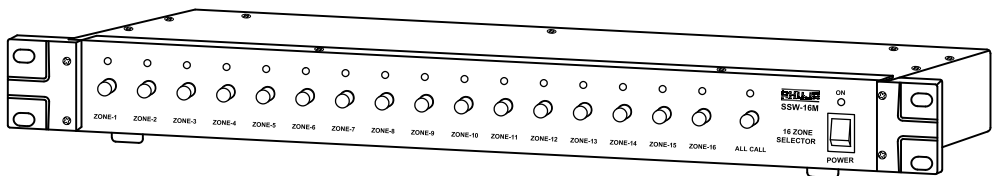


SSW-16M



- ◆ Thank you for purchasing the AHUJA 16 Channel Zone Selector.
- ◆ Please read this manual thoroughly before making connections and turning on the power. Following the instructions in this manual will enable you to obtain optimum performance from your new AHUJA 16 Channel Zone Selector.
- ◆ Please retain this manual for future reference.

• Safety Instructions

Read the Instructions: Please read all the instructions in this section carefully before installation or use of the product. All the safety instructions must be followed.

Retain the Instructions: Please retain this Instruction Manual for future reference.



This symbol, wherever it appears, alerts you to the presence of uninsulated hazardous voltage that may be sufficient to constitute a risk of electric shock. External wiring to any terminal marked with this symbol must be done by a trained and instructed person only.



This symbol, wherever it appears adjacent to a component, alerts you that the concerned component can only be replaced by another of the exact same specifications.

WARNING

- To reduce the risk of electric shock, do not remove the top cover. No user serviceable parts inside. Refer all servicing to qualified personnel only.
- Before replacing any fuse, make sure the set is switched off and disconnected from the AC mains or any other power source. Replace a fuse only with another of exactly same specification.

CAUTIONS

Water & Moisture: To reduce the risk of fire or electrical shock, do not expose this set to rain or moisture. Do not use this set near water or in a wet location. Do not keep any object filled with liquid, such as a vase, on top of this set. Do not insert or remove the AC mains plug with wet hands.

Power Source: The voltage & frequency of the AC mains supply, and the voltage of the external battery, (if applicable) to which this set can be connected, is marked on the rear panel of the set. Do not connect this set to any power source other than those specified on the rear panel.

Power Cord Protection: Do not cut, kink, damage or modify the AC power cord supplied with this set. Keep the AC power cord away from heaters and harmful chemicals. Do not keep any heavy object on the power cord.

Operation on Generator: When operating this set on a generator, make sure the set is switched off till the generator voltage has stabilized.

Stability: This set must be kept in a stable and flat horizontal position, and never in a tilted position. Do not place this set on an unstable stand, tripod, bracket or mount. Do not use attachments which are not supplied or explicitly recommended by the manufacturer.

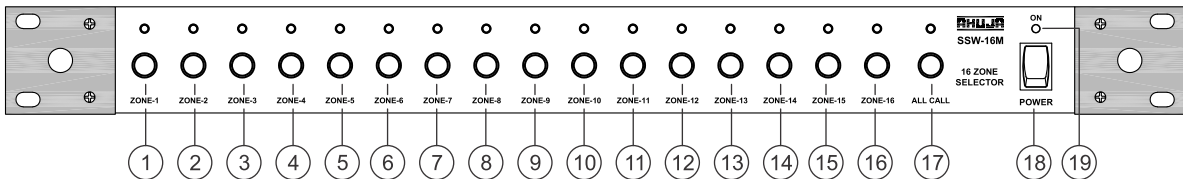
Earthing: This set must be earthed properly before use. A wire from the Earth terminal on the rear panel must be connected to electrical earth.

Cleaning: Disconnect this equipment from the AC mains and external battery before cleaning. Clean with a damp cloth, but do not allow any liquid to enter the set. Do not clean with liquids or aerosols.

• Features & Operation

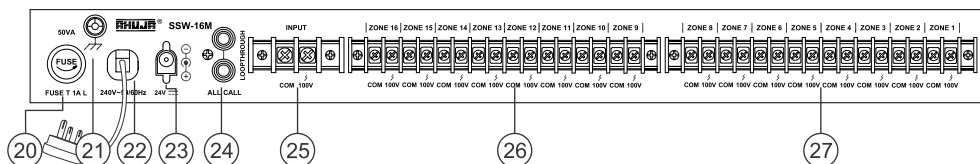
- SSW-16M is designed to switch the 100V output of any AHUJA PA amplifier to any one or more upto 16 zones.
- Connect the 100V output of the amplifier to the 100V INPUT on the rear panel of SSW-16M. Speakers of upto 16 different zones can be connected to the zonal output terminals on the rear panel. The amplifier signal can be switched to any one (or more) zone by pressing the appropriate switch on the front panel.
- A relay is provided for switching the input signal to all the zones by pressing ALL CALL switch on the front panel.
- When multiple units of SSW-16M are used, ALL CALL activation is possible from any one SSW-16M, by using LOOP THROUGH facility.
- Use only speakers with 100V line matching transformer.

