



AW-EV602 Multi-Zone Speaker Selector

User Manual



Version: 1.0

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Version description

Version	Description	Date
V1.0	First established.	Aug 28 th 2023

1 Product Specification

Features

- 1.1 5 zone control boards, 50 speaker zones in total, used for extending zones, and can also be used to expand power with external power amplifiers. Each speaker zone has an independent isolating switch.
- 1.2 Each zone board has 10 speaker zones, 1 audio input and 1 audio output.
- 1.3 Indicators for each zone board: 1 power indicator, 10 activation indicators, 10 isolation indicators.

Button introduction

Button	Function
ON / OFF	Press to change the isolation status of the current zone.

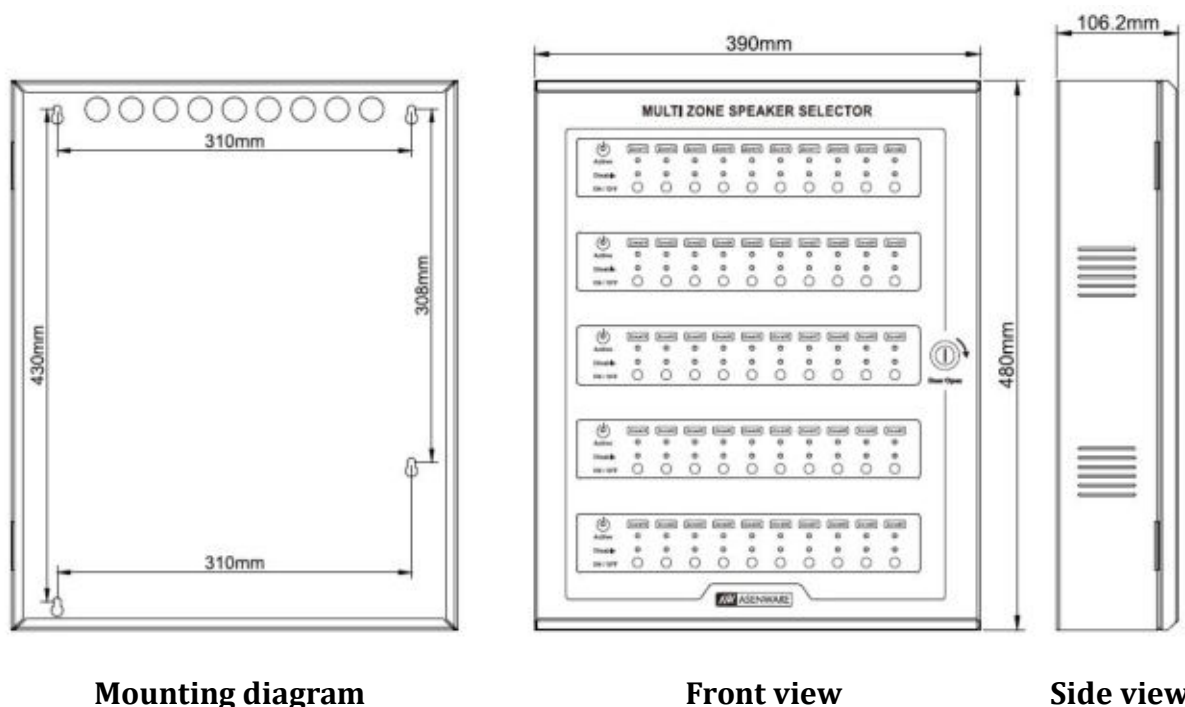
LED indicators specification

Indicator Name	Color	Status specification
POWER	Green	When the power supply of the front zone board is normal, the green light is on.
Activate	Red	When the current zone is activated, the red light is on.
Disable	Yellow	When the current zone is isolated, the yellow light is on.

Electrical parameters

Rated input voltage	~110VAC~ 260VAC ,50/60Hz
Standby battery	Two 12V/2.3Ah lead-acid batteries in series
Work Temperature	-10℃~50℃
Work Humidity	≤95% RH
Size	390*480*106.2mm

