

PABX-PA INTERFACE PCB and PABX-PA INTERFACE PCB WITH BUILT-IN AMP

Description

Allows for any PABX analogue extension to be connected to a PA Amplifier.

The PABX Interface provides an interface between a PABX extension line to the auxiliary input of a PA Amplifier. The output is unbalanced and the level $\pm 500\text{mv}$ peak to peak.

To talk over the Amplifier dial the extension number, you will hear the ringing tone once, then you can make your announcement. To cancel you must press a pre-selected digit 1 to 9 on your phone to reset the interface. A 40 second auto time out will cancel the call if the reset is not pressed.

The cancel code is selected on the interface PCB, SW1 in a binary code. (Refer to table below) If the cancel code is changed, the power to the interface must be switched off and then on again.

The interface can work in parallel with a telephone on the same extension.

The above interface is also supplied with a built-in 20 Watt 8 Ω output Amplifier. The Amplifier can drive four 8 Ω speakers or horn speakers.

Interface Connections

GND To PA Amp Aux GND
OUT To PA Amp Aux INPUT
LINE Input from PABX extension
LINE Input from PABX extension
L 220V AC Live
N 220V AC Neutral
E Earth
Output + N/A
Output - N/A

With Amplifier

N/A
 N/A
 Input from PABX extension
 Input from PABX extension
 220V AC Live
 220V AC Neutral
 Earth (NB: Must be the same as the PABX earth)
 Amp output to speaker
 Amp GND to speaker

RESET Header to connect Reset Switch N/O
 FS1 220V AC mains fuse (1A)

Cancel Code Setup

SWITCH	SW1
ON	DIGIT TO CANCEL
1	1
2	2
1 & 2	3
3	4
1 & 3	5
2 & 3	6
1, 2 & 3	7
4	8
1 & 4	9