



# 8 Zone Voice Evacuation Controller

## VA-8650WM



### Features

- \* 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 RJ-45 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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### Specifications

<b>Model</b>	VA-8650WM
<b>Voltage</b>	~ 220V±20%, 50/60Hz
<b>Fuse specifications</b>	10A slow breaking type
<b>MIC input</b>	
<b>Sensitivity</b>	±2.5mV
<b>Frequency response</b>	200Hz~10KHz
<b>Input impedance</b>	1KΩ
<b>Signal to noise ratio</b>	>65dB
<b>Balanced line input</b>	
<b>Sensitivity</b>	±385mV
<b>Frequency response</b>	80Hz~16KHz
<b>Input impedance</b>	10KΩ
<b>Signal to noise ratio</b>	>70dB
<b>RS485 interface</b>	Slave RS485 interface Supports the highest baud rate of 38400bps Support up to 19 expansion machines
<b>CAN interface</b>	Remote MIC console CAN interface Baud rate 50Kbps Supports up to 28 remote Microphone and 4 Fireman Remote Microphone
<b>Trigger mode</b>	short circuit trigger and level trigger
<b>Output mode</b>	relay short circuit output
<b>Size (L×W×H)</b>	835*550*290mm
<b>Net weight</b>	23Kg
<b>Installation</b>	Wall Mounted
<b>Color</b>	Fireman's Red
<b>Operating temperature</b>	+5℃ ~ +40℃
<b>Storage temperature</b>	-20℃ ~ +70℃
<b>Relative temperature</b>	<95%