

# EMZS-8006

## 6 Channels Speaker Zone Selector



### Product Descriptions

EMZS-8006 is a 6 channel uninterrupted speaker zone selector. It is designed to configure for more complicated public address systems, which consist of 2 sources, the PG amplifier and BGM amplifier. There are three selectable modes in this device. In the Uninterrupted mode, individual channels can be set to play Music (BGM) or Paging (PG) or Silent (OFF). In the two-state mode, each channel can either be in BGM or PG. The OFF/PG mode means the output remains silent when there is no paging. It also supports 3-wire and 4-wire Volume Control override system. Emergency All Call priority overrides can be activated through the RJ-45 digital port or by analog hardware terminals. The EMSZ-8006 can easily be expanded to 180 zones via the digital port.

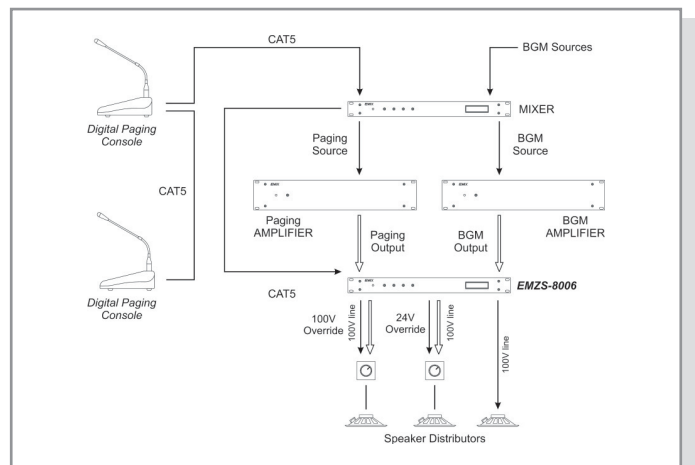
### Features

- ❑ 3 selectable modes: 1) The Uninterrupted, 2) BGM/PG mode and 3) OFF/PG mode
  - 1) Uninterrupted mode: BGM or PG (paging) or OFF (silent)
  - 2) Two-state mode: BGM (background music) or PG (paging)
  - 3) OFF&PG mode: OFF (silent) or PG (paging)
- ❑ Supports 3-wire or 4-wire emergency override systems
- ❑ Independent 3-wire or 4-wire volume control override for each channel
- ❑ Expandable up to 180 zones uninterrupted or cascade up to 30 units
- ❑ All Call top priority emergency override trigger terminal ready
- ❑ Emergency override triggering through digital port or hardware port
- ❑ Selectable positive edge trigger or negative edge trigger on analog port
- ❑ Twin RJ-45 digital communication ports for easy linking
- ❑ Microchip controller makes complicated system simple
- ❑ Software ID address setting to eliminate complicate dip switches setup

### Technical Specifications

Power Requirement	24V DC
Power Consumption	100mA (Standby), 230mA (All BGM), 400mA (All Call with override system)
Max Load per Channel	5A at 100V Line
Amplifier Inputs	6ch BGM & 6ch Paging
Zones Outputs	6 Channels
BGM Selection	Front panel switches
Paging Selection	Hardware & Software RS485 remote triggering
Hardware Triggering	Selectable Positive Or Negative triggering mode
Cascade	30 Units of EMZS-8006 (180 zones)
Memory	For BGM selection (Save & Recall)
Display	2x16 characters LCD
Dimension (WxHxD)	483mm x 45mm x 224mm (1U)
Weight	1.2 kg

### Application Schematic



rear view

