

ENTRY PHONES

Manual

Robin Compact flush-mounting



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1 Robin Compact parts

The Robin Compact packaging contains the following parts:

- Robin Compact external door entry phone with interface
- Anti-theft socket screw key
- 4 anti-theft screws
- 4 plugs
- Drilling template
- Tie wrap
- These instructions for use

2 Function

The external door entry phone consists of a hands-free phone combined with an interface which makes and breaks the connection. The purpose is to enable a connection to be established between the external door entry phone and another phone. The unit is connected for this purpose to a company switchboard.

When the button on the unit is pressed, the desired connection is established.

The connection is broken again when one of the break criteria is met.

3 Facilities

The external door entry phone has the following facilities:

- The external door entry phone can operate on a hot-line basis, whereby the company switchboard establishes the desired connection when the button on the unit is pressed.
- The unit can automatically dial a number (on a DTMF basis) when the button is pressed.
- The number that the external door entry phone dials can be programmed by the user and is stored in EEPROM, so that the information is not lost if the unit is disconnected from the company communication system.
- The connection with the external door entry phone can also be established by dialling the unit (from any phone).
- The external door entry phone breaks the connection when:
 - an engaged tone is detected
 - the connection has lasted 4 minutes
 - the button is pressed again
 - a number has been programmed (concluding with a hash).
- The external door entry phone is powered from the phone connection or company communication system. The unit is connected to a normal device connection point by a two-core cable.

4 Systems

In order to achieve the functions indicated in the preceding section, the unit comprises the following systems:

- Call, dial-tone, DTMF and engaged tone detection
- DTMF dialling unit
- Detection circuits for the pushbutton
- Microprocessor
- EEPROM for number storage
- Fork circuit in order to prevent noise in the vicinity of the entry phone microphone disturbing correct operation of the engaged tone detector.

Installation and programming

The external door entry phone is connected by means of a two-core cable to a device connection point on a company switchboard. This is shown diagrammatically in the connection diagram.

The unit can be programmed to operate in 'hotline' or 'auto-dialling' mode.

This is achieved as follows:

Hotline

- Dial a unit from any (DTMF) phone.
- The unit answers the call with a 1-second tone.
- Now enter a * ; the unit will beep again.
- Then enter a # (hash key).
- The connection is now broken automatically; the unit is now ready for use.

Auto-dialling

- Dial the external door entry phone from any (DTMF) phone.
- The unit answers the call with a 1-second tone.
- Now enter a * * (the unit generates another beep).
- Then enter the desired phone number and close with a #.

After receipt of this # the number is stored and another beep is sent.

NB

If the unit detects an operating error, an error tone is generated (an interrupted beep lasting 2.5 seconds).

6 Fitting

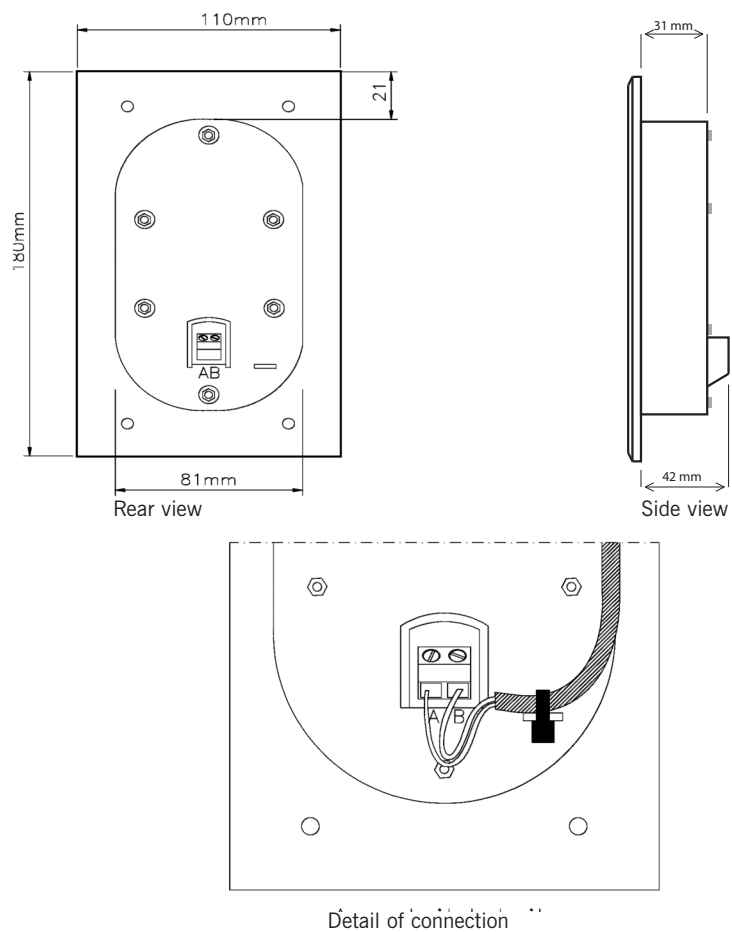
Requisites:

- 90 mm masonry hole drill
- 6 mm masonry drill bit
- Stone chisel
- General tools

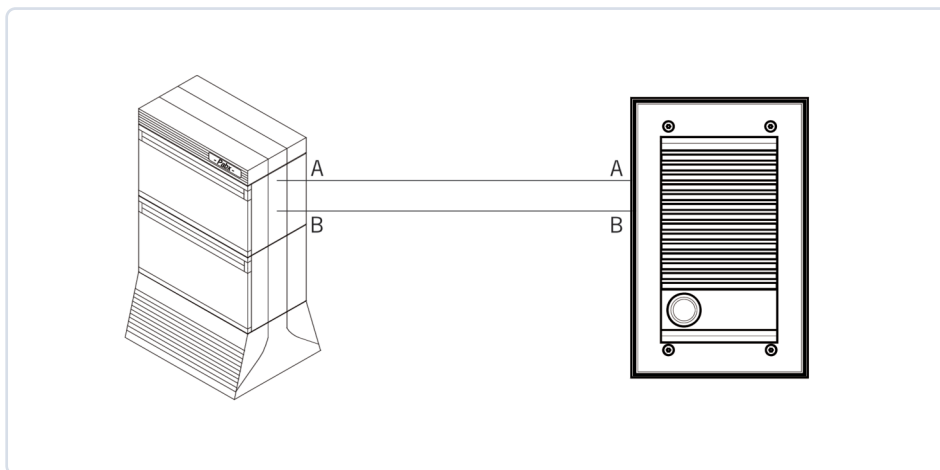
Guide:

- Drill two holes to a depth of 90 mm and 50 mm, using the drilling template supplied.
- Remove the cores of the drill holes with the stone chisel and finish off the hole so that the plastic case of the Robin fits in easily.
- Feed the cable into the hole, leaving it long enough to lie with a loop in the hole.
- Drill the four securing holes for the front plate using the drilling template and fit the plugs supplied into the holes.
- Strip the cable cores over approximately 4mm and secure them to the Robin's screw terminals.
- Secure the cable to the plastic box with a tie wrap (see drawing).
- Position the Robin in the hole in such a way that the cable fits behind the unit in a loop.
- Screw the unit tight with the anti-theft screws provided.

7 Installation dimensions



8 Connection diagram



Connection to an analog port of a PABX.



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