Installation Guide



C1101R

RF On/Off Receiver

For compatible wireless kinetic switches.

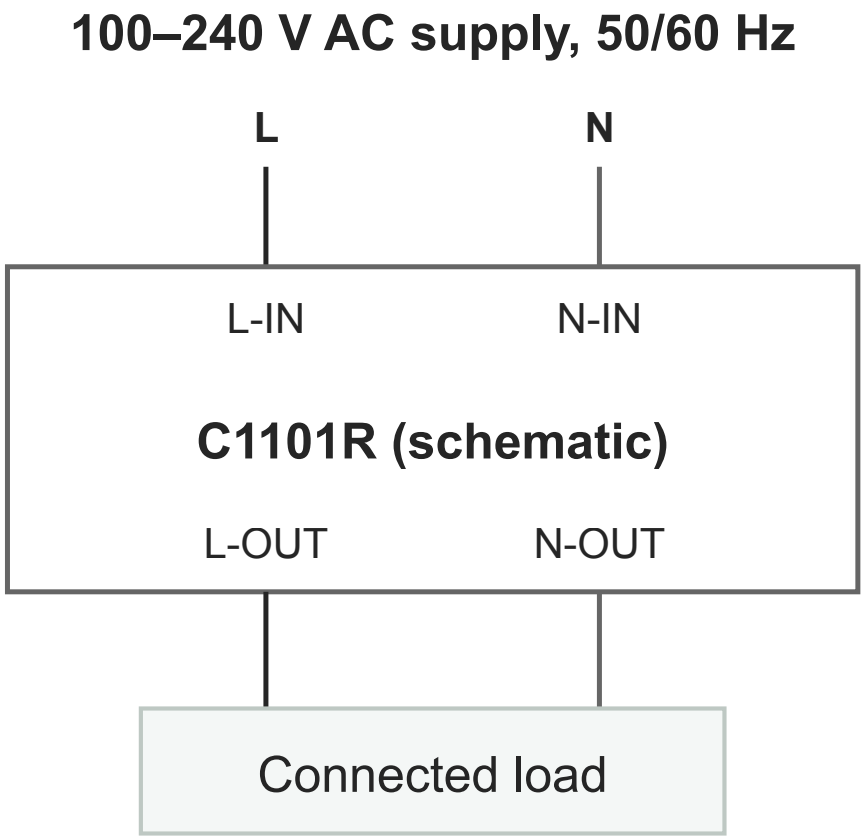
Technical parameters

Input / output	100–240 V AC 50/60 Hz
Rated current	5 A max.
Resistive load	1000 W max. at 240 V AC only
LED load	300 W max. 100–240 V AC
Wireless protocol	433 MHz RF (ASK)
Pairing capacity	Up to 10 different kinetic switches
Dimensions	44 × 44 × 22 mm
Operating temperature	−10 to +55 °C

Do not exceed 5 A at any supply voltage. The 1000 W resistive rating applies at 240 V AC only.

1. Supply and load connections

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



Terminal arrangement (front view)

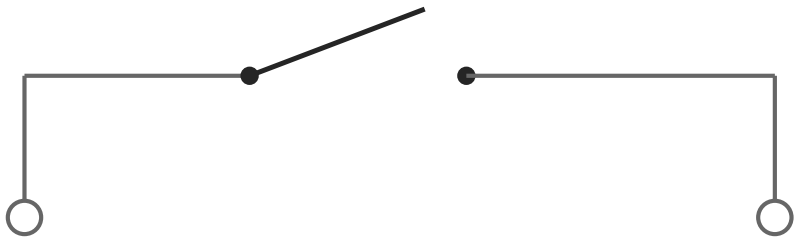
L-OUT	L-IN	N-IN	N-OUT	S1	S2

2. External switch wiring

S1 is internally linked to L-IN (live). S2 is the switched-live input.

