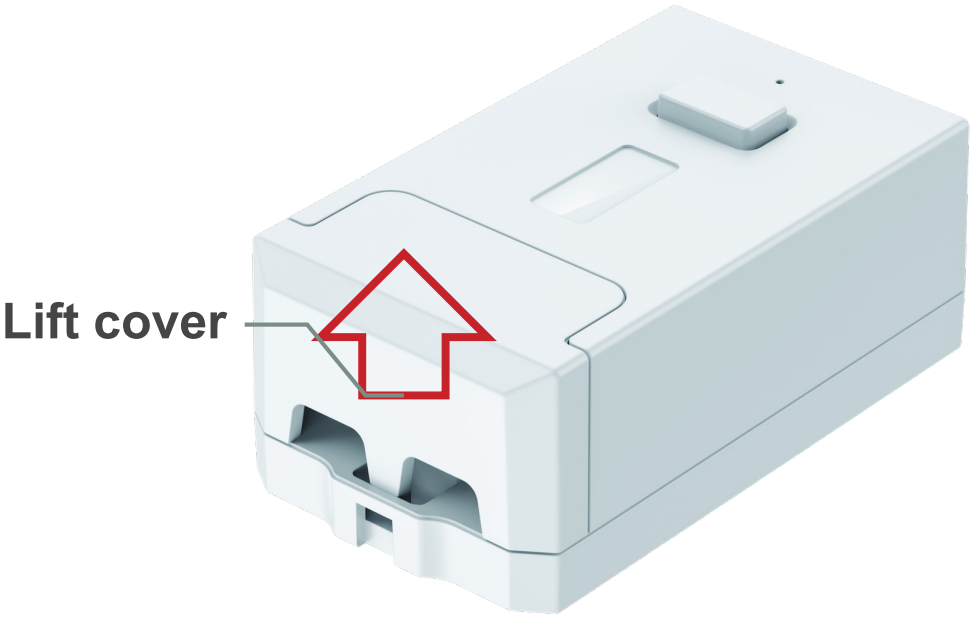
Installation Guide



C3161R

RF On/Off Receiver

For compatible wireless kinetic switches.

Technical parameters

Input / output	100–240 V AC 50/60 Hz
Rated current	16 A max.
Resistive load	3680 W max. 230–240 V AC only
LED load	800 W max. 100–240 V AC
Wireless protocol	433 MHz RF (ASK)
Pairing capacity	Up to 10 different kinetic switches
Dimensions (L × W × H)	76 × 44 × 32 mm
Operating temperature	−10 to +55 °C
Standby power	< 0.1 W

