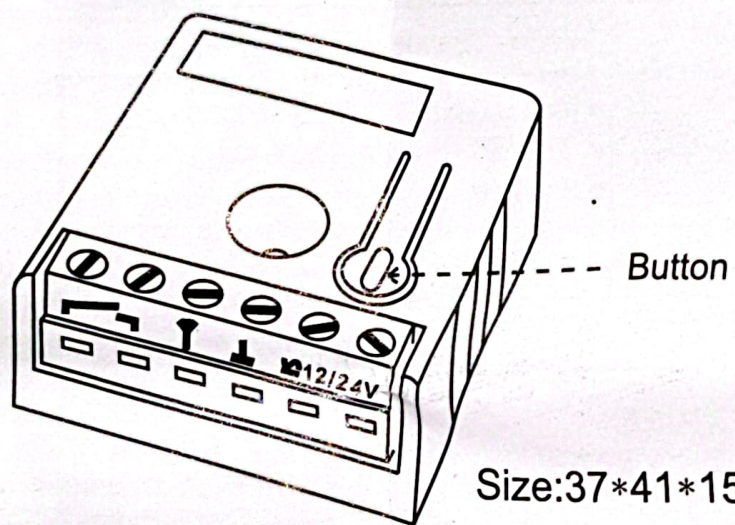
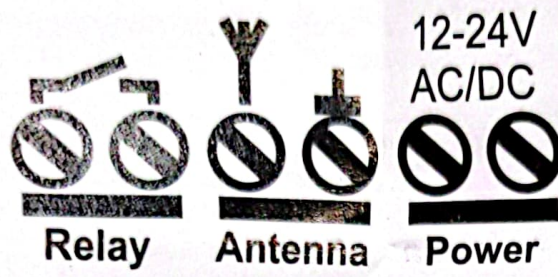


4. Output



Size:37*41*15mm

Open code receiver REC101-KLQ

Open code receiver REC101-KLQ is opened for rolling code. Memory maximum 31 remotes. The possibility of programming the channel combination of buttons on the remote. Compatible with rolling code remotes NICE FLOR and can also be programmed remotes from other manufacturers.

Power supply	12-24V AC / DC
Current	15 mA in standby
Output	24V-1A relay NO
Frequency	433.92Mhz OOK
Amount of remotes	31
Amount of channels	1 (relay channel NO)
Channel modes	• Monostable (1,3,5,25 seconds) • "SLAYP" (So Long As You Press) • Bistable
Operation	Buzzer tips
Range	up to 200m

ADDITIONAL FEATURES

- *superheterodyne receiver - up to 200m range
- *Mounting hole-effective mounting with one screw even on a spherical surface or clamp
- *acoustic confirmation signal is received, differently for remotes NICE FLOR and differently for other remotes
- *You can register up to 4 buttons and combinations of the 4 buttons on remote, two buttons and a combination of the two-button on remote(to prevent accidental pressing.)
- *Acoustic signaling for one minute low battery remote control (programmable option)
- *Registered remote control, you can:
 - acoustically see the number programmed remotes
 - remotely clone a new remote control.

1. Operation of the receiver

1.1 Pressing registered the remote control button turns on the relay in the receiver. The relay can work in one of three modes:

- Bistable
- Monostable(1,3,5,25 seconds)
- "S-L-A-Y-P" (So Long As You Press)

1.2 Switching the relay in the receiver can be confirmed by buzzer. Using the remote control NICE FLOR it can be signaled by a buzzer one signal and use other remote with rolling code can be signaled double signal buzzer.(optional programmable)
Buzzer is always active during programming.

1.3 The use of a weak battery remote control can be signaled by a buzzer (four beeps every three seconds for one minute). Using a remote control with a good battery end the signaling.

1.4 Information on the number of registered remotes

Press and hold the button unregistered or one of combinations of keys registered remote control for 3 seconds. After a while you can hear the signal buzzer two groups, separated by a short break. Buzzer signals to be expected in the first and second groups. The number of signals the first group is the digit of tens, and the number of signals the second group is the digit of units. (0) Zero is signaled by a single extended signal buzzer. For example, 2 signals in the first group and 3 signals in the second group, means that it is 23 registered remotes, Long beep in the first group, and 6 shorter beeps in the second group represent registered 6 remotes.

2. Setting up the receiver

Programming the receiver is done in six steps using button and buzzer signal. When you press the button of the receiver, the buzzer signals **once** sound. While holding down the button, after four seconds, the buzzer signals **twice**, after another four seconds, the buzzer signals **three times**, after another four seconds, the buzzer signals **four times**, after another four seconds indicates **5 times** and finally after four seconds buzzer signals **6 times**.

*Releasing the button after one signal, allows storing push-buttons remote. (See section 2.1)

*Releasing the button after a double buzzer signal will allow erasing remote control from receiver memory. (See section 2.2)

*Releasing the button after a triple beep buzzer to set the mode for the relay-See section 2.3.