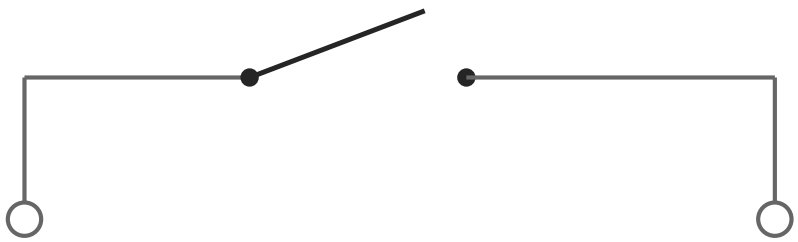
Use a maintained switch or momentary push-button. For multi-location control, see page 5.

A. External switch between S1 and S2



S1 (live) **S2**

B. External switch between L and S2



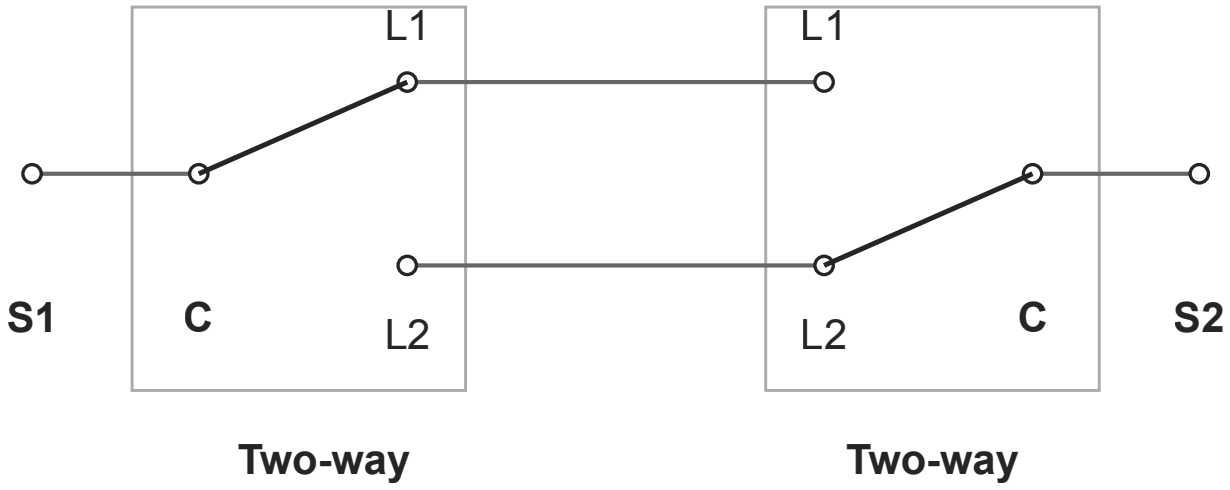
L (from L-IN supply) **S2**

The external switch must use the same live supply as L-IN. Do not connect a separate supply.

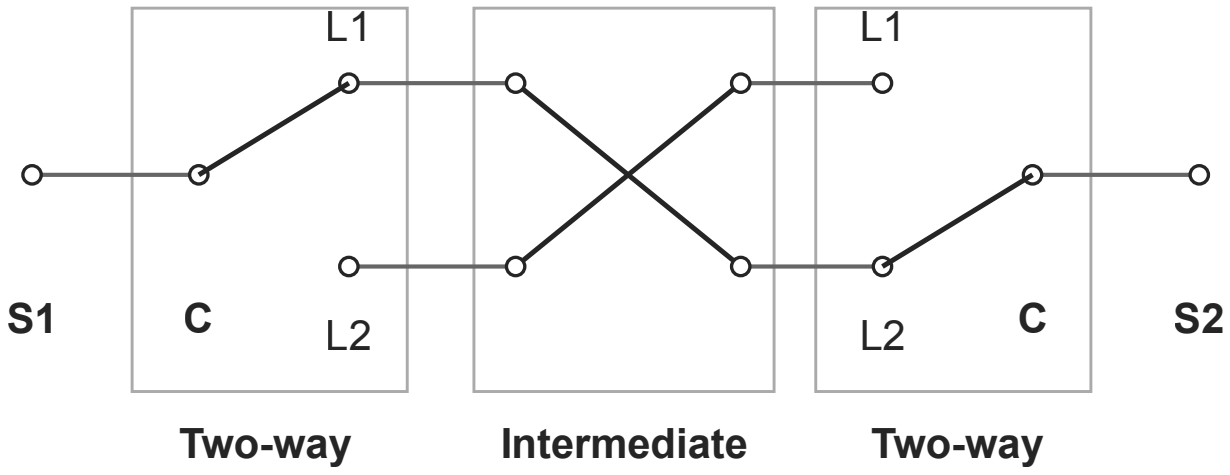
3. Multi-location switch wiring

S1 is live. Isolate the mains supply before wiring.