• Front Panel Controls & Features



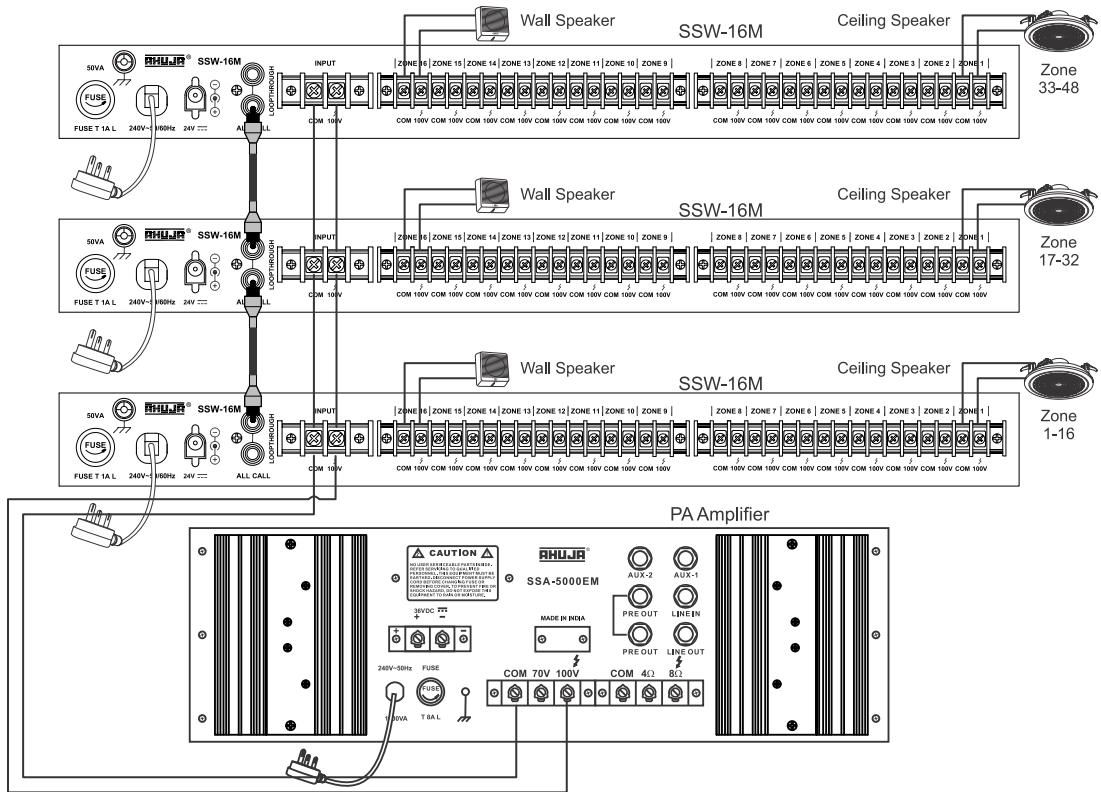
1. When ZONE-1 button is pressed, ZONE-1 red LED lights up and 100V output is available at ZONE-1 terminal on the rear panel. Press ZONE-1 switch again to switch OFF this zone.
2. When ZONE-2 button is pressed, ZONE-2 red LED lights up and 100V output is available at ZONE-2 terminal on the rear panel. Press ZONE-2 switch again to switch OFF this zone.
... and similarly for each of the Zones from 3 to 16.
17. When ALL CALL button is pressed, then yellow ALL CALL LED and all red LEDs light up & 100V output is available on all the zonal output terminals 1 to 16.
18. **Power ON/OFF Switch:** Press the top part of the switch to switch the power ON. Press the bottom part of the switch to switch the power OFF.
19. **Power ON:** Green LED glows to indicate that the power is ON.

• Rear Panel Controls & Features



20. **AC Mains Fuse:** (Rating T 1A L Amp 250V).
21. **Earth Terminal:**
22. **AC main Cord:** Connect to 240V AC mains.
23. **DC Socket:** for connecting 24V external battery (2x12V), if battery backup is required.
24. **Loop through Socket:** Will be looped to other SSW-16M's by using RCA cable to extend upto 32 or 48 channels. (Please refer connection diagram page no. 4)
25. **100V Input Terminal:** For connecting 100V output from any AHUJA PA amplifier.
26. **100V Output Terminal:** For connecting 100V speakers of Zone -9 to Zone-16.
27. **100V Output Terminal:** For connecting 100V speakers of Zone-1 to Zone-8.

• Connection Diagram



• Specifications

MODEL	SSW-16M
INPUT	1 x 100V (nominal)
OUTPUTS	16 x 100V (nominal)
SWITCHES	16 Zone Selector switches, plus ALL CALL, Power ON/OFF.
POWER SUPPLY	AC 220-240V, 50/60Hz ; DC 24V (2 x 12V Car Battery)
DIMENSIONS	W483 x H53 x D180 mm
WEIGHT	2.73kg

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