

BIXLR42 - GOL4 / GOL4C



Manuale di installazione e uso per scheda radio BIXLR42 con trasmettitori serie GOL.
Installation and use manual for BIXLR42 radio board with GOL series transmitters

IP1896 2015-05-06

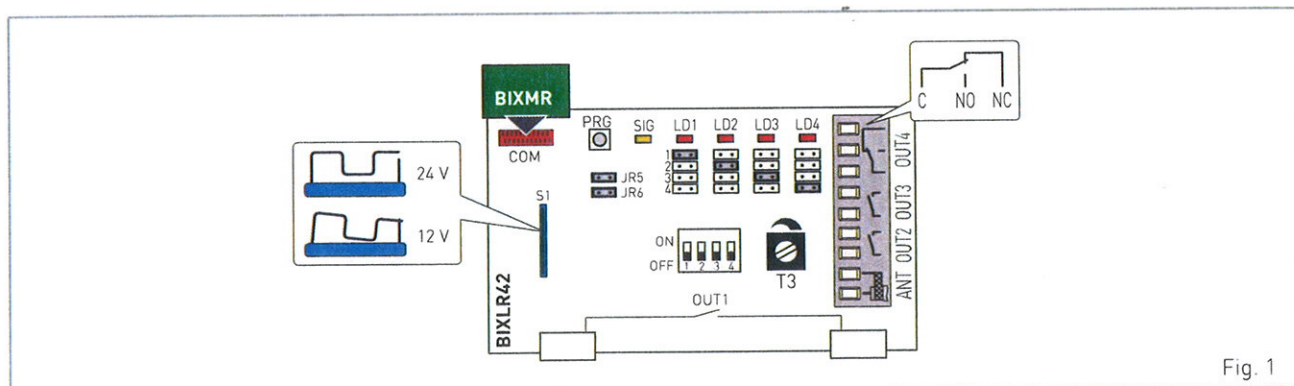


Fig. 1

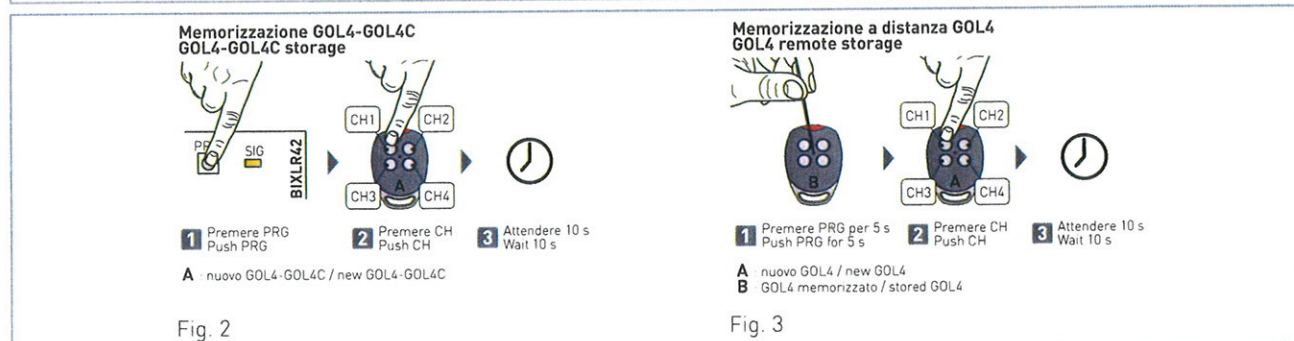


Fig. 2

Fig. 3

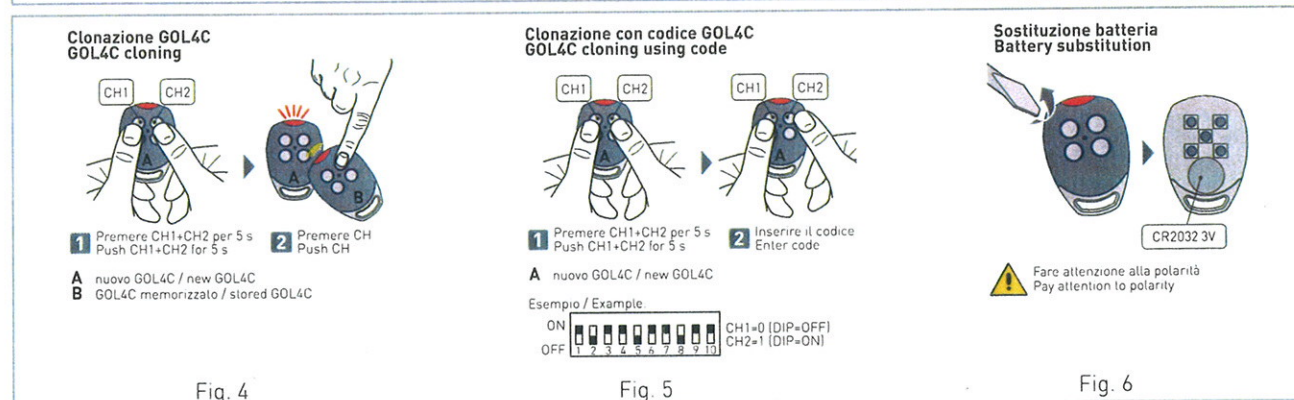


Fig. 4

Fig. 5

Fig. 6

	Frequenza serie L L series frequency	Tipo Type	Alimentazione Power supply	Canali Channels	Portata Range	N. codici memorizzabili Memorable codes nr.	Uscita Output
GOL4	433,92 MHz	rolling code	3 V= / 220 mAh [*]	4	50÷100 m	/	/
GOL4C	433,92 MHz	fixed code	3 V= / 220 mAh [*]	4	50÷100 m	/	/
BIXLR42	433,92 MHz	/	12-24 V= / max 100 mA	4	/	1000	4 relays 1 A / 30 V

