

MSOPA Mixer Amp 60W

1. Features

- Office PA Amplifier 60W RMS output.
- Multi desktop Mic input.
- Intercom/Aux input.
- Intercom/Aux mutes with any mic enabled.
- Adjustment for Mic & Aux levels.
- 8 Tone card can be fitted into Amp.
- Vertical and wall mounting.

2. General Description

Multiple desktop Mic's (with built in pre-amplifier) can be connected to the Amp's Mic Input. Music or the SLSI- or M20 Intercoms can be connected to the Int/Aux Input. The balanced output can drive 40 office sub stations or ceiling speakers. Option of adding a 8-tone generator (TG8AMP). All the above connections are via the 8-way screw connector strip.

The Int/Aux Input is muted when any mic is enabled.

The sub stations have a normal input of 300Ω and a high power input of 90Ω, all the sub stations are wired in parallel using a minimum 1,0mm² size 2 Core cable. The maximum load the amp can drive is 5Ω.

Preset P1 adjusts only the Mic volume and P2 the Int/Aux volume.

The amp can be wall mounted or stand up vertically in a cool, ventilated place.

3. Connections

Mains 220V AC is required.

Screw connector strip:

Mic Input		Wire Colour
PTT	Press to Talk from desk mic	Black/White
S	Speech audio from desk mic	Purple/Brown
-	Ground to desk mic	Yellow/Green
+	15v DC to desk mic	Red/Blue

The above connections are from the MSOPA Desk Mic only, via a maximum length of 100m CAT5 cable. The desk top Mic has a built in pre-amplifier and busy indication, multiple mics can be connected to this input, in parallel.

INT/AUX

S Signal core from the intercom pair or music source, i.e. Radio
- GND/Negative of the pair
No interface is required if driven from the SLSI or M20 Intercom.

Output

Balance output common to all sub stations or ceiling speakers. Do Not short/connect either output to GND! The fuse next to the connector is a 1Amp 5x20

4. Specification

Desk top mic supply 15V DC

Mic input level +/- 0dB

INT/Aux input level. +/- 1 to 25V peak-to-peak

Output level 50V peak-to-peak

Frequency response 250Hz to 10KHz

Max output load 5Ω

Size: High 270mm x Wide 260mm x Depth 80mm

Weight: 3,4kg

Manufactured:

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Booyens

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