

## Wireless controller

Model: Mini Badger

The two-way multifunctional intelligent wireless controller designed and manufactured by our company outputs two-way passive switching value signals. The output modes can be set to four kinds: inching, interlocking, self-locking, one-way inching and one-way self-locking, which can replace various manually controlled switches. It is mainly used in electric doors, windows, lifting equipment, gates, elevators, industrial control and security industries. It has the characteristics of high confidentiality, stable performance and low power consumption. It does not need to use traditional jumper or dial switch coding. It can be used together with remote control through code learning.

Technical parameters:

1. Working voltage: dc24-72v

Standby current:  $\leq 10\text{mA}$

SHomA

3. Working current: 70ma (power supply above 500mA is recommended)

4. Operating frequency: 433MHz

5. Code type: fixed code, learning code

6. Receiving sensitivity: - 105dbm

7. Output: 2-way passive switching value, inching, interlocking, self-locking, one-way inching and one-way self-locking can be set by yourself. 8. Load suggestion:

DC within 90W, AC within 600W; The inductive load of motor and water pump is

halved, and it is not suitable for frequent start and stop

9. Operating temperature:

10. Circuit board size: 68 \* 48 \* 19mm

11. Shell size: 75 \* 55 \* 28mm

Function selection: the controller has four functions, which can be selected through the short-circuit cap

Two self-locking (T) - 1 and 2 are short circuited; 3. 4 short circuit

Two way inching (m) -- 1 and 2 are suspended; 3. 4 suspended

Two way interlock (L) -- 2 short circuit; 3. 4 suspended

One way self-locking and one way inching (1t + 1m) -- 1 and 2 are suspended; 3. 4 short circuit

Code matching method:

Press the code matching key on the receiver, the indicator light will be on and enter the code matching state: press the remote control key corresponding to the first channel, the remote control key corresponding to the second channel and the remote control key as off successively (if it is equipped with two key remote controls, press the code matching key on the board after pressing the two keys to exit)

Code clearing method:

Press and hold the code matching key on the receiver until the indicator light is off and the code clearing is successful.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device

can be used in portable exposure condition without restriction