*Releasing the button after a quadruple signal buzzer to set the buzzer signaling. (See section 2.4)

*Releasing the button after five buzzer signals, can be selected:

-Is cloning remote control is possible

-Is remotes operate only one brand code, eg. only Nice Flor

-Is operate all remote controls (open code). (See section 2.5)

*Releasing the button after six buzzer signals, receiver *can be reset to factory settings and erase all memory of saved remotes.* (See section 2.6)

2.1 Registering remote controls

Press and hold the button on the receiver until you hear one signal buzzer, immediately release the button. From this moment for 10 seconds the receiver is waiting for pressing and releasing the buttons on the remote. Effective registration the button on the receiver is confirmed by a signal buzzer. A single buzzer signal for the remote control with any brand code (open code) or dual buzzer signal for the remote control with dedicated brand code eg. (Nice Flor)

Effective registration of the remote control receiver is extended by 10 seconds waiting time receiver for a signal from another remote control. Automatic Termination of registration remote receiver takes 10 seconds after the last registration of the remote and is indicated six-tone melody.

You can quickly manually complete the registration remote by pressing the button on the receiver immediately after the registration of the last remote, and receiver is indicated six-tone melody, followed by information on the number of registered remote as described in section 1.4

You can register up to 31 remotes.

Note: If the receiver does not respond of buzzer for efficient remote means it has full memory of 31 remote. You can check the number of registered remote. See Section 1.4

2.2 Deleting remote from the receiver's memory

Press and hold approx. 6 seconds the button in the receiver, and then when you hear a double beep, release the button. From this moment for 10 seconds the receiver waits for pressing and releasing the button on the remote, which is to be deleted. Pressing any button on the remote erases all buttons of the remote in the receiver. Successful erasure is confirmed signal buzzer. Automatic exit from the delete function will 10 seconds after the deregistration of the last remote and is indicated six-tone melody.

You can faster manually complete the deregistration of the remote by pressing the button

on the receiver immediately after the deregistration of the last remote, and receiver is indicated six-tone melody, followed by information on the number of registered remote as described in section 1.4

2.3 Changing modes of the relay

Press and hold the button on the receiver (about 10 seconds) and then when you hear the triple signal buzzer, release the button.

The receiver then generates 6 signals buzzer, pressing the button after you hear :

- the first signal buzzer activates bistable mode
- the second signal buzzer activates "SLAYP" (So Long As You Press)
- the third signal buzzer activates monostable mode 1 second
- the fourth signal buzzer activates monostable mode 3 seconds
- the fifth signal buzzer activates monostable mode 5 seconds
- the sixth signal buzzer activates monostable mode 25 seconds

Button is pressed, accompanied by a six-ton melody, receiver exit the programming mode.

2.4 Changing the buzzer mode

Press and hold the button on the receiver (about 14 seconds) and then when you hear the four signal buzzer, release the button.

The receiver then generates 4 signals buzzer, pressing the button after you hear :

- the first signal buzzer, buzzer off
- the second signal buzzer, buzzer only confirms the operation of the relay
- the third signal buzzer, buzzer confirms only a weak battery of remote control
- the fourth signal buzzer, buzzer confirms the operation of the relay and low battery.

Button is pressed, accompanied by a six-ton melody, receiver exit the programming mode.

2.5 Cloning Management and remote Operations

Press and hold the button on the receiver (about 18 seconds) and then when you hear the five signal buzzer, release the button.

The receiver then generates 4 signals buzzer, pressing the button after you hear :

- the first signal buzzer, you can remotely clone / add a new remote with the help of already registered remote
- the second signal buzzer, can not be remotely clone / add remote
- the third signal buzzer, only operate a particular brand (eg. Nice Flor)
- the fourth signal buzzer, mode on Open Code (operate all remote different brands)

Button is pressed, accompanied by a six-ton melody, receiver exit the programming mode.

2.6 Erasing the memory of receiver and restore factory settings

Press and hold the button on the receiver (about 22 seconds) and then when you hear the six signal buzzer, release the button.

Remote memory is empty. The receiver operates in monostable mode 1 second. Buzzer confirms the operation of the remote and poor battery remote. Mode Open Code is enabled. You can remotely clone remote control.

3. Remote cloning remote control

The buttons on the remote control cloned operate the same way as the remote control master. It is recommended to copy the same model remote. It is then sure that the buttons on the remote - pattern occur in the new remote.

Cloning close to the receiver as follows:

- For at least five seconds to press any button on the new remote until you hear two signal buzzer.
- Within three seconds, you should press three times at regular intervals one seconds any remote control button pattern, then receiver switches on for 3 seconds buzzer
- Again press for one second any button on the new remote control, and buzzer interrupt signaling.

The cloning procedure is analogous to the systems Nice Smilo.