

Microsound PABX Vandal Proof Gate Station

Provides call back and communication from the external gate station to the programmed telephones connected to the PABX, with a door release relay function. The unit consists of robust gate station, indoor controller PCB in a box and a 12v DC power supply, and connects to an analogue extension port of the PABX. When the call back button is pressed at the gate station the PCB loops the PABX Ext Line and the PABX must be programmed to ring the required telephones.

Features

- External robust stainless steel surface rain protected box.
- Internal control PCB with programming button.
- Gate station has louver front, call back button and name plate window with back light LED.
- Two-way audio communication with any PABX telephone.
- Door release RL code.
- Gate station cancel code.
- Cable from control PCB to gate station Max 100m.

Installation and Programming

The gate station is mounted where required and connects via a 6pair Mylar screened cable to the indoor control PCB. The screen of the Mylar cable must be earthed for Lightning protection. The control PCB must be connected to the 12v DC PSU and the analogue PABX Ext port.

When the control PCB is switched on it goes into the program mode to program the door release RL code with 3 second pause then cancel and the cancel code if the door release code is not used.

Before power is switched on, set the Dip switch to the required door release code 1 to 10 (binary code). Switch power on, Red LED will flash, press the program switch to read the code in. The LED will go steady for a short period. Now select the cancel code 1 to 10 (binary code) on the Dip switch, press the program button – the Green LED will come on. Wait until the Green LED goes off. The control PCB is now programmed and ready for use.

The default code factory setting is 3 for the door release code and 1 for the cancel. The gate station number is whatever extension it is connected to.

6 Pair Mylar Cable Connections

COLOUR	FUNCTION
Red & Blue	Speaker +
Green & Yellow	Speaker GND
Orange	Mic +
Pink, black & Gray	Mic GND
Turquoise	LED +
White	Button
Purple	Door contact
Brown	Door contact
Screen	To earth at one end

NOTE: Door contact pair must go straight to gate motor/door strike not via gate station for security reasons.

Power supply AC/DC adaptor 12v DC 1000ma

Gate station size in mm = H 140 W 105 D 80

Control box size in mm = H 200 W 115 D 65

System only connects to analogue PABX extension

Max cable length from control box to gate station

Max 100m on 0,22mm² 6pair Mylar

Dip switch numbers:

1 on = 1 Decimal

2 on = 2 Decimal

3 on = 4 Decimal

4 on = 8 Decimal

Manufactured:

Microsound Systems

PO Box 38220

Booyens

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www.microsound.co.za