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SMU Series Microphone Consoles

Features:

- A stylish range of microphone control units for a wide variety of voice alarm and public address applications.
- Fully programmable push buttons.
- Single composite cable link between microphone and amplifier by means of serial data transmission. Single, 8 and 16 button variations plus full customising options.
- In-built pre-amplifiers (SMU8 and SMU16) for long cable runs to amplifier without signal degradation (up to 1Km). Automatic gain control (AGC) and advanced voice compensation to cater for a wide range of operator techniques.
- Fully monitored circuitry including microphone capsule in accordance with International Fire Standards e.g. BS5839.
- High quality dynamic microphone on resilient flexible gooseneck stem.
- Confirm light flashed to guard against talking over the pre-announce chime.

SMU Series

Microphones

Consultant Engineering Specification

Each zone button on the microphone control console must be fully programmable for zone, (priority and source) selection and be accompanied by red busy and green confirm lamps.

Automatic gain control, signal compression and chime selection are to be built into the microphone control console.

The microphone control console shall be the Audix Systems SMU Series.

Accessories:

MPAB3 Microphone pre-amplifier box. When combined with an Audix MPAB3 microphone pre-amplifier (purchased separately), the SMU1 is fully monitored and the cable run to the amplifier is extended to 1 Kilometre. The MPAB3 can be easily surface mounted adjacent to the microphone control unit.

Dimensions: Width 220mm, Length 145mm, Depth 55mm

Weight: 1.0Kg.

Optional Extras:

Keyswitch enable/disable.

Additional buttons (SMU8/16 only).

Bargraph VU meter.

Technical Specification:

SMU1

Buttons: Single press to talk
 Lamps: 1 Busy 1 confirm
 Designation strip: None
 In-built pre-amplifier: No, always use MPAB3
 Material: Steel front plate, weighted base
 Flexible gooseneck: 300mm
 Cable requirement: (without pre-amp) 1 screened pair + 4 core
 (with pre-amp) 4 screened pairs
 Max distance to amplifier: 100M (extended to 1 Kilometre by means of MPAB3)
 Pre-announce chime: Within MPAB3
 Dimensions (W x H x D): 140 x 95 x 55mm
 Weight: 1.0Kg

SMU8

Buttons: 8 + press to talk
 Lamps: confirm (speak now). Peak limit, 8 sets zone/group busy & confirm
 Designation Strip: Behind transparent cover
 In-built pre-amplifier: Yes
 Material: Steel front plate, weighted base
 Flexible gooseneck: 300mm
 Cable requirement: 3 screened pairs*
 Max distance to amplifier: 1 Kilometre
 Pre-announce chime: Built-in (1, 2 or 3 tone with selectable volume), can be disabled
 Dimensions (W x H x D): 240 x 150 x 80mm
 Weight: 2.4Kg

SMU16

Buttons: 16 + press to talk
 Lamps: Confirm (speak now). Peak limit, 16 sets zones/group busy and confirm
 Designation Strip: Behind transparent cover
 In-built pre-amplifier: Yes
 Material: Steel front plate, weighted base
 Flexible gooseneck: 400mm
 Cable requirement: 3 screened pairs*
 Max distance to amplifier: 1 Kilometre
 Pre-announce chime: Built-in (1, 2 or 3 tone with selectable volume), can be disabled
 Dimensions (W x H x D): 240 x 200 x 110mm
 Weight: 3Kg

*extra core required for legacy non Alph Systems

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SMU Series

Microphones