Installation Guide



C1161Z

Zigbee On/Off Receiver

For compatible wireless kinetic switches.

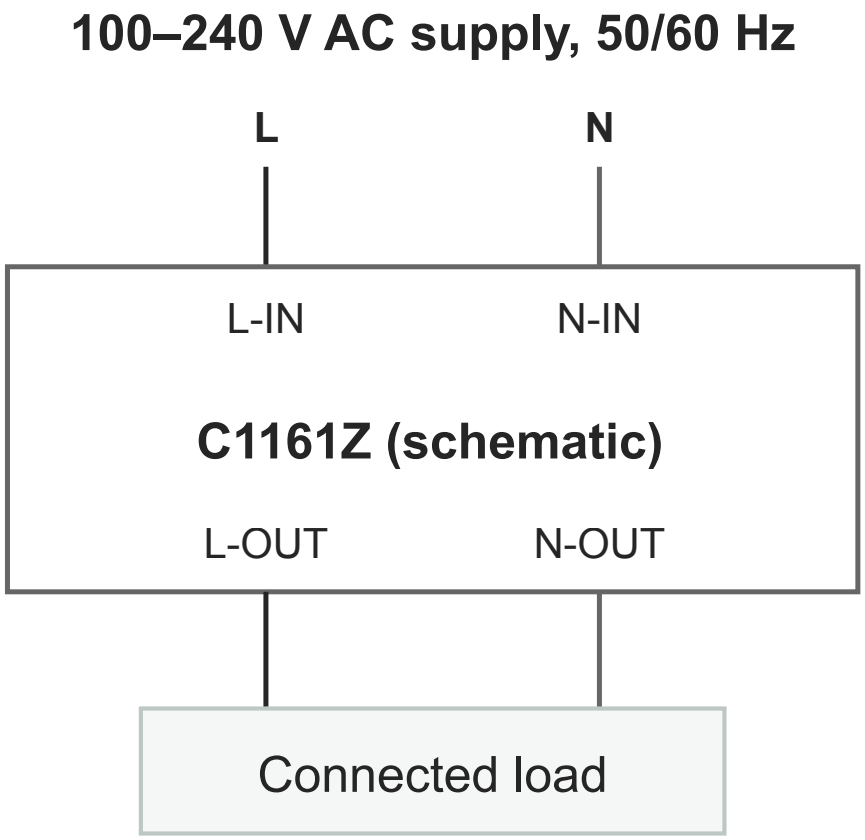
Technical parameters

Input / output	100–240 V AC 50/60 Hz
Rated current	10 A max.
Resistive load	2000 W max. at 240 V AC only
LED load	500 W max. 100–240 V AC
Wireless protocols	433 MHz RF (ASK) 2.4 GHz Zigbee
Pairing capacity	Up to 10 different kinetic switches
Dimensions	44 × 44 × 22 mm
Operating temperature	−10 to +55 °C

Do not exceed 10 A at any supply voltage. The 2000 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)

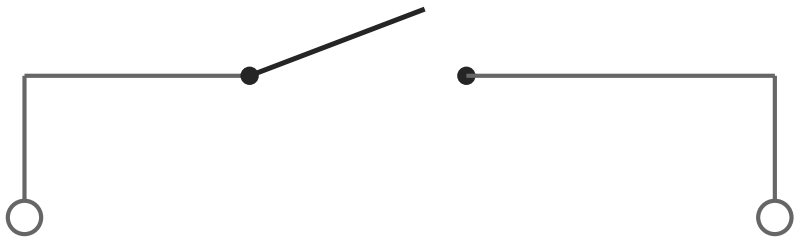
L-OUT	L-IN	N-IN	N-OUT	S1	S2

2. External switch wiring

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

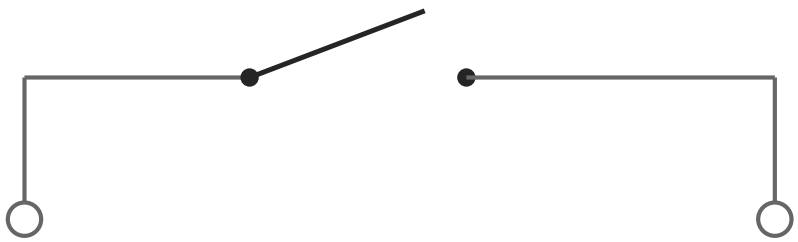
Use a maintained switch or momentary push-button. For multi-location control, see pages 5 and 6.

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.

