PAVA8500/PAVA8500E
Integrated Voice Alarm PA System

PAVA8500

PAVA8500E

Features

➢ With one-key alarm and two editable alarm voices; with EMC MIC for on-site guidance in emergencies;

➢ Built-in EVAC voice message and Chimes management, real-time monitoring;

➢ Built-in 500W digital power amplifier, and can be connected to a standby amplifier simultaneously, backup automatically;

➢ 8 zones with A & B circuit output, independent switch and volume control with master volume and treble and bass adjustment for each zone; each zone can output 500W, the total power of 8 zones ≤ 500W;

➢ 6 external inputs, including 2 differential inputs, 4 non-parallel inputs for background music playback; 1-channel output to connect extender or backup records;

➢ Support built-in audio playback (mp3, wav);

➢ Support extended zones for extended equipment, supporting up to 160 zones;

➢ Support automatic playback and timing function, fixed time and area playback, and unattended function;

➢ 8 trigger inputs (dry contacts and electrical level optional); 8 dry contacts trigger outputs, 8 24V override outputs;

➢ Support computer remote detection and control, audio priority setting, operation record view and impedance testing parameters setting;

➢ Support speaker line detection (grounding, open circuit, short circuit), and system detection (extended equipment, off-line MIC);

➢ Support AC power supply and DC 24V power supply, can automatically identify and switch, and detect AC, DC power connection and warn; AC power supply is usually the main power supply;

➢ Dial-up code setting, system equipment general detection / trigger mode configuration / host IP address selection / host IP address reset option / speaker loop calibration modeling;

➢ Support system failure, emergency output, emergency reset input;

➢ Equipment working status display: work/ fault /normal;

➢ External SD card interface, which can expand 8G storage space; external audio source, recording, log, built-in EVAC voice, etc.;

➢ With monitoring function, built-in recording function, built-in timing programming function, which can regularly program dry contacts to control power sequencer switch;

➢ Can output dual audio simultaneously to ensure background playback is not affected by emergency or business broadcast.

Specifications

Model		PAVA8500	PAVA8500E
Rated output power		≥500W（100V）	
Input sensitivity	Emergency mic	5mV 600Ω	▒▒ ___
	Line	1000mV 10kΩ	
Harmonic distortion	Emergency mic	<1% 1kHz	▒▒ ___
	Line	<1% 1kHz	
Freq. response	Emergency mic	80Hz-15kHz（±3dB）	▒▒ ___
	Line	50Hz-18kHz（±3dB）	
Signal to noise ratio	Emergency mic	>75dB（A weighting）	▒▒ ___
	Line	>80dB（A weighting）	
Line output	Output voltage	1000mV	▒▒ ___
	Frequency range	80Hz-15kHz（±3dB）	___
	Harmonic distortion	<1% 1kHz	▒▒ ___
System connection control contact output/input	System fault relay output	Short circuit, no voltage	
	Emergency mode relay output	Short circuit, no voltage	
	Fire reset input	Short circuit, t≥0.5S, no voltage	
	8 channel dry contact output	Short circuit, no voltage	
	8 dry contact input	Short circuit	Short circuit input, no voltage	
		Level mode	3.3V~24V	
Voice message	Data format	WAV	___
	Storage form	SD card	___
	Storage time	>10 years	▒▒ ___
Working power	AC	AC 220V/50Hz	
	DC	DC 24V/30A	
Package size (L*W*H)		550×510×215mm	
Machine size (L*W*H)		483×420×132mm	
G.W.		14kg	13.3kg
N.W.		12.05kg	11.75kg