



# Remote Control for Access Control & Parking

YLI ELECTRONIC

Model: WBK-400-2-12



## Features

WBK-400-2-12 is the remote control dedicated to Access Control .with metal transmitter for access control .The Effective Transmission Distance is  $\geq 110m$ .It can be Embedded in the wall easily and be controlled sensitively. What's more, it adopts the roll code chip to prevent falsity.

## Specification

- Size: 58Lx62Wx30H(mm)
- Voltage: DC12V/24V (Selectable)
- Contact Rating:  $\leq 20A @ 14VDC, 5A @ 250VAC$
- Current:  $\leq 10mA @ 12V$
- Frequency: 315MHz, 433MHz(Selectable)
- Capacity: 30 (learning code)
- Operating Temperature:  $-10^{\circ}C \sim +60^{\circ}C$
- Operating Sensitivity:  $\geq -105dBm$
- Transmitting Distance:  $\geq 110m$
- Weight: 0.09kg

## Diagram

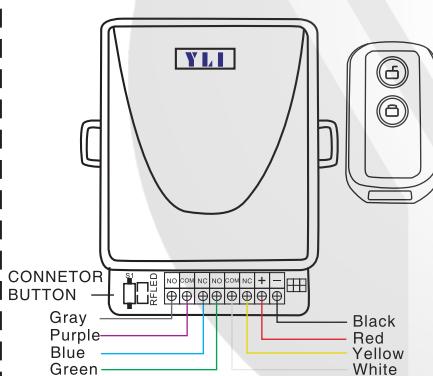
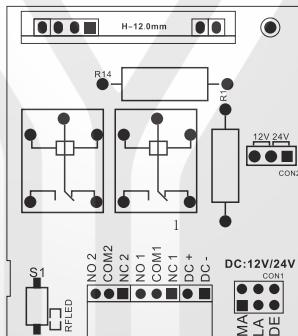


Diagram of PCB:



**Power input selection:**  
12V: Jumper cap plug-in board at position of 12V .  
24V: Jumper cap plug-in board at position of 24V .

**Wiring Instructions:**  
NO1: Normally Open  
NC1: Normally Close  
COM1: common  
NO2: Normally Open  
NC2: Normally Close  
COM2: common  
DC+: +  
DC-: -

### Output Mode:

- 1.The jumper on the MA position--Use first key Only
- 2.The jumper on the LA position-- First key to open, second key to lock
- 3.The jumper on the DE position--Use first key only (3sec timer)
- 4.Auto-lock : No Jumper is requested

## Learning and clear code steps

### Learning:

Press learning button on receiver,led on, then release learning button and LED off .

Press remote control button ,LED flash quickly for 5 times and then off, pair successfully.

Up to 30pcs of remotes that are able to connect to one receiver Up to 30pcs of remotes that are able to connect to one receiver.

### Clearing code:

In case of remote control lost,to make all the remote controls fail ,press the learning code over 8s , then LED will be off, all data will be cleared. To restart the Remote control , please repeat the learning steps.

## FCC Caution

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.