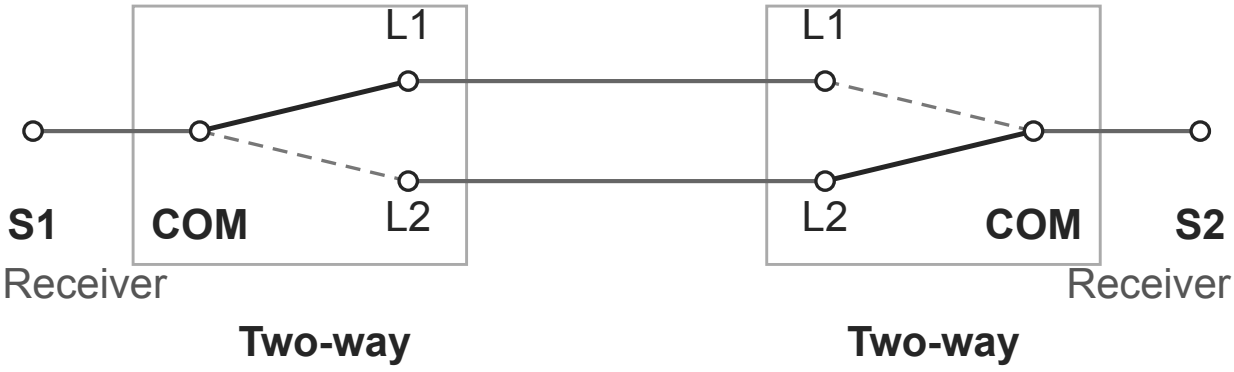
3. Multi-location wiring - Europe

S1 is live. Isolate and verify dead before wiring.

S1: linked to L-IN. S2: switched-live input (same receiver).
Functional diagram; terminal layout varies. Supply/load: page 3.

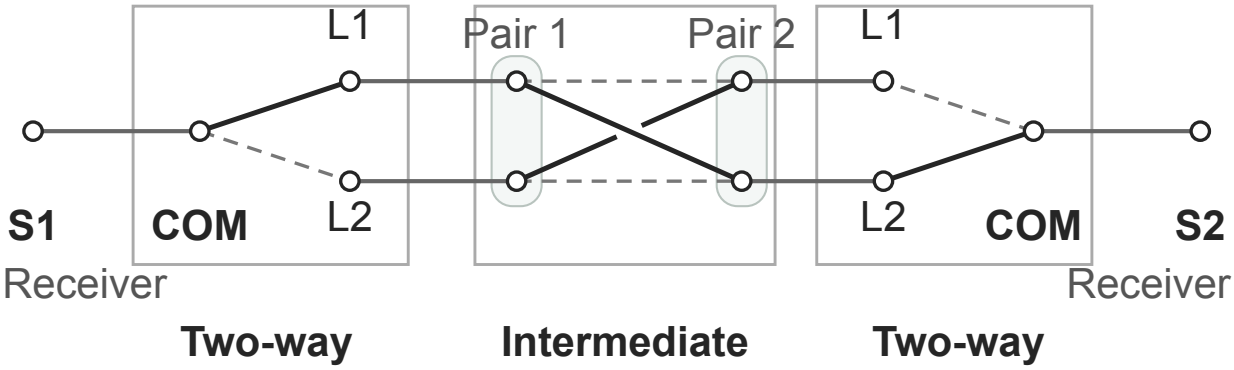
A. Two-way switching

Control from two locations



B. Intermediate switching

Control from three locations



COM = common (may be marked C or L).
Solid/dashed: alternative internal contact positions.
Identify pairs by switch markings; use the L-IN supply.

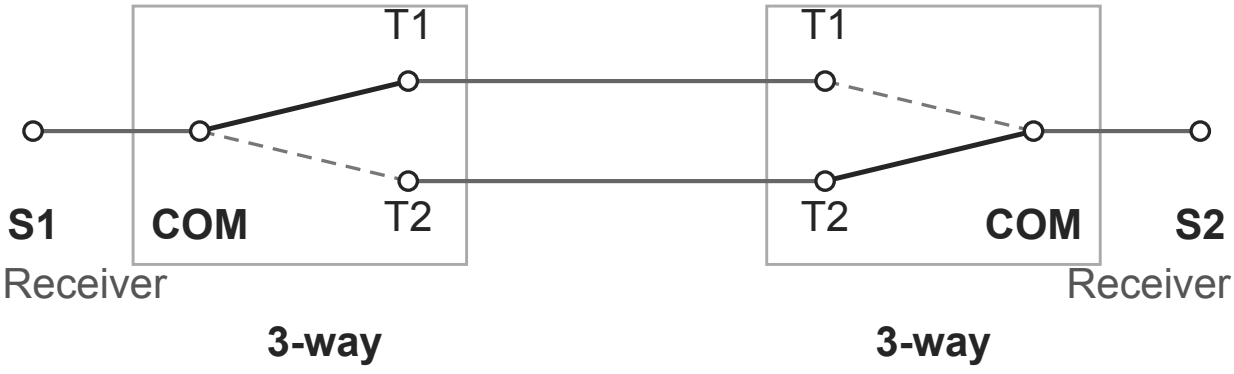
4. Multi-location wiring - US

S1 is live. Turn off power and verify it is off.

