

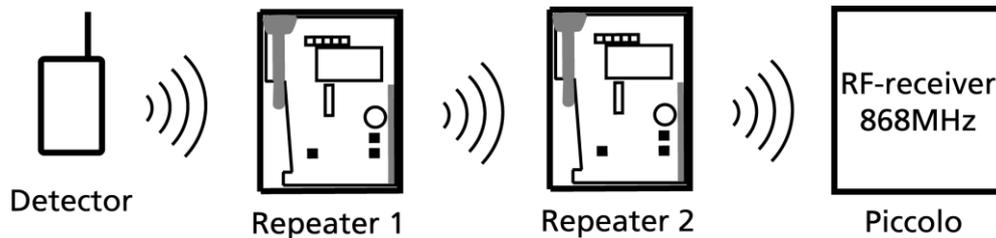
Repeater

Re-transmitting of 868 MHz RF-signal

User manual

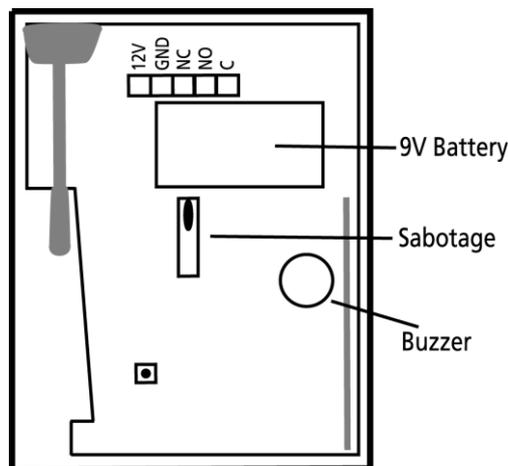
Functional overview

The Repeater re-transmit Profort RF-868MHz signal. The RF-signal from a detector will automatically be transmitted to the next Repeater or directly to the receiver from the Piccolo system. The Repeater itself reacts as a normal detector and therefore it is possible to activate the sabotage and use surveillance of the unit.



Setup of Repeater:

The repeater needs no setup. Just power the unit and the Repeater will automatically re-transmit all Profort 868MHz RF-signals.



The Repeater also has a relay output. Every time the Repeater receives an alarm from a detector or a Repeater the relay is activated for 10 sec. This function can be used to activate sirens, lamps or connection to other alarm systems.

If a remote control is used, the buzzer will react on activation- deactivation signals. Two beeps for deactivation and four beeps for activation of detectors or locations.

Installation of the Repeater:

The unit must be supplied with external 12VDC. It has an internal battery-backup and therefore gives a sabotage alarm when the external power is removed.

The Repeater must be installed as high as possible. Please note that the end of the antennas must not be hidden behind metal or reinforced concrete. This considerably limits the reach of the antennas.

Service and maintenance:

Every 6 month a check must be made whether or not the Repeater can be activated. This is done by activating the sabotage button inside the unit. Then it must be checked whether an alarm has been registered from the Repeater on the central unit. Next the external power supply is removed and then the unit once more gives an alarm.

Technical Specifications:

Dimensions:	150x 120 x 45 mm
Weight incl. internal battery:	250 g
Radius of wireless signal:	Up to 1000m by exterior measurement. Interior typically 200 m.
Power supply:	12VDC
Temperature:	÷10° - +55° Celsius.