

General safety precautions



This installation manual is intended for qualified personnel only. Read the instructions carefully before beginning to install the product. Incorrect installation may be a source of danger. Packaging materials (plastic, polystyrene, etc.) must not be allowed to litter the environment and must be kept out of the reach of children for whom they may be a source of danger. Before beginning the installation check that the product is in perfect condition. For repairs or replacements of product only original spare parts must be used. These instructions must be kept and forwarded to all possible future user of the system.

EC declaration of conformity

The manufacturer Entrematic Group AB, with headquarters in Lodjursgatan 10, SE-261 44 Landskrona, Sweden, declares that radio control keyboard GOL4M meet the essential requisites fixed by the Directive 1999/5/EC R&TTE.
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President & CEO

1. Technical data

Power supply	3 V CR2032 lithium battery
Absorption	200 mA
Range	30÷60 m
Radio frequency	433,92 MHz
Code length	4÷8 digits
Transmission time	2 s
Number of channels	4
Temperature	-20° C - +55° C
Degree of protection	IP55

1. Installation

The GOL4M keyboard allows motorised doors and gates to be opened by keying in a numerical code. The GOL4M keyboard is compatible with all BIX radio receivers and all control panels with an incorporated radio receiver.

Mount the GOL4M keyboard so as to have a full view of the automatic door or gate and be within the operating range.

2. Storage

- Press the PRG button on the radio receiver or on the control panel; the SIG LED lights up.
- Make a transmission by typing in the code of any one of the channels of the GOL4M keyboard (within the range of the radio receiver). The GOL4M keyboard is thus stored. During this phase, the SIG indicator LED flashes.
- Repeat the operations to store additional channels or to activate any new keyboard.
- Automatically exit the procedure 10 s after the last transmission, or you can press the PRG button again; the SIG LED goes off.

3. Modifying access codes

	OFF	ON
S1	Code modification enabled.	Code modification disabled.
JP1	Resetting of factory codes not allowed.	Resetting of factory codes allowed.

Characteristics of combinations:

- the length of the code must be 4÷8 digits;
- each digit must be keyed in within 3 s of the previous one, or else the code will not be considered valid;
- the digits with the same key coincide (1=2, 4=5, 7=8);
- at the first start, the factory codes are active (CH1=3333, CH2=4444, CH3=6666, CH4=7777).

WARNING: some codes may not be considered valid.

Examples of invalid codes:

- 1111 if the code 11113 is stored at the same time on another channel;
- 13467890 if the code 1346 is stored at the same time on another channel;
- 2222 if the code 1111 is stored at the same time on another channel;
- 123 because the number of digits is less than the minimum limit of 4 digits;
- 1234567890 because the number of digits is more than the maximum limit of 8 digits.

Modifying access codes:

- key in the stored code you want to modify (example: 3333);
- after 1 acoustic signal, press the [*] key for 5 s;
- after 3 brief acoustic signals, type in the new code within 15 s (example: 12345);
- press the [*] key;
- after 3 brief acoustic signals, type in the new code again within 5 s to confirm (example: 12345);
- press the [*] key;
- the correct setting of the code is confirmed by 6 brief acoustic signals.

4. Keyboard lighting

Pressing any key of the GOL4M keyboard for 2 s, the backlighting of the keys is activated for 5 s.

5. Reset of factory codes

To reset the initial codes, press button P1 and keep pressed for 5 s. When the operation has been completed, 2 brief acoustic signals will be emitted.

NOTE: if the code is mislaid with JP1=OFF, factory codes can only be reset by the DITEC technical support service.

6. Keyboard lock

In the event of tampering, after 25 incorrect attempts within a space of 2 minutes, the GOL4M keyboard will block for 2 minutes. In these conditions, the keyboard does not recognise any code and does not emit acoustic signals. After this time lapse, the GOL4M keyboard returns to the standby status.

7. Battery substitution

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.