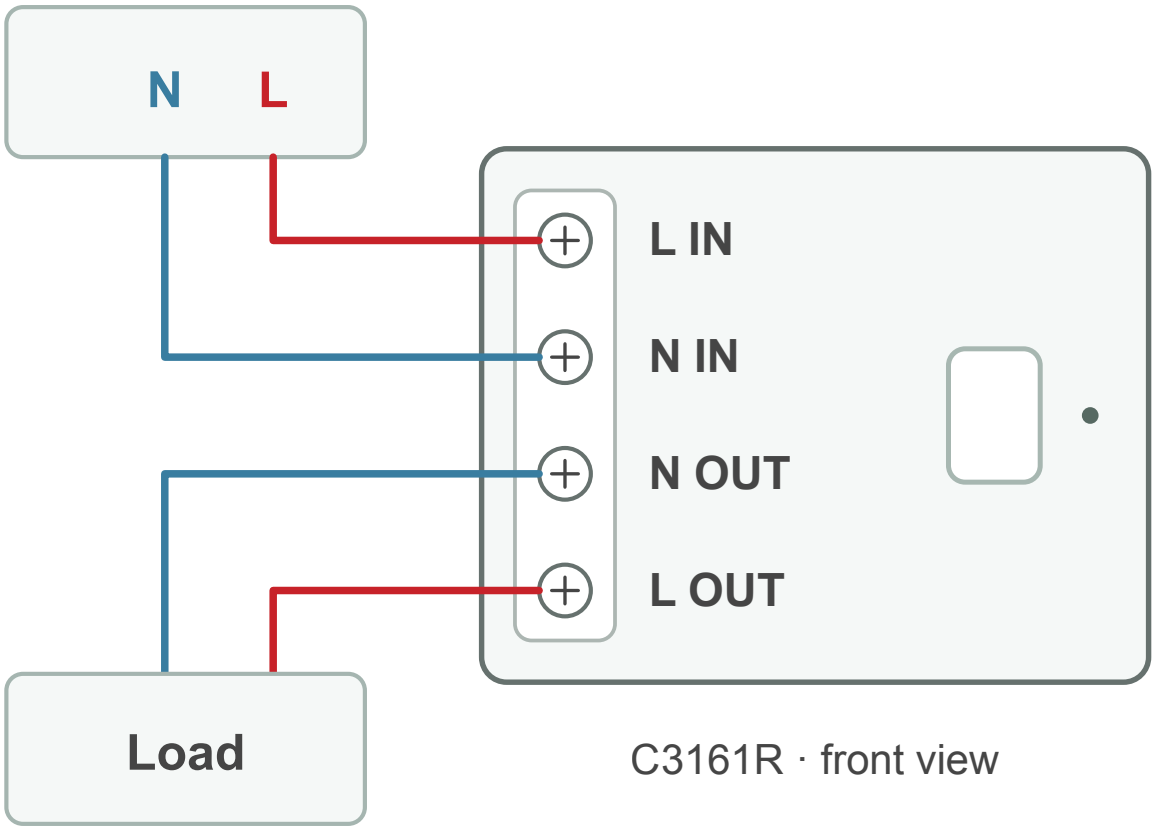
Do not exceed 16 A at any supply voltage. Observe the separate resistive and LED load limits above.

1. Installation and connections

Isolate the mains supply before wiring or changing any connections. Have the receiver installed by a qualified electrician.

Connect the AC supply to L IN and N IN. Connect the load to L OUT and N OUT.

AC supply: 100–240 V AC, 50/60 Hz



C3161R · front view

Isolate the mains before touching the terminals.

2. Pairing and operation

Pairing steps

1. Connect the receiver to its AC supply.

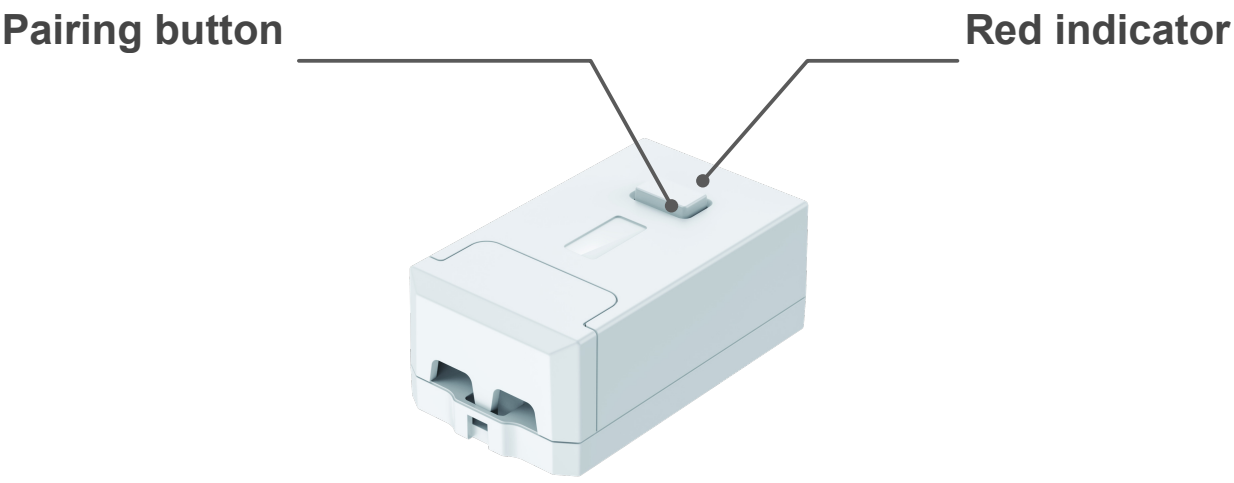
2. Hold the pairing button for about 3 seconds.

