

EVAC-8500 8 Zone Voice Alarm Evacuation PA System Center

Product ID: EVAC-8500



Short Description

500W digital amplifier
8 zone speaker output
Integrated with Dante
Comply with EN54-16

Description

EVAC-8500 voice evacuation system is an EN54-16 Integrated Voice Alarm PA System which supports timing programming and manual operation (manually prioritized), supports real-time detection equipment operation status and operation log records. It meets the “EN54 - Part 16 Voice Alarm Control and Indicating Equipment” Automatic Control System for Fire Protection” standard. This broadcast system is a small emergency system, can be used in fire emergency broadcast, daily business broadcast and background broadcast, like small shopping malls, office buildings and exhibition halls.

? 8 zone 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 Zone speaker output with individual volume control
- ? Support remote zone or zone group paging
- ? DC battery backup monitoring
- ? Real time monitor with EMC microphone for emergency situation evacuation
- ? 8 dry contact trigger input/output
- ? DC24V override output
- ? Support 100V speaker AB line output with impedance supervision
- ? Support PC control and build-in timer
- ? Comply with EN54-16 standard

Specificaiton

Model		EVAC-8500	EVAC-8500E
Rated output power		?500W (100V)	
Input sensitivity	Emergency mic	5mV 600?	-
	Line	1000mV 10k?	
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	System fault relay output	Short circuit, no voltage	

control contact output/input	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		
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 (mm)			550×510×215 (L*W*H)	
Machine size (mm)			483×420×132 (L*W*H)	
G.W. (Kg)			14	13.3
N.W. (Kg)			12.05	11.75

Product Gallery

