

EMZS-8012

12-Ch Speaker Zone Selector



Product Descriptions

EMZS-8012 is designed to deliver output from Power Amplifier to selected zones. The PA speaker outputs are connected to the zone selector through high quality relay networks. The switching can be remotely controlled from EMKP-8001 digital paging console via CAT5 cable up to 1.2Km or through analog hardware port up to 300m in length. Further more the analog hardware can be configured to positive edge trigger or negative edge trigger. This makes the EMZS-8012 versatile and easily compatible to other zone selector controllers in the market.

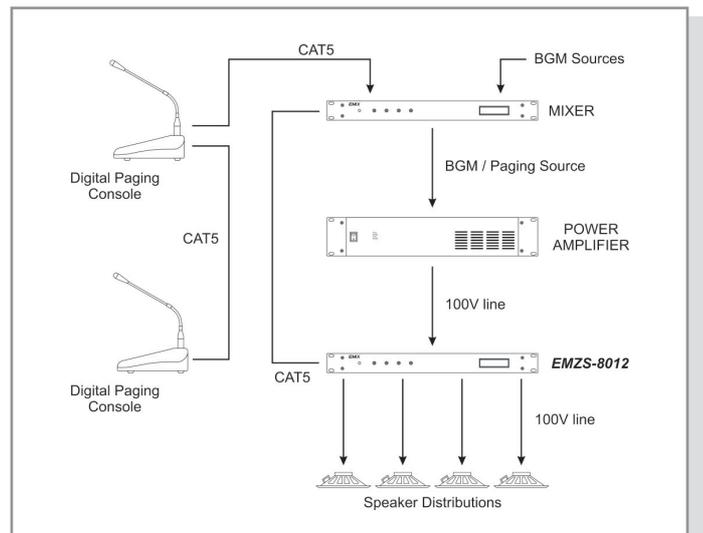
Features

- ❑ Built-in Microchip controller makes every step of control simple to operate
- ❑ 2x16 characters Liquid crystal display (LCD) to display system status & messages
- ❑ Easily expandable to 180 zones (cascade 15 units of EMZS-8012 via RJ-45)
- ❑ Dual remote triggering ports (RJ-45 digital ports and 12Ch-hardwire analog port)
- ❑ Digital remote control from EMIX digital paging console through CAT-5 up to 1.2Km
- ❑ Analog selectable positive or negative edge hardwire remote control up to 300m
- ❑ Built-in external ALL CALL top priority override triggering port for Emergency
- ❑ Twin RJ-45 digital ports for easy connection with other EMIX digital devices
- ❑ Software based ID address setting to eliminate complicated DIP switches setting
- ❑ Programmable Background music (BGM) setting with Recall function
- ❑ Flexible front panel buttons (4) for simple zone configurations

Technical Specifications

Power Requirement	24V DC
Power Consumption	100mA (Standby) , 380mA (All Call)
Max Load per Channel	5A at 100V Line
Amplifier Inputs	12 channels
Zones Outputs	12 channels
BGM Selection	Front panel switches
Paging Selection	Hardwire & Software RS485 remote triggering
Hardwire Triggering	Selectable Positive Or Negative triggering mode
Cascade	15 Units of EMZS-8012 (180 zones)
Memory	For BGM selection (Save & Recall)
Display	2 x 16 characters LCD
Dimension (WxHxD)	483mm x 45mm x 224mm (1U)
Weight	2.86 kg

Application Schematic



rear view

