

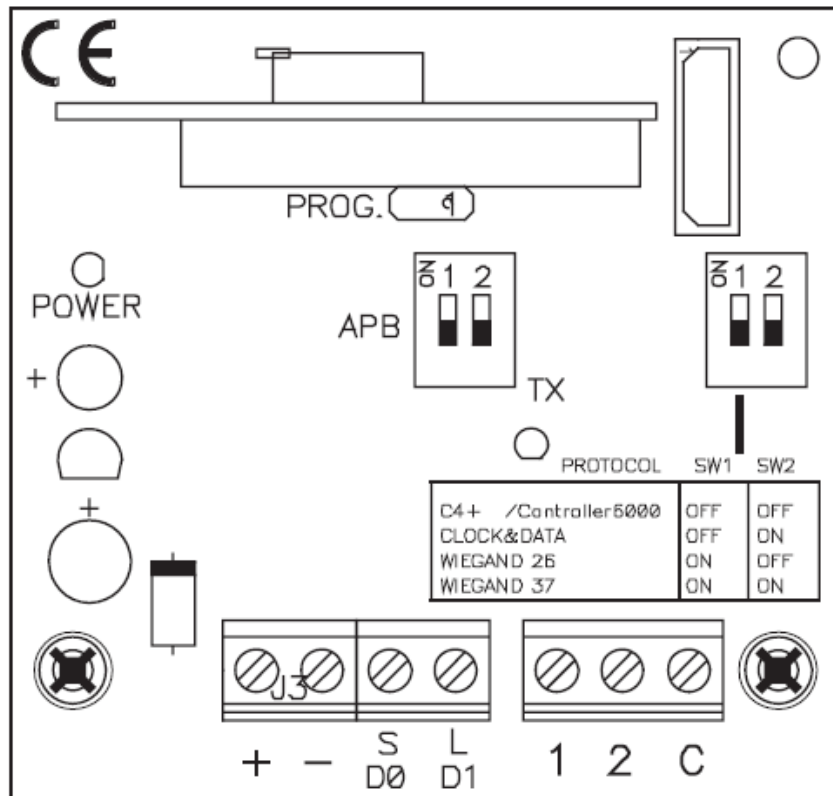


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CONNECT User Manual



+ 12Vdc supply

- 12Vdc supply

S Decoded signal output (C4+, Clock, D0 Wiegand)

L Decoded signal output (Data, D1 Wiegand)

1 Magnetic detector contact channels 1 & 3

2 Magnetic detector contact channels 2 & 4

C Contact common

Multiprotocol receiver compatible with MOTION range transmitters. Codifies the transmitter signal in four different protocols according to its configuration: C4+, Clock&Data, Wiegand 26 and Wiegand 37.

1. TECHNICAL CHARACTERISTICS

Power supply	12V dc (9Vdc-21Vdc)
Frequency	868,35MHz
Consumption standby / operating	14mA/36mA
Operating temperature	-20°C to +85°C
Watertightness	IP54 (with glands IP65)
Dimensions	82x190x40mm

2. INSTALLATION AND CONNECTIONS

Attach the rear part of the chassis to the wall using the plugs and screws supplied. Pass the cables through the bottom of the receiver. Connect the power cables to the terminals marked in the mother board, as indicated. Mount the receiver front and pass the cables and the antenna through it.

3. OPERATING

3.1. CONFIGURATION AND CONNECTION FOR THE DIFFERENT PROTOCOLS

Protocol	Alimentation	Signal	PROTOCOL SW1	PROTOCOL SW2	Format
C4+	+ -	S	OFF	OFF	---
Clock&Data	+ -	S=CLOCK and L=DATA	OFF	ON	8 BCD digits
Wiegand 26	+ -	D0 and D1	ON	OFF	8 bits site code + 16 bits code / 4 bits (zeros)+ 20 bits code*
Wiegand 37	+ -	D0 and D1	ON	ON	---

* *formats configurable with the ASSISTANT*

Note: To use other protocols, contact the manufacturer.

3.2. OPERATING MODES

APB SW1	APB SW2	Function	Channel 1	Channel 2	Channel 3	Channel 4
OFF	OFF	Multichannel				
OFF	ON	Multichannel				
ON	OFF	Monochannel*	1 C open	2 C open		
ON	ON	Monochannel*			1 C open	2 C open

* *If both contacts are open or closed, no code is sent.*

A) MULTICHANNEL MODE (ANTIPASSBACK NOT ALLOWED)

The interface operates as a decoder-receiver.
Terminals 1 2 C are not enabled.

B) MONOCHANNEL MODE (ANTIPASSBACK FUNCTION ALLOWED)

Magnetic detectors must be used for antipassback function to be able to distinguish the entry and exit of vehicles to and from an installation. Terminals 1 2 C are used for connecting the detectors.

