



security devices
systems for safety edges

RBMOTION

radio communication system for
safety bands with built-in
MOTION 868 MHz receiver

Applicable to doors
roller · folding · sliding · swing
sectional · guillotine · fast · barriers



Versatility

- System comprising a RADIOBAND 1G receiver and a 30 codes receiver for 868MHz transmitters.
- The RADIOBAND 1G system is applicable to all kinds of door with a resistant safety band. It allows the storage of up to 6 RADIOBAND/TBX, 3 by relay, with the possibility of the simultaneous activation thereof.
- Possibility of using basic, programmable transmitters of the 868 MHz range. Up to a maximum of 30 transmitters.
- It allows the identification of the Free system GROUPS (FreeT and FreeTH).
- It may be installed in interiors and exteriors.

Flexibility and speed when programming equipment

- The programming of transmitters and proximity elements is carried out via radio without mechanical contact.

Safety

- 868 MHz receiver with a "high security" changing code and bidirectional link between RADIOBAND system equipment.
- The RADIOBAND system verifies the status of all the system equipment in real time, making the latter capable of immediately detecting a failure in any of the RADIOBAND/TBX transmitters.
- In addition, 2 autotest inputs are included to verify the status of the RADIOBAND system before any movement of the door by the manoeuvring board.
- Certification of compliance with door safety standards issued by the TÜV SÜD laboratory as well as the CE and FCC product certifications.

Savings and convenience

- On the same item of equipment you can work with 868MHz transmitters, taking advantage of the RADIOBAND system.
- Saves time and cuts costs in the installation and maintenance process.
- The system does not require any wiring as the programming of 868MHz transmitters and of the RADIOBAND 1G system is carried out via radio without mechanical contact.

jcmtechnologies
be a step ahead with technology and imagination

System comprising a 868 MHz 30 codes
transmitter and a RADIOBAND 1G receiver
which is connected to the manoeuvring
board of the door



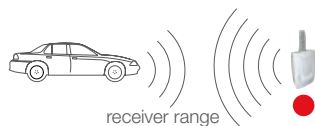
RBMOTION



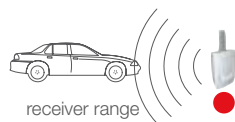
High reliability and sensation of greater range for the user

- Nominal working distance for the RADIOBAND 1G system of 10 m, though on many occasions the distance between devices may be as much as 40 m.
- As with the RADIOBAND/RU receiver, the system includes the CHECK function whereby the quality of communication between receiver and transmitter can be checked by way of a LED indicator.
- It also incorporates RADIOBAND/TBX transmitter battery status control. Low battery sound alert at the receiver,
- Nominal distance of 100 m between the transmitters and the 868 MHz receiver. They are also fitted with APS (Approaching System) and the transmitter button can be activated even when outside receiver coverage. The transmitter will transmit the signal repetitively as the user approaches his garage door and until the door opens.

1 The user activates the transmitter outside the range.



2 Within 15 seconds he/she enters the range. The door remains closed.



3 The receiver receives the signal automatically without re-activating the transmitter and opens the door.



RECEIVERS



RBMOTION

- Equipment comprising RADIOBAND Receiver + MOTION 868 MHz Receiver.
- Power: 12/24Vac/dc.
- Standby/Op. consumption: 18mA / 80mA.
- Operating temperature: -20°C a +85°C.
- IP54 (IP65 with gland).
- Built-in antenna.
- Size: 140 x 220 x 125 mm.

RADIOBAND Receiver

- 868 MHz receiver in box for safety edges.
- Outlets. 2 relays with selectable operating mode. Can behave like a safety edge or a closed safety contact.
- 10-meter range (guaranteed).
- 6-RADIOBAND/TBX transmitter memory (3 on relay 1, 3 on relay 2).
- Relay 2 can optionally be selected as a low battery warning.
- 2 x 0/12/24Vac/dc inlet auto-test input with selectable polarity.
- At least 7 min. between two ATEST activations (for compliance with the R&TTE Directive).

MOTION 868 MHz Receiver

- 868 MHz receiver, 2 relay, 30 codes.
- Allows for the Free system groups to be identified (FreeT and FreeTH).
- Outlets: Relay 1 impulse and relay 2 selectable impulse/bi-stable.
- Fixed 30 code memory.
- Code self-learning.

USEFUL FOR

All 868 MHz transmitters: GO · GOmini · FreeT · FreeTH · GOBio · GOBio®

ACCESSORIES

AED868 · FLAT868 · Resistive safety edges.



GOKey



GOPush



GOSwitch



GOButton



GO
GOPro



GO mini
GOPro mini
GoEvo mini



GOBio



GOBio®



FreeT



FreeTH

rádio 868 MHz - 100 meters



RBMOTION



OPERATING
PANEL

radio 868 MHz
10 meters



RADIOBANDTBX

RESISTIVE SAFETY
EDGE