A. Two-location control



B. Three-location control



C = COM (may be marked L). Terminal layouts vary.

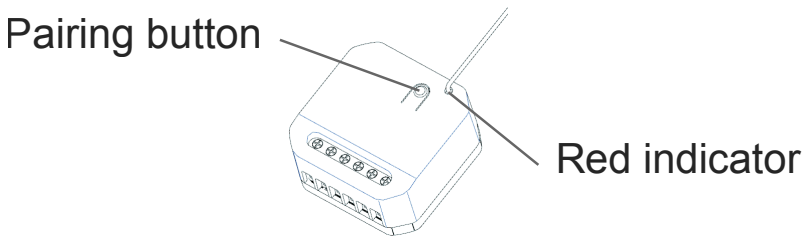
4. Pairing and operation

With the receiver powered from its AC supply, hold the pairing button for about 3 seconds. Release it when the red indicator lights up, then press one key of a compatible wireless switch once. Avoid rapid repeated presses. The red indicator goes out when pairing succeeds. The wireless switch can then control the receiver.

Pairing steps

1. Connect the receiver to the AC supply.
2. Hold the pairing button for about 3 seconds.
3. Release the button when the red indicator lights up.
4. Press one wireless switch key once.
5. Check that the indicator goes out, then test the switch.

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



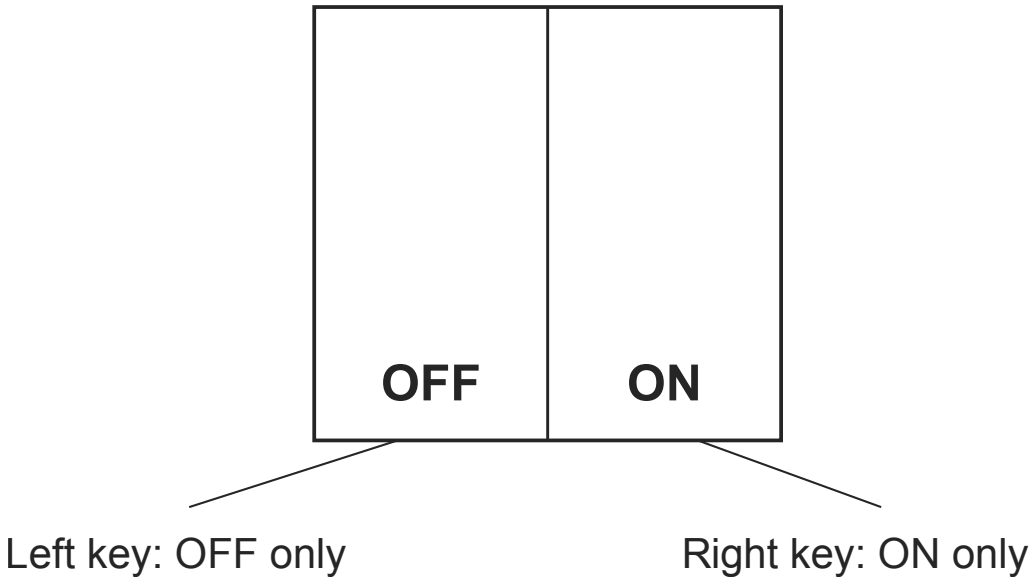
5. Optional directional pairing

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 6, 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.

6. Clearing and troubleshooting

Clear all paired switches

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

Pair the required wireless switches again after clearing.

Troubleshooting

No wireless response
Check the AC supply and connections, then check whether the wireless switch has been paired.

Pairing does not complete
Repeat the pairing sequence. Press the wireless switch once while the red indicator is on.

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