



access units
MOTION 868 MHz range

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

WAVE

868 MHz receivers with proximity
reader connection



With the Wave product range, you can manage 868 MHz transmitters and the 13.56 MHz proximity range and JCM dual technology transmitters.

All with a 500-code removable memory with 1 or 2 channels, the latter being extendible to 4 channels in 12/24 V ac/dc or 230 V ac versions.

jcmtechnologies
be a step ahead with technology and imagination



WAVE 500-1 · WAVE 500-2
WAVE 500-1B · WAVE 500-2B



Versatility

- 868 MHz receiver with inlet for 13.56 MHz (BUS-LIN) proximity readers
- Possibility of using different elements activation (transmitters, transmitters with bi-technology, proximity keys and cards).
- Possibility of 4 output relays using expansion cards configurable in impulse or bi-stable mode with selector on the card itself.
- Can be installed indoors and outdoors.

Installer personalisation

- The first transmitter programmed in the equipment will be personalised with your installer code. Also Assistant and PROG-MAN programming tools can be used.

Simplified community installation management

The following is available with the ASSISTANT programming tool:

- Database with all equipment, transmitters and proximity cards/tags provided in each installation.
- Possibility of assigning standby codes. Functional transmitters, cards and tags can be sold without having to visit the installation.
- Stolen or lost transmitters, cards and tags can be replaced by new, functional ones without having to visit the installation.
- Registrations via PIN, 1 4-digit code can be allocated to a receiver and all transmitters/proximity elements must have the same PIN to be programmed in the equipment. 2 PIN codes per transmitter is permitted. Also available with the PROGMAN portable programming tool.
- Possibility of personalising devices with the installer code.
- Configuration of equipment parameters such as forbidding the radio and manual programming of devices.

Simple way to supply new transmitters

- Programming of new transmitters and cancellation of lost or stolen transmitter without leaving the office
- Ability to program new radio transmitters without access to the receiver.

Great security

- High security rolling code system with more keying bits.

Flexibility and speed when programming equipment

- The transmitters and proximity equipment are programmed by radio without mechanical contact.

Great reliability and feeling of higher range for users

- With the APS (Approaching System) transmission system, the transmitter button can be pressed even outside the receiver range. The transmitter will repeatedly send the signal while the user approaches his garage door and until the door opens.

RECEIVERS



WAVE 500-1 • WAVE 500-1B

- 868 Mhz receiver, 1 relay, 500 codes.
- Output: 1 impulse relay (can be modified to bi-stable using the ASSISTANT programming tool).
- Output expansion: Not
- Removable 500-code memory.
- Power supply: 230Vac or 12/24Vac/dc (WAVE 500-1B) selectable with Jumper.
- Standby/Op. consumption 60mA / 90mA (60mA/350mA 12/24V).
- Maximum 3 proximity readers connected directly to the equipment (BUS-LIN).
- BUS-LIN cable length: cable cross-sections 0.22/0.35/0.5 mm² up to 100/150/200 m, respectively. Category 5 cable.
- Up to 20 proximity readers in the same network using an external power supply (BUS-LIN).
- Operating temperature -20°C a +85°C.
- Built-in antenna.
- Code self-learningor with programmer.
- IP54 (IP65 with gland).
- Size: 160 x 140 x 48 mm.

WAVE 500-2 • WAVE 500-2B

- Receptor 868 MHz, 2 relés, 500 códigos.
- Outlets: relay 1 impulse and relay 2 selectable impulse/bi-stable (relay status can be modified using the ASSISTANT programming tool).
- Outlet expansion: 2.
- Removable 500-code memory.
- Power supply: 230Vac or 12/24Vac/dc (WAVE 500-1B) selectable with Jumper.
- Standby/Op. consumption 60mA / 90mA (60mA/350mA 12/24V).
- Maximum 3 proximity readers connected directly to the equipment (BUS-LIN).
- BUS-LIN cable length: cable cross-sections 0.22/0.35/0.5 mm² up to 100/150/200 m, respectively. Category 5 cable.
- Up to 20 proximity readers in the same network using an external power supply (BUS-LIN).
- Operating temperature -20°C a +85°C.
- Built-in antenna.
- Code self-learning or with programmer.
- IP54 (IP65 with gland).
- Size: 160 x 140 x 48 mm.

USEFUL FOR

Transmitters, transmitters with bi-technology, proximity 868 MHz tags and cards.

ACCESSORIES

AED868 • FLAT868 • MEM 500 • TRO • TROTemp • ACTIVAGO • EVOProx • STEELProx-MOTION

TRANSMITTERS



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.



radio 868 MHz - 100 meters

RECEIVER

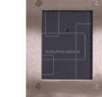


WAVE

PROXIMITY READERS



EVOProx



STEELProx-MOTION

PROXIMITY TRANSMITTERS, TAGS & CARDS



GOEvo



ECOtag
MOTIONtag
EVOtag



GOEvo-mini



MOTIONCard
EVOCard

proximity
13,56 MHz - 3 a 6 cm