3. Release it when the red indicator lights up.

4. Press one wireless switch key once.

5. The red indicator goes out when pairing succeeds.

Note: If no key is paired within 60 seconds, the receiver exits pairing mode and the red indicator goes out.



Avoid rapid repeated presses. Test the paired switch.

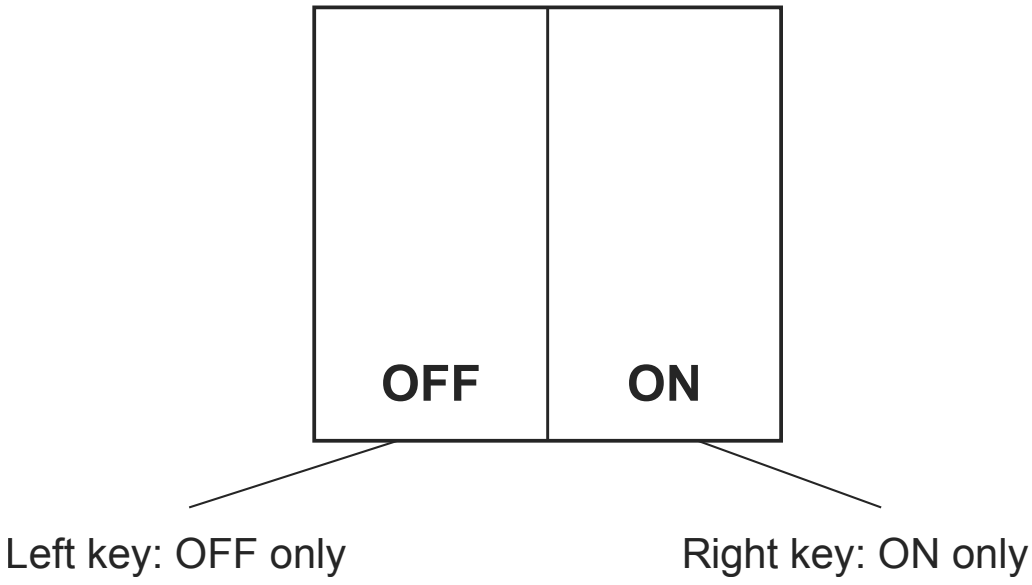
3. Optional directional pairing

For 2-gang switches only; normal pairing is supported.

When one switch controls several receivers, a missed signal can leave lights in different states. A short press of the left key sends OFF; the right key sends ON.

To pair, follow steps 1 to 3 on page 4, then press the same key 3 times within 1 second. The red indicator goes out when pairing succeeds.

Key functions in directional mode



Repeat the OFF or ON command if any lights remain out of sync.

4. Clearing and troubleshooting

Press and hold the pairing button for about 6 seconds. Release when the red indicator changes from on to off. It flashes 3 times to confirm that all paired keys have been cleared.

Pair the required switch keys again after clearing.

Troubleshooting

No wireless response
Check the AC supply and that the wireless switch key has been paired.

Pairing does not complete
Repeat the pairing steps. Press the wireless key once when the red indicator is on.

Load does not switch
Disconnect the AC supply. Check the wiring and the rated load limits.

5. Installation notes

Wireless range

Indoor: up to 30 m. Open area: up to 80 m.

Open-area range applies in unobstructed conditions. Actual range depends on walls, interference, the installation and surroundings.

Receiver placement

Do not place the receiver in a metal enclosure.

Disconnect the mains supply before connecting the receiver. Failure to do so can cause electric shock, fire or other hazards.

Do not attempt to service or repair the product yourself. Do not use it if it is visibly damaged.