

Description

AW-EVC500 emergency voice evacuation controller is suitable for communication and dispatch in case of fire or emergency in the building. When a fire occurs in the application scene, the emergency evacuation audio will be played, and the on-site personnel can make a speaker call through the controller microphone to schedule the on-site evacuation.

AW-EVC500 emergency voice evacuation controller adopts 3.2-inch LCD screen, silicone button operation, simple interaction operation, and the interactive page is simple and beautiful. The device has 10 zones of speaker output interfaces, 10 zones of fire detection input interfaces, 1 zone of AUX input interface, 1 CAN interface, 1 USB interface, 1 microphone, 2 zones of fault output interfaces, and 2 zones of fire alarm output interfaces.



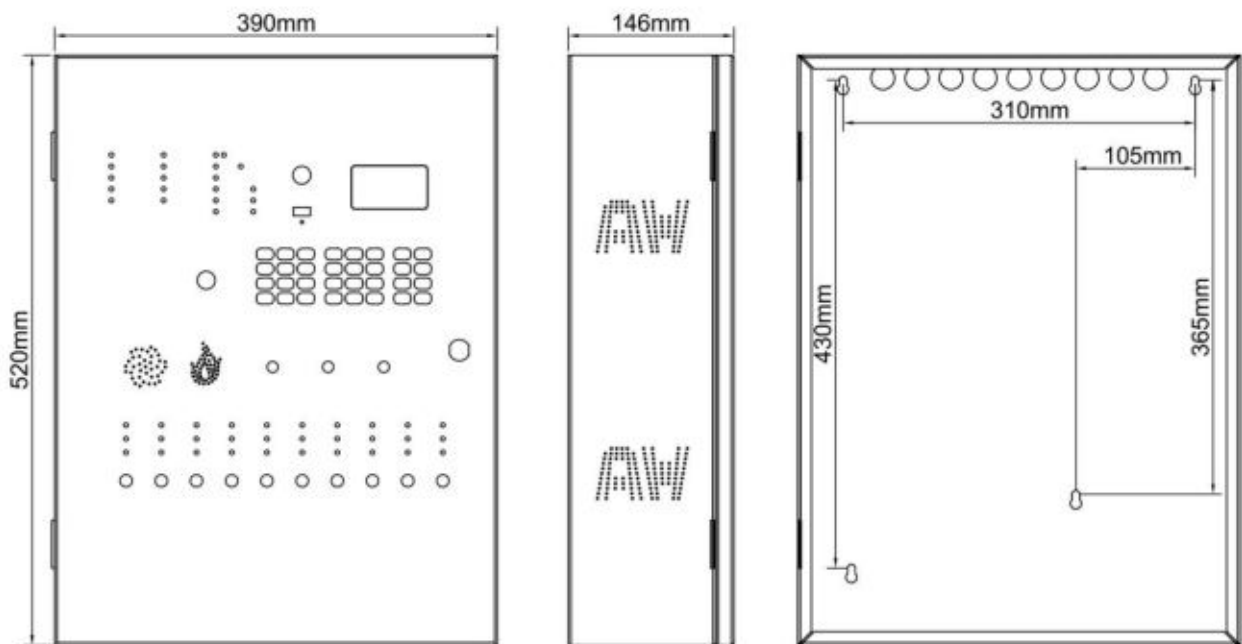
Features

- ✓ 3.2-inch LCD screen operation
- ✓ Silicone buttons, beautiful appearance, good using experience and long service life
- ✓ 1 USB interface, which can be used to import and export data when configuring the controller information, or play the audio in the USB, and the internal TF card stores the alarm voice, which can be used when needed
- ✓ There are 10 zones of speaker output interfaces in total. There are 3 knobs on the main panel to adjust the volume, high tone and low tone of the speaker audio output respectively. In addition to the general adjustment knob, each voice section has a knob for 4-level volume range adjustment. Each speaker has a setting page that can be individually switched on and off
- ✓ There are 10 zones of fire detection input, which are activated one by one with the 10 zones of speaker zones when the fire alarm is triggered
- ✓ 1 CAN communication interface, which can be linked with other panel fire alarms, and the speaker zone that needs to be activated can be set on the setting page
- ✓ 1-zone background music AUX input interface, 1- zone USB MP3 audio source interface, 2- zone front audio source signal output interface, the front audio source output port can be used as an external speaker power amplifier audio source input for extended output
- ✓ 1 monitoring speaker, which can monitor the audio of the input audio source
- ✓ Support AC power supply and 24V battery power supply, can automatically identify and switch, AC power supply priority
- ✓ A red alarm button is used to speaker alarms in emergency, open all zones, and output emergency signals to the speakers in each zone
- ✓ Supports playback of audio in MP3, WAV format with USB flash disk and Bluetooth
- ✓ 2 loops of paging input interfaces, which can connect two paging devices, and can broadcast notification and audio through Paging at a long distance.

Technical Specification

Model	AW-EVC500
Rated input voltage	230VAC(±15%), 50Hz/60Hz
Standby battery	Two 12V/12Ah lead-acid batteries in series
Working environment	Relative humidity (<95%) at -20 ~40 °C, no condensation)
Fuse	AC power input fuse: 3.15A/250V 5*20mm, glass tube fuse slowly blow Battery output fuse: 10A/250V 5*20mm, glass tube fuse, slowly blow
Frequency response	SD card and AUX input: 80HZ-10KHZ±3DB MIC: 100HZ-10KHZ±3DB
Amplifier max. total power	500W
Max points in each fire zone	20 pcs (including MCPs)
Paging distance	>=600m(with CAT-5E OFC cable)

Product Diagram



Front view

Side view

Mounting diagram