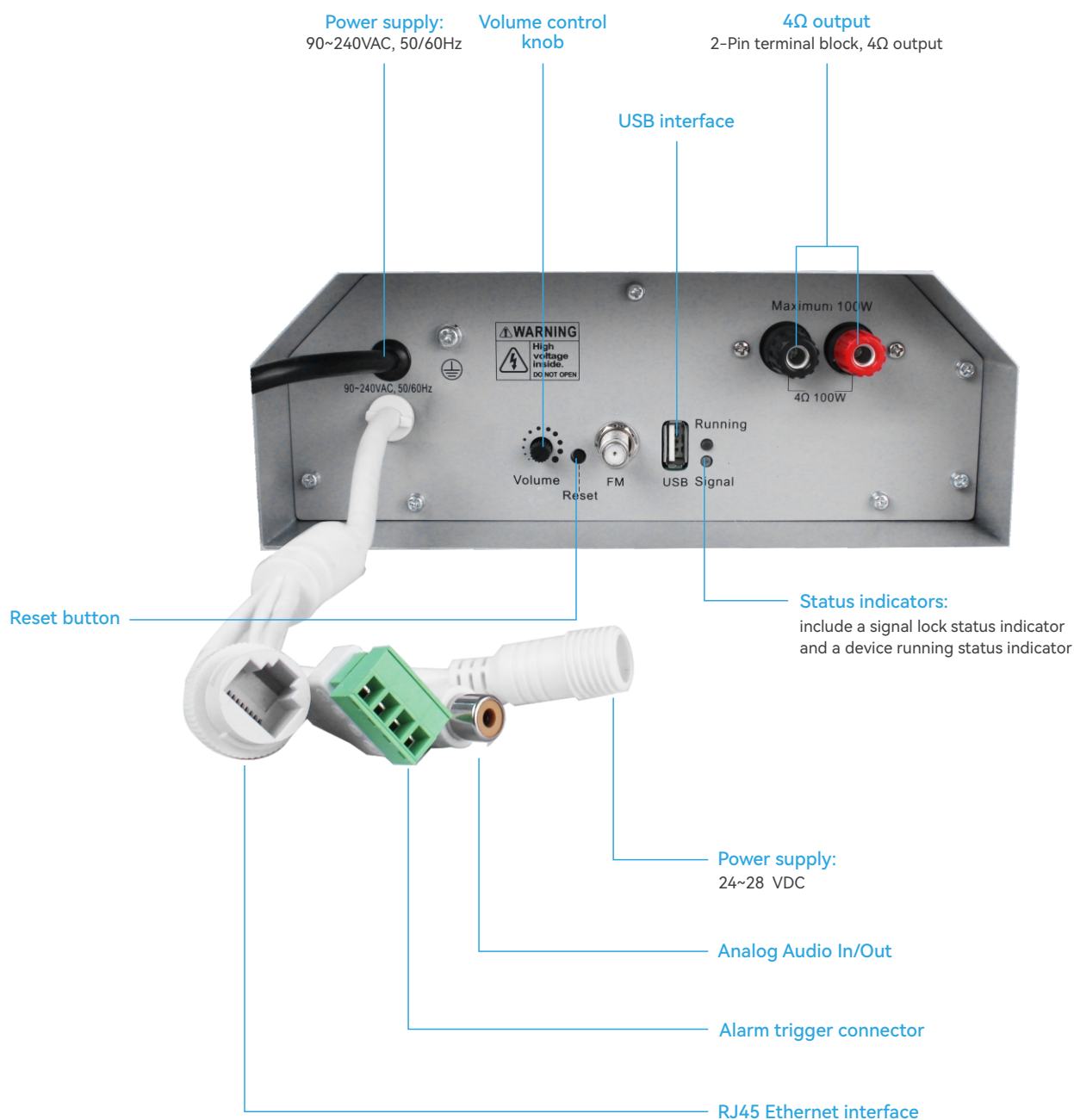
## ▶ SIMPLE AND EASY DEPLOYMENT

Enable the IP amplifier terminal via a single Cat-5/6 cable which can utilize existing IP network infrastructure to produce high-quality sound. Leveraging Audio - over - IP technology and encryption algorithms, it boasts robust anti - interference capabilities and low latency. Additionally, wiring with network cables is straightforward, enabling audio transmission over longer distances. The terminal is plug - and - play upon power - up, eliminating the need for elaborate configuration.



## ▶ PORT INFORMATION

(Take SPK-IPA-100E as an example)



## ▶ TECHNICAL SPECIFICATIONS

Model	SPK-IPA-100	SPK-IPA-100E
Power Consumption	100W	
Ethernet Interface	1× RJ45 (100Mbps)	1× RJ45 (100Mbps) (from wire harness)
Network Protocol	SIP, HTTP/HTTPS, TCP/IP, UDP, ARP, ICMP, IGMP, RTSP	
Digital Interface (DI)	/	1× 4-pin phoenix connector (1× RS485, 1× DI, all from wire harness)
RJ485 Interface	/	
Analog Audio Interface	/	1× RCA port, input/output (optional)
USB Interface	1× USB2.0 (Type-A)	
Volume Adjustment	Software (ACP-SW-1000) or App for remote control	1× volume control knob for local control; Software (ACP-SW-1000) or App for remote control
Upgrade	Local IP/USB file upgrade; OTA via software (ACP-SW-1000)	
VAC Input Voltage	90–240 V AC, 50/60 Hz	
VDC Input Voltage	/	1× DC 24~28V Jack, Φ5.5 mm with Φ2.2 mm female pin (all from wire harness)
Lightning Protection Rating	≥6 kV	
Ingress Protection	IP66	
Operating Temperature	-20–50°C (-4–122°F)	
Storage Temperature	-40–60°C (-40–140°F)	
Operating Humidity	< 90% RH	
Color	Gray, metal shell	
Dimension (W×H×D)	210×271×89 mm	
Weight	2.07 kg	

Product specifications are subject to change without notice.

## ▶ ORDERING INFORMATION

Model	Description
SPK-IPA-100	100W, outdoor IP amplifier terminal
SPK-IPA-100E	100W, outdoor IP amplifier terminal with RS485/DI interface and 24~28 VDC power supply

## ► DIMENSION DRAWING

