

## Mini-Mixer Plate (double gang plate combining APXM and APL)

Part No. **APXM/M**



### Overview

Combines the functions of an APXM microphone Outreach plate and an APL dual phono Outreach plate in one double gang device.

Accepts balanced or unbalanced microphones with standard 3 pin XLR connectors AND dual phono line level inputs.

Gives a more attractive appearance than separate, side-by-side, single gang Outreach Plates.

Counts as one of the total of ten plates permitted as part of C-TEC's patented 'Outreach Plate' audio input extension system (see key features section below for details).

Compatible with C-TEC's entire range of PDA102, 200E, Pro-Range and ML1 induction loop amplifiers.

Can be connected to any third-party audio or induction loop amplifier using an APV 24V 250mA power supply.

Mounts on a 25mm standard UK double gang back box.

### More Information

The Outreach Plate audio input extension system comprises a range of wall, ceiling and desk mountable plates specifically designed to increase the audio input capability of any audio system. Covering the most common variants of audio connectors, they work by mixing the signals from various audio input sources into a single balanced line level input on a compatible amplifier.

Each input plate features a built-in mixer, preamp, input level control and balanced output.

Typically, up to 10 Outreach plates (any mix) can be daisy-chained to one balanced line level connection with cable lengths up to 100m easily achievable using standard two-pair audio cable (i.e. Belden 8723).

Each plate requires four wires; two balanced line (Line/A +, Line/A -), one ground (GND) and one power connection (V+ = 12-32V d.c.).

Most of C-TEC's PDA Range induction loop amplifiers are fitted with an Outreach connection socket as standard. For audio systems that do not have an Outreach socket, straightforward network connection can be achieved using an 'APV' 24V 250mA d.c. regulated power supply and an 'APXO' 3 pin XLR balanced line output plate.

### Technical Specifications

Power requirements

Supply volts: 12-32V regulated d.c.; Supply current: 6-11mA.

Controls

Adjust mic input level; adjust line input level.



Input signal level	-45dBu to -28dBu (Mic); -12dBu to +6dBu (Phono).
Gain	To +45dB (Mic); To +12dB (Phono)
Level control	0dB to -46dB
Input impedance	400 Ohms (Mic); Less than 10K Ohms (Phono).
Phantom volts	11V/0V (link selectable for Mic)
Signal to noise ratio	Greater than 60dB (Mic); Greater than 71dB (Phono).
THD + noise	Less than 0.01%
Product dimensions (mm)	W 147 x H 85 x 39 D mm. Mount on a standard 25mm double gang UK back box.
Construction & finish	Plastic.
IP Rating	IP31.
Weight	126g.
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.



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