

SMART EXTERNAL AMPLIFIER. (MODEL EXA - I)

To increase the number of loud speakers in a **SMART PAGE PRIVATE SYSTEM**, **SMART EXTERNAL AMPLIFIERS** are required. The amplifier will be driven by a PAGE/PRIVATE UNIT. The number of speakers to be connected will decide the capacity of the amplifier. Standard design for the amplifier is of 100 watts, which can be used for 5 loud speakers max. The amplifier output is LMT (LINE MATCHING TRANSFORMER) based design hence large distance can be covered. The amplifier activates whenever the system goes to paging mode and the announcement is heard over all the connected loudspeakers. On pressing the PAGE CANCEL BUTTON the communication is in private mode. All loudspeakers connected will get cutoff.



CONNECTIONS: -

- **AMPLIFIER UNIT TO LMT:-**24/0.2 mm, 2 core, ATC, PVC insulated, Twin twisted, FROM AMPLIFIER UNIT TO LMT
- **LMT UNIT TO SPEAKER:-**24/0.2 mm, 2 core, ATC, PVC insulated, Twin twisted, FROM LMT TO LOUD SPEAKER HORN).

TECHNICAL SPECIFICATIONS: -

ELECTRICAL REQUIREMENT :-

Power Source	220 volts / 110 volts AC (SWITCH ABLE).
Power consumption	100 Watts.
Amplifier output	100 Watts (RMS).
Horn Speakers	60 watts, 8 ohms X 5 nos

ELECTRICAL SPECIFICATIONS: -

Output	100 Volt Audio line.
Isolation	1.5 KV between PRI & SEC for 15 Min.
Protection	Input fuse (250 mA fast blow).

ENVIRONMENTAL: -

Temperature	-0 to +60 C.
Humidity	0 to 95% Rh non-condensing.
Enclosure	Dustproof fully gasketed.

MECHANICAL: -

Body	16 SWG steel.
Surface finish	Powder coated.
Dimensions	290 X 310 X 150 mm.
Net weight	5 kgs.
Standard mounting	Vertical wall.

CONFIRMING TO IP 65-DEGREE PROTECTION.

INDUSTRIAL COMMUNICATIONS SIMPLIFIED .

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“(Specifications and description subjected to change without prior notice)”