

PROXYREM

Proximity reader



It works with PRX keys, TAGs and proximity cards (RF ID).
It can control both mono and two-channels control-units

Main features:

Frequency:	125 KHz
reading range:	8–12 cm
Power supply:	12 V dc – 30 mA
Data out:	40 bit frame
Transmitting distance:	400 m
Humidity protection:	IP 67 (water-proof)
Size:	90x57x8 mm

PROXYREM reader represents the most modern and efficient device suited for the personal identification and access control market.

It exists in two versions "A" and "B": the type A controls channel 1 and the type B controls channel 2 of a two-channels controller (**KB506**).

The two readers have to be connected in parallel.

It works with ARMAS PRX proximity keys, TAGs, and proximity-cards (RF ID) that operate according to EM Marin H4102 standard.

The received code is converted into a 40 bit frame and transmitted to the remote control-unit, where it will be processed.

It is equipped with a five pole flat-cable, three of them being the power supply and data-out wirings, and the last two for the built-in LEDs controlling.

Thanks to the small size it can be hidden behind paintings, mirrors, panels or plaster.

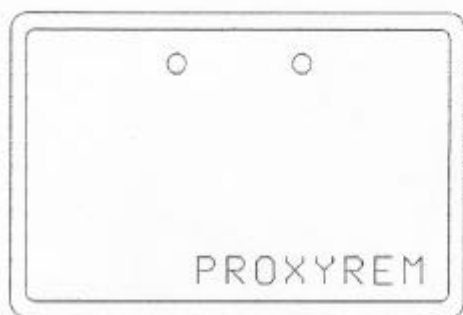
If applied to the internal side of show windows, it permits to activate the alarm of the shop from outside or to operate any electric powered rolling-shutter.

It is robust, compact, elegant and water-proof, because it is fully potted.

Up to 12 PROXYREMs can be installed in the same system, provided that the power supply is sufficient for all them (30 mA each) and the distance between the units is more than 1 meter, as they can disturb themselves if too close.

It works with the following ARMAS controllers: **C 405; KB 504; KB 506.**

The number of total users depends by the chosen controller (see the relevant documentation).



Green wire = + green LED
Red wire = + 12 V dc power supply
Black wire = common negative
White wire = signal (open collector)
Blue wire = + red LED

NOTICE

Do not install it over or near metallic panels or objects.

To reduce the loss in performance, any metallic object must not be closer than 2-3 cm far from the reader.