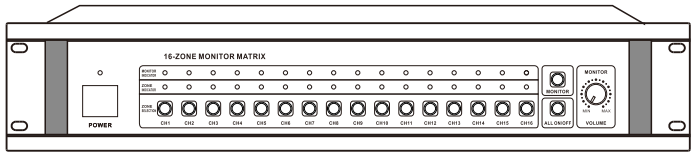
16 ZONE SPEAKER SELECTOR

CAUTION:Do not open the equipment cover arbitrarily, so as not to electric shock.Please contact the professionals to maintain if necessary .



User Manual

The products are constantly improving,subject to change without notice.

Thank you for purchasing the16 Zone Speaker Selector.
Please carefully follow the instructions in this manual to ensure long, trouble-free use of the equipment.

Accessories

AC power cord 1
User manual 1
AUX cable 1
Warranty card 1

Safety Precautions



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

⚠ CAUTION Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.

Operation Notes

1.This equipment has passed the strict inspection, however, you should turn off the power, pull out the power plug when discover some following anomalies in case, and contact the dealer.

A.If smelled smoke and peculiar smell which set out from the equipment.

B.If water or any metal immerge or fall into the equipment.

C.If the equipment fell or the shell damaged.

D.If the power cable damaged.

E.If the equipment failed.

F.If the equipment distorted badly.

2.This equipment contains high voltage components, please do not arbitrarily open, so as not to cause fire or electric shock, if need to maintain, please contact dealer or professionals to handle

3.Do not lay liquid container or metal on the equipment top, if they fall into the equipment, it may cause fire or electric shock

4.Do not fall metal or flammable object into the ventilation slot, so as not to cause fire or electric shock. Do not touch the power plug when thundering and fulmination, so as not to cause injury of electric shock .

5.Do not lay heavy object on the equipment top, so as to avoid falling or damage, and even cause injury to persons or damage to equipment and property, in addition, heavy object falling itself may cause injury or damage.

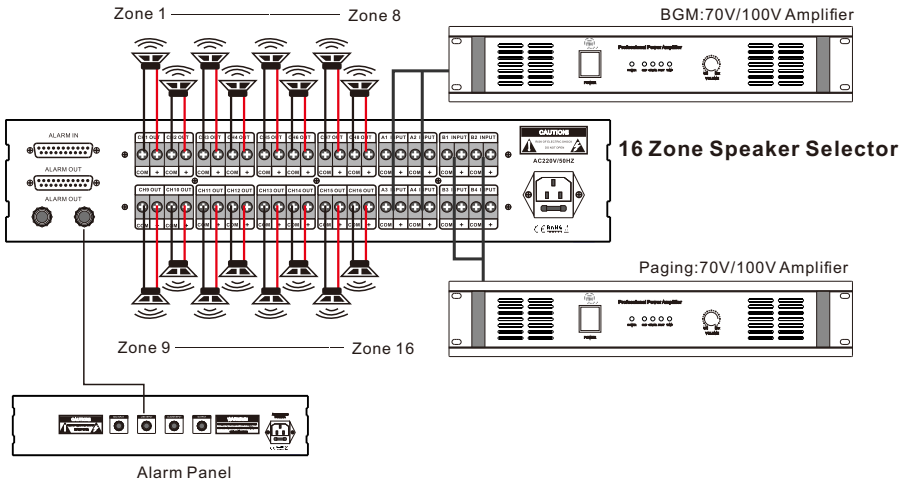
6.If found voice distortion situation, please do not operate this equipment for long time, this is also a fault alarm message, if use unceasingly ,it may cause overheating and fire.

7.To clean equipment, please contact with the dealer, if the dust accumulated in the equipment for long time, it may cause fire or damage.

8.Lay this equipment on a stable location, and make a appropriate treatment to prevent falling, otherwise it may cause the equipment falling, and cause injury to persons or damage to equipment and property.

9.So as to avoid the inner temperature to rise, the equipment should be 10 centimeter far from the barrier.

Connection Illustration

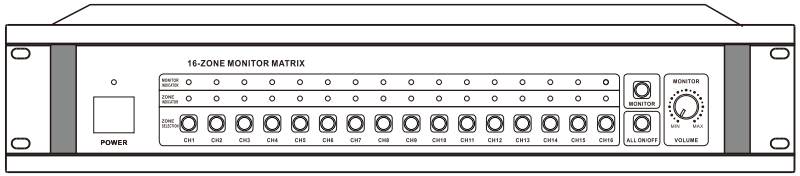


Note:

The above connection is based on 16 zones of speakers loaded.

According to the total power watt of speakers to choose the suitable amplifier, one amplifier of this shall be connected with all BGM Inputs of A1,A2,A3,A4; the other one shall be connected with all Paging Inputs of B1,B2,B3,B4.

Amplifier can be expanded up to four units separately connected with A1,A2, A3,A4 of BGM input when there is requirement of high watt of total speakers loaded,with same idea to B1,B2,B3,B4 of Paging Input.