S1: LINE (L-IN); S2: switched-hot input (same receiver).
Functional diagram; terminal layout varies. Supply/load: page 3.

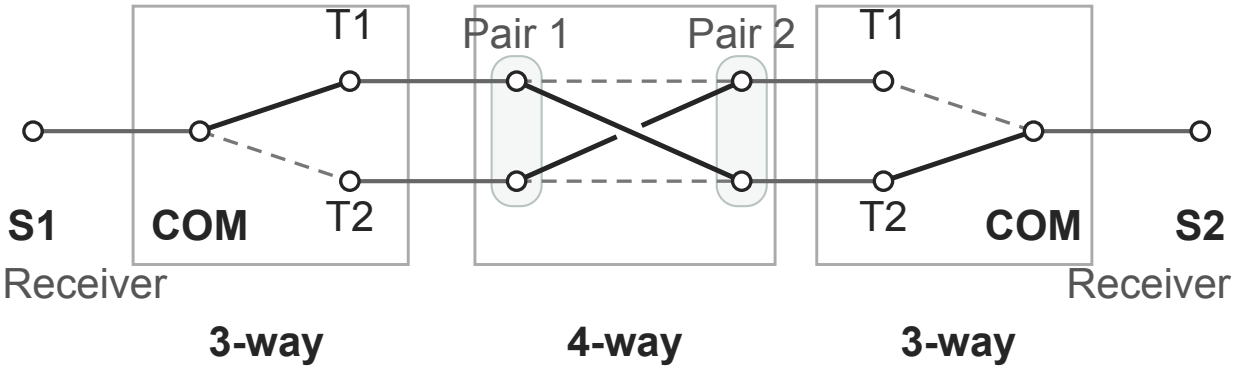
A. 3-way switching

Control from two locations



B. 4-way switching

Control from three locations



COM = common; T1/T2 = travelers (diagram labels).
Solid/dashed: alternative internal contact positions.
Identify pairs by switch markings; use the L-IN supply.

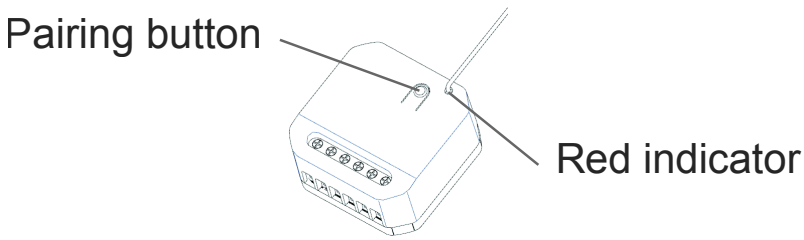
5. Pairing and operation

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.



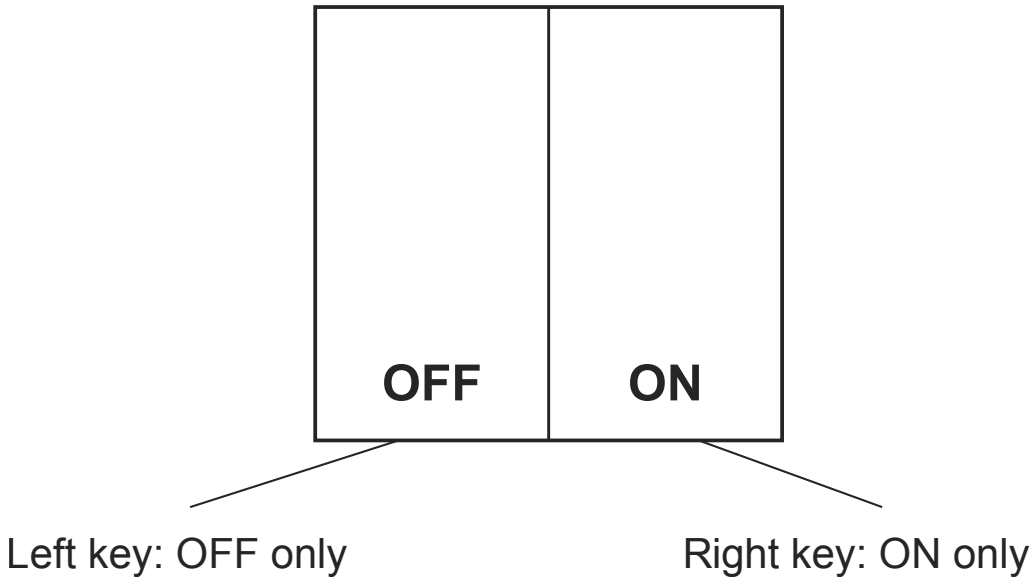
6. Optional directional pairing

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 7, 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.

7. 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.

8. Connect to Zigbee

Download Smart Life from the App Store or Google Play, or scan the QR code below.

Open Smart Life. Create an account, or sign in with your existing account.

Smart Life app

A Zigbee gateway is required.

Add the gateway to Smart