

8 Zone Voice Evacuation Controller

DVA8-500W



Feature:

- Built in 650W high-efficiency power amplifier, integrated 8 power A + B independent dual-speaker loop zone output, each zone has independent LED indicator, independent output control buttons and volume adjustment.
- 4 audio balanced input interfaces for playing any audio source in the zones.
- Local emergency PTT microphone input and emergency voice can be configured by PC software to be Played in Specific Zone.
- Integrate independent MP3 playback module, support USB, SD card and FM tuner function.
- Automatically detect the working status of each zone loop (fault, normal)
- The 8-channel trigger input/output port can trigger the emergency voice preset by the PC software to the specified zone or the corresponding external power source to the corresponding event warning.
- Support third-party emergency audio input (user-defined emergency audio source).
- Integrated independent EVAC/ALERT voice information player.
- There are online interface for the remote paging microphone and fireman microphone.
- The connection between each paging station uses standard RJ45 network port and standard CAT-5 network cable.
- The voice transmission uses balanced transmission mode for long-distance transmission.
- Controller online interface can be connected to the slave unit, it uses standard RJ-45 network port and standard CAT-5 network cable.
- 1 Channel TCP/IP communication interface, supports visual interface operation based on Window platform, and the system status can be automatically synchronized.
- Support DC24V battery backup power supply.
- With power amplifier monitoring function.
- Support PTT recording function, no external equipment required.
- With System fault output, emergency dry contact output and dry contact reset input for emergency status.
- The zone output has three-wire and four-wire over-riding adjustment function.
- With IP address reset function and impedance calibration function.
- The master-slave unit is integrated, and the device can be used as a controller or a slave unit by setting DIP address, and the maximum of 19 slaves can be simultaneously online.
- The system can extend the number of the zones by slave units, it support 160 zones maximum

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Specification:

Model	DVA8-500W
Voltage	~ 220V±20%, 50/60Hz
Fuse Specifications	10A Slow Breaking Type
MIC Input	
Sensitivity	±2.5mV
Frequency response	200Hz~10KHz
Input Impedance	1KΩ
Signal to noise ratio	>65dB
Balanced Line Input	
Sensitivity	±385mV
Frequency response	20Hz~20KHz
Input impedance	10KΩ
Signal to noise ratio	>70dB
Trigger mode	short circuit trigger and level trigger
Output mode	relay short circuit output
Size (L×W×H)	835*550*290mm
Net weight	23Kg
Installation	Wall Mounted
Color	Fireman's Red
Operating temperature	-10°C~ +50°C
Storage temperature	-20°C~ +70°C
Relative temperature	<95%
RS485 interface	Slave RS485 interface. Supports the highest baud rate of 38400bps. Support up to 19 expansion machines.
CAN interface	Remote MIC console CAN interface. Baud rate 50Kbps. Supports up to 28 remote Microphone and 4 Fireman Remote Microphone.

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