

PAVA8500 8 Zones Integrated Voice Alarm PA System Centre



EN54-16 is a Integrated Voice Alarm PA System which supports timing programming and manual operation, and is manually prioritized; it supports real-time detection of equipment operation status and operation log records. It meets the standards of "EN54 - Part 16 Voice Alarm Control and Indicating Equipment" Automatic Control System for Fire Protection". This broadcast system can be used in fire emergency broadcast, daily business broadcast and background broadcast. It is a small emergency broadcast system, mainly used in small shopping malls, office buildings and exhibition halls.

8 zones speaker output(could be extended up to 1000 zones)

Built in 500W digital amplifier,integrated Dante technology

One button alarm, built in EVAC message & Chime

Support line detection of speakers (heavy load or short circuit or open circuit)

8 Zones speaker output with individual volume control

Support remote Mic zones or group paging

DC battery backup monitoring

Real time monitor with EMC microphone for emergency situation avacuation

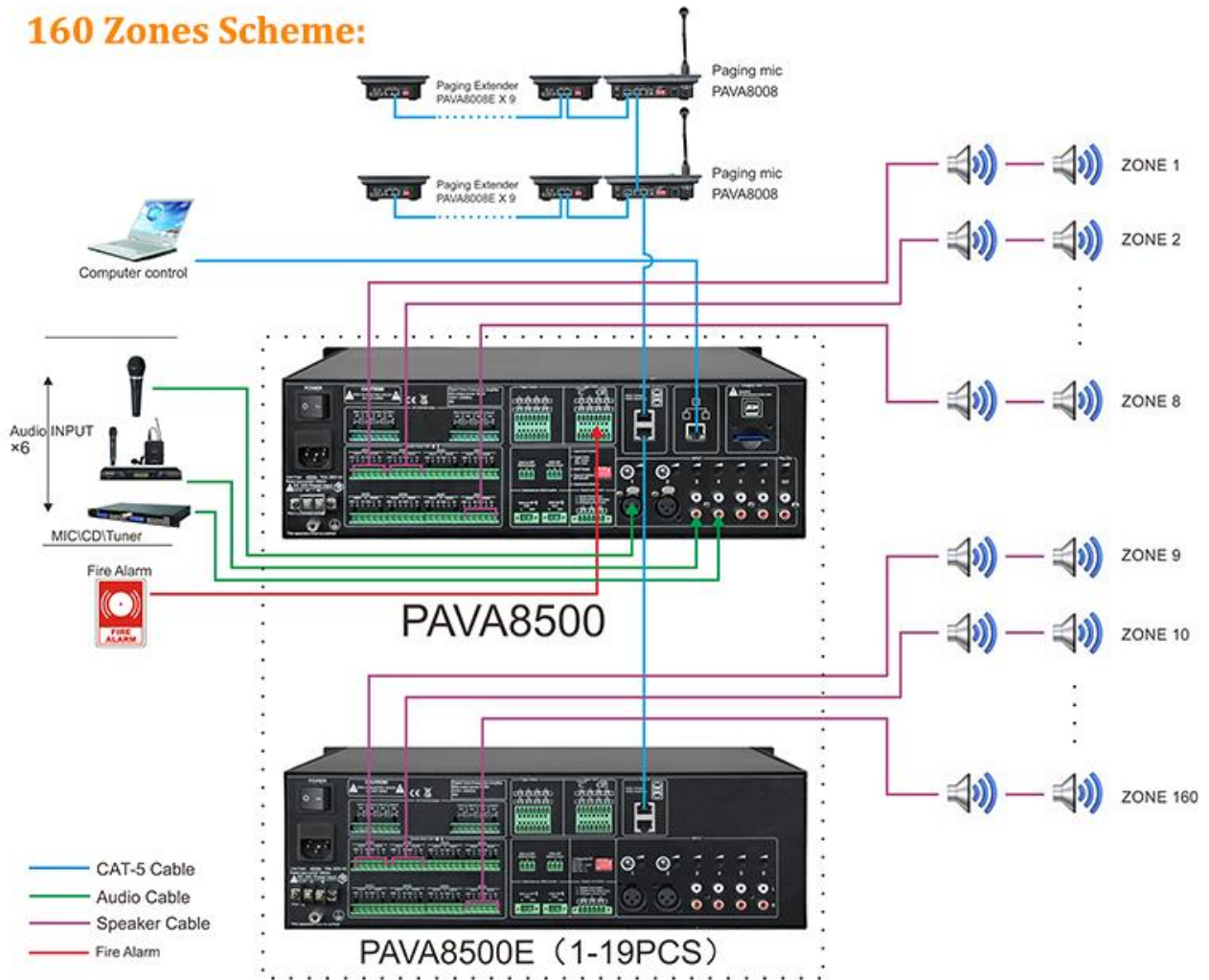
8 dry contact trigger input/output, DC24V override output

Support 100V Speaker AB line outputs with impedance supervision

Support PC control and built-in timer

Comply with EN54-16 requirements

160 Zones Scheme:



Features:

- 8 zones speaker output(could be extended up to 1000 zones)
- Built in 500W digital amplifier,integrated Dante technology
- One button alarm, built in EVAC message & Chime
- Support line detection of speakers (heavy load or short circuit or open circuit)
- 8 Zones speaker output with individual volume control

- Support remote Mic zones or group paging
- DC battery backup monitoring

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	>70dB (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 mode	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