Panel side view, front view and mounting diagram



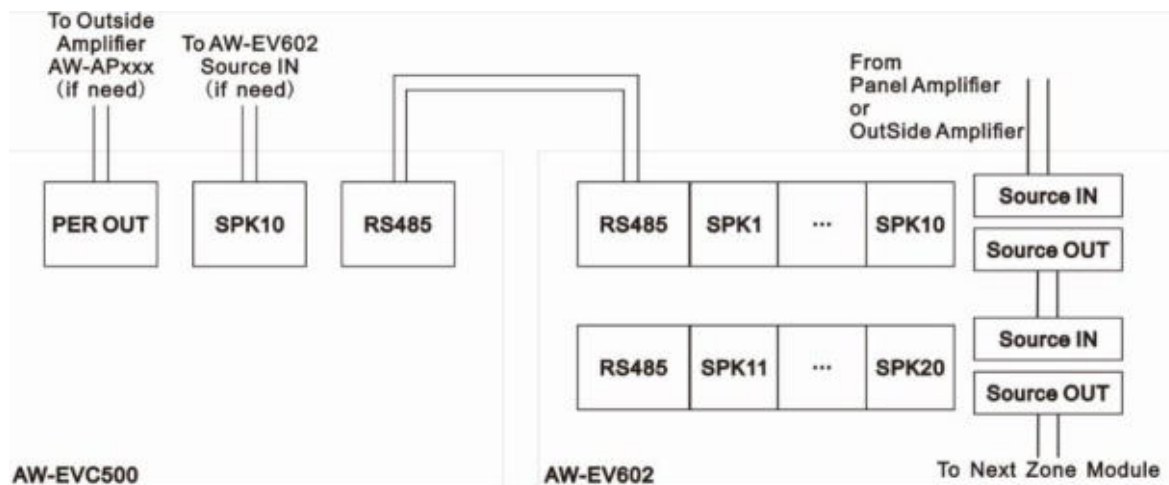
Mounting diagram

Front view

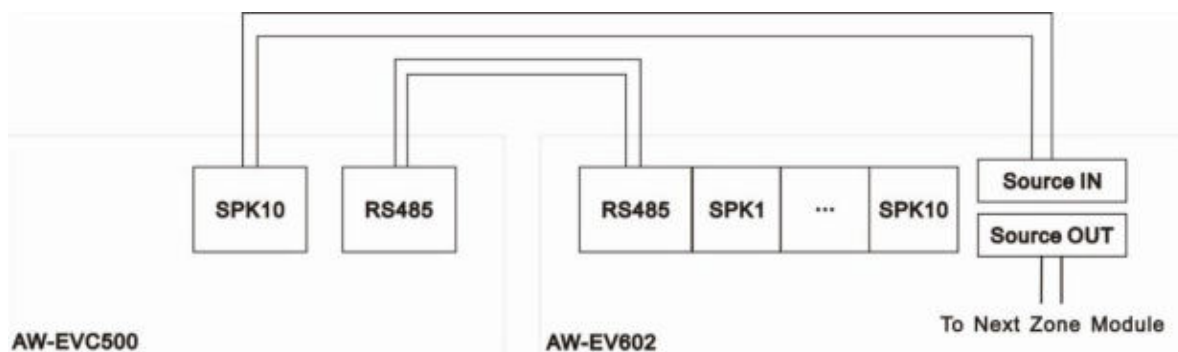
Side view

2 Installation Wiring Instructions

The overall wiring diagram:

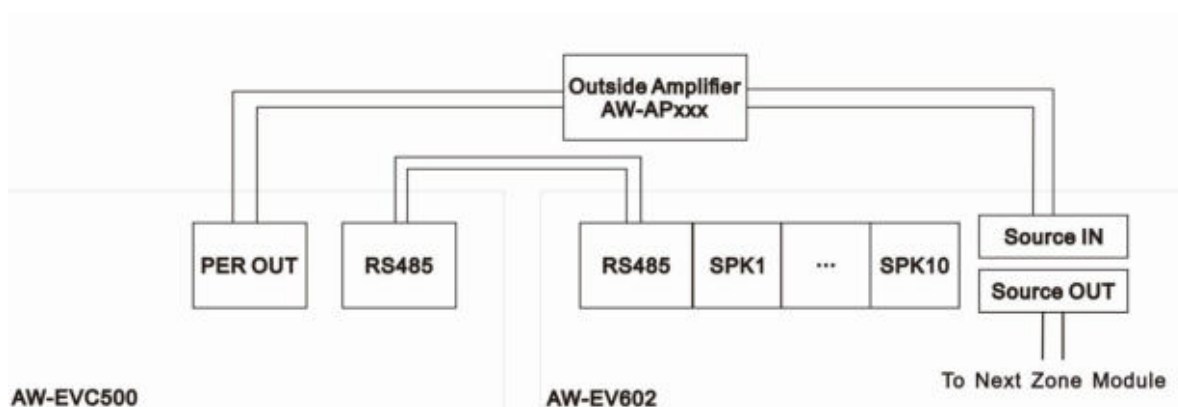


Wiring method 1: When AW-EV602 multi-zone speaker selector uses the internal power amplifier of AW-EVC500 emergency voice evacuation panel, it is necessary to connect the 10th loop output of the panel as the audio source input of the multi-zone speaker selector. To use this wiring method, you also need to make relevant settings on AW-EVC500 emergency voice evacuation panel setting page, and use the 10th loop speaker output as the input of AW-EV602 multi-zone speaker selector.



Wiring method 1

Wiring method 2: When AW-EV602 multi-zone speaker selector uses an external power amplifier.



Wiring method 2

3 AW-EVC500 Emergency Voice Evacuation Panel Related Settings

For the zones extended by AW-EV602 multi-zone speaker selector, except for zone fault detection function, they all have the same zone functions and related zone settings of the zones in AW-EVC500 emergency voice evacuation panel. When using AW-EV602 multi-zone speaker selector, you need to set "External ZoneBoard Number" and whether to "Set Zone10 as external source" in the "System Swtup" page on AW-EVC500 emergency voice evacuation panel.



Notes: When the 10th loop speaker zone is selected as the audio source input, the zone will always be turned on.