[*] Utilizzare batterie tipo CR2032 o equivalenti
Use CR2032 type batteries or equivalent



EC declaration of conformity

The manufacturer Entrematic Group AB, with headquarters in Lodjursgatan 10, SE-261 44 Landskrona, Sweden, declares that GOL4, GOL4V, GOL4C, GOL4CV, BIXLR12, BIXLR22 remote controls meet the essential requisites fixed by the Directive 1999/5/EC R&TTE.
Landskrona, 2015-05-05

Marco Zini
(President & CEO)

1. Transmitter

The GOL series transmitters are used to activate motorized doors and gates from a distance, GOL series transmitters are compatible with all BIX radio receivers and with all control panels with an incorporated radio receiver.

2. Receiver (fig. 1)

The BIXLR42 radio receivers can be inserted directly on the control panels or in the CONT1 holding-board base. The BIXMR memory module of the radio receiver can contain up to 1000 transmitters. NOTE: the radio receiver is also compatible with the BIXMR2 200-code memory modules.

Check that the BIXMR memory module is inserted on the COM connector of the radio receiver. WARNING: the insertion and the extraction of the memory module must be carried out in the absence of power supply.

The radio receivers are equipped with an antenna (rigid wire of 173 mm). Alternatively, it is possible to connect the tuned BIXAL antenna. To connect the antenna to the radio receiver, use a RG58 type coaxial cable (max 10 m). The antenna must be positioned as high as possible, far from any metal structures. You can use the flashing lights supplied with a wired antenna.

3. Channels-outputs selection (fig.1)

The 4 transmitter channels must be matched with the four outputs of the BIXLR42 radio receiver by means of the jumpers:

JR1	OUT1 output, activation of LD1 LED
JR2	OUT2 output, activation of LD2 LED
JR3	OUT3 output, activation of LD3 LED
JR4	OUT4 output, activation of LD4 LED

The working of the 4 channels can be set by the corresponding dip-switch:

	OFF	ON
DIP1	CH1 = impulsive	CH1 = step-by-step (toggle)
DIP2	CH2 = impulsive	CH2 = step-by-step (toggle)
DIP3	CH3 = impulsive	CH3 = time delay (*)
DIP4	CH4 = impulsive	CH4 = step-by-step (toggle)

(*): activation time of OUT3 output (from 10 s to 165 s) can be adjusted via trimmer T3.

4. GOL4-GOL4C storage (fig. 2)

- Press and release the PRG button on the radio receiver or on the control panel; the SIG LED lights up.

- Make a transmission by pressing one of the desired CH buttons of the transmitter (within the range of the radio receiver). The transmitter is now stored. During this phase, the SIG LED flashes. When the SIG LED is again lit up, it is possible to validate another transmitter. Validate all the new transmitters by making a transmission as indicated.

NOTE: with JR5=ON all the channels are stored, with JR5=OFF only the channel key that is pressed is stored.

- You automatically exit the procedure 10 seconds after the last transmission, or you can press the PRG button again (the SIG LED goes off).

5. GOL4 remote storage (fig. 3)

To store new transmitters without using the radio receiver or the control panel, press the PRG key of a GOL4 transmitter already stored for 5 s until the LED comes on (within the range of the radio receiver) and press any one of the CH keys on the new transmitter; the same CH keys as the GOL4 transmitter already in the memory will be stored.

Set JR6=OFF to disable the remote storage.

NOTE: be careful not to accidentally store unwanted transmitters.

6. GOL4C cloning (fig. 4)

- Press simultaneously for 5 s CH1 and CH2 keys of a new transmitter; the red LED comes on.

- Bring the already memorized GOL4C transmitter close, and make a transmission by pressing any one of the CH keys.

- After three confirmation flashes, you automatically exit the procedure.

NOTE: it is also possible to carry out the cloning of the BIXLS2 transmitters.

7. GOL4C cloning using code (fig. 5)

- Press simultaneously for 5 s CH1 and CH2 keys of a new transmitter; the red LED comes on.

- Insert a 10-digit code, pressing CH1=0 (OFF) or CH2=1 (ON). You have 5 s between one pressing and the next one.

- You exit the procedure automatically after inserting the tenth digit. (The transmitter flashes 3 times)

NOTE: this procedure makes the GOL4C transmitter equivalent to a BIXLS2 transmitter.

8. Transmitters erasing from receiver memory

- Keep pressed for 3 s the PRG button on the radio receiver or on the control panel, the SIG LED begins to flash.

- To erase all the transmitters from the memory of the radio receiver keep pressed for 3 s again the PRG button.

- To erase a single transmitter, press one of the previously stored CH keys of the transmitter to be erased.

- The cancellation is confirmed by the quick flashing of the SIG LED.

9. Battery substitution (fig. 6)

Be extremely careful when replacing the battery. Pay attention to the polarities.

Do not handle the battery with pliers or other tools, to avoid the risk of discharge or explosion. To ensure an optimum performance, you are advised to replace the battery once a year, or when noticed a substantial loss of range.

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