Descriptions & Features

This unit is a 16 zone speaker selector switch that allows the user to distribute an amplified speaker signal to multiple listening zones that can be turned on or off.

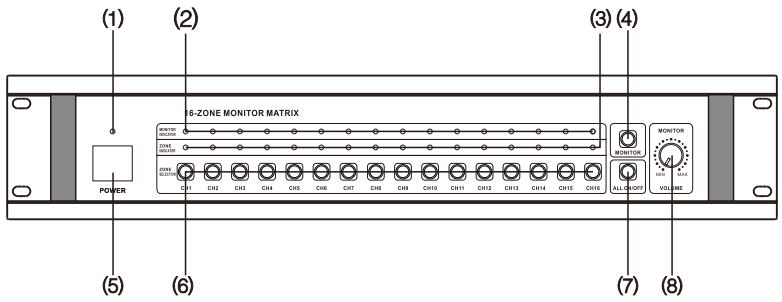
Allows up to 16 zone outputs (CH1 - CH16) for paging and BGM distribution, with 4 channel inputs (A1,A2,A3,A4) of amplified signal for BGM, with 4 channel inputs (B1,B2,B3,B4) of amplified signal for paging.

Paging signal has priority overriding BGM signal.

Built-in monitor speaker with volume control on front panel offers cost effective solution without needing to add separate monitor device in the pa system.

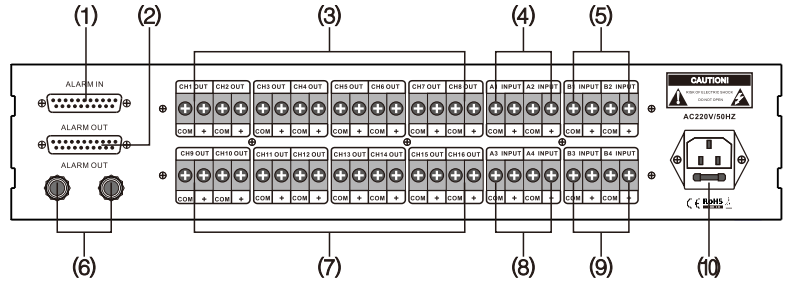
※ Supports 16 zones for BGM and paging.
※ Built-in monitor speaker with volume control on front panel.
※ Separate input for BGM and paging.
※ 70V/100V amplifiered signal input and 16 zone outputs for speakers.
※ Each zone has LED indicator.
※ 25-pin activation bus.
※ Power Handling: maximum 8kW total capacity, maximum 2000W per zone.

Front panel



(1) Power Indicator
(2) Monitor Indicator (CH1~CH16)
(3) Zone Indicator (CH1~CH16)
(4) Monitored Zone Option
(5) Power Switch
(6) 16 Zone Switches (CH1~CH16)
(7) Zone Switch of ALL ON/OFF
(8) Monitor Speaker Volume

Rear panel

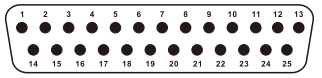


(1) 5-pin Activation Input Bus
(2) 5-pin Activation Output Bus
(3) Speaker Outputs (CH1~CH8)
(4) Amplified BGM Signal Inputs (A1~A2)
(5) Amplified Paging Signal Inputs (B1~B2)
(6) Alarm Output Port
(7) Speaker Outputs (CH9~CH16)
(8) Amplified BGM Signal Inputs (A3~A4)
(9) Amplified Paging Signal Inputs (B3~B4)
(10) AC Power Supply With Fuse

Note:

BGM signal inputs (A1~A4) and paging signal inputs (B1~B4) connected with separate amplifier.
One amplifier connected with 4 BGM signal inputs(A1~A4) or 4 paging inputs(B1~B4).
Expanded up to four amplifiers connected separately with 4 BGM signal inputs (A1~A4) or 4 paging inputs(B1~B4) if there is high watt of total loaded speakers.

25-pin Activation Output Bus



Note:
1~16 pin separately for 16 zones CH1~ CH16,
17~25 pin for COM ports.

Specifications

Model	
A1 Input	For 70V/100V amplified BGM signal "CH1-CH4"
A2 Input	For 70V/100V amplified BGM signal "CH5-CH8"
A3 Input	For 70V/100V amplified BGM signal "CH9-CH12"
A4 Input	For 70V/100V amplified BGM signal "CH13-CH16"
B1 Input	For 70V/100V amplified BGM signal "CH1-CH4"
B2 Input	For 70V/100V amplified paging signal "CH5-CH8"
B3 Input	For 70V/100V amplified paging signal "CH9-CH12"
B4 Input	For 70V/100V amplified paging signal CH13-CH16"
Power Handling	Maximum 8kW total capacity, maximum 2000W per zone
Alarm Input	(0V) short cut signal (ALARM IN)
Alarm Output	(0V) short cut signal (ALARM OUT)
Protection	AC FUSE×0.5A
Power Supply	AC 220V ± 10% 50-60Hz
Power Consumption	15-20W
Dimension	89×483×366 mm
Net Weight	6.80Kg
Gross Weight	8.36Kg