PAVA2240   Compact Voice Evacuation System Host

Description

PAVA2240 is the host of the voice evacuation system. With built-in 240W digital amplifier, not only can it send out warning and alarm, but also support handhold microphone to make voice evacuation. It can manage emergency alarming, fire alarm announcement and background music playing for 2 zones. It is an ideal application for small shopping malls, office building and sports venues.

Features

➢ Digital tube display screen to display time, power amplifier status, and emergency microphone status;

➢ One-key alarm and two kinds of editable alarm voices; EMC microphone for on-site voice evacuation;

➢ LED light to indicate system connection status and fault status;

➢ Support speaker line detection (light load, over load and short circuit);

➢ LED display to indicate the type of audio source of the current signal;

➢ 1 aux input interface, 1 paging microphone input, support offline detection; each paging record is automatically saved to SD card;

➢ Zone switch keys and LED display to indicate zone working status;

➢ Support AC power supply and 24V battery power supply; support automatically and seamlessly identify and convert. AC power supply is with the priority;

➢ Built-in two 240W digital power amplifier modules, which can have master and standby amplifier switch automatically;

➢ Equipped with 24V battery charger, which can be charged automatically when the system is powered by AC;

➢ System error information is backed up by logging in SD card;

➢ A/B line speaker output for two zones; independent power switch and volume control for each zone; with master volume control, treble and bass adjustment; each channel can output 240W, and the total power of 2 zones need to be within 240W;

➢ 2 channel link relay output interface (can control the short circuit of two wires to control other equipment); 2 24V output interfaces give peripheral equipment 24V (not greater than 0.5A) input signal;

➢ 2 input dry contacts, which can be integrated with the third-party system (such as the fire alarm system) through the input of dry nodes;

➢ Network cable interface for connecting to PAVA2200 paging microphone;

➢ With system LED test function button.

*S*pecification

Items		Index
Rated power output		240W (Note: please connect high impedance speaker within this load)
Rated voltage output		100V
Power supply		AC220V/50Hz
Sensitivity	Microphone	5mv（±1mv）
	Line input	1VRMS（±100mv）
SNR	Microphone	≥70dB
	Line input	≥80dB
Frequency response	Microphone	100Hz~10KHz(±3dB)
	Line input	80Hz~15KHz(±3dB)
The ratio of source electromotive force		≥12dB
Total harmonic distortion		≤0.5%
Tone adjustment range		±11±2 dB
Rated power consumption		350W
AC-DC power supply switching time		No intermittent
Main and standby amplifier switching time		No intermittent
Battery life of 12AH (two batteries in series form 24V)		2H (voice evacuation works normally)
Machine dimensions		500×400×180mm
Net weight		15KG (without batteries)
Battery	Size	≤150*100*100mm (2 pcs)
	Voltage	12V; (two batteries in series form 24V)

Technical specifications are subject to change without prior notice.