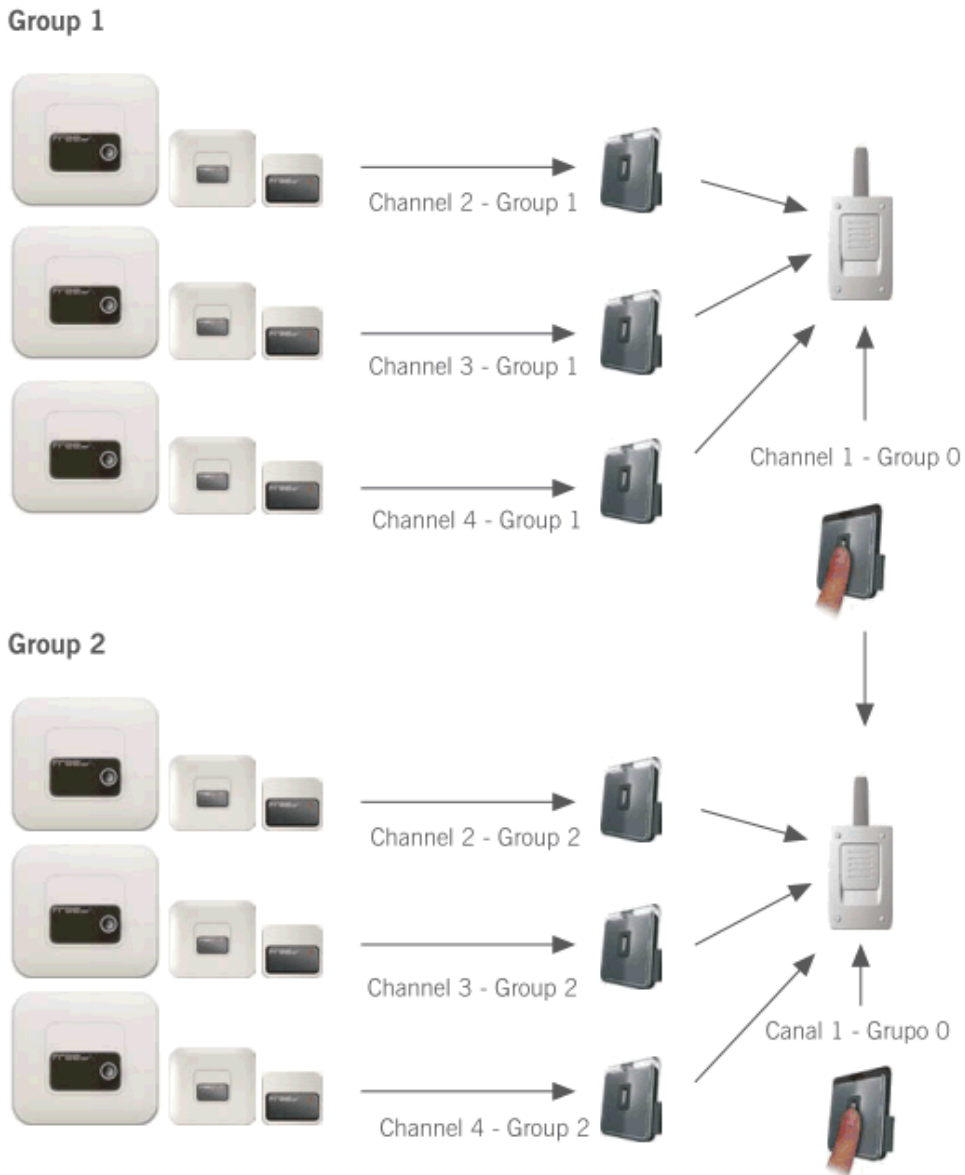
To validate entry access, one must be located on the entry loop and press the entry transmitter channel at the same time.

To validate exit access, one must be located on the exit loop and press the exit transmitter channel at the same time.

Note: To operate with an installer code: Bridge the PROG pins, the LED will turn ON. Activate the transmitter up to the point that the LED goes OFF and indicates that the installer code is inserted correctly.

4. GROUPS

Interfaces can be configured with a group (from 0 to 7) so that there is no interference when working near each other. Useful for working with the system FREE.



4.1. GROUP CONFIGURATION

To configure the group, the PROG pins should be short-circuited and a tag activation should be made. The interface will be configured with the first tag activated in hands free mode. If you work with transmitters, these will always be configured with group 0.

Operations

On powering the interface, the led TX will flash the same number of times as the group number with which it is configured.

5. USE OF THE INTERFACE

These interfaces are designed for use as remote controls for automatic doors. Their use is not guaranteed for directly activating any other equipment different to that specified.

The manufacturer reserves the right to modify equipment specifications without prior notice.

6. IMPORTANT APPENDIX

In compliance with the European low voltage directive, please be advised of the following requirements:

- This equipment must be installed in a vertical position and firmly fitted to the building structure.
- This equipment can only be handled by a specialist fitter, by his maintenance staff or by a suitably trained operator.
- The instructions for using this equipment must remain in the possession of the user.
- This equipment is designed for use as a remote control for garage doors and access control. Its use is not guaranteed for directly activating any other equipment different to that specified.
- The manufacturer reserves the right to modify equipment specifications without prior notice.

JCM TECHNOLOGIES, S.A., declares that this **CONNECT** is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

CE DECLARATION OF CONFORMITY

See web www.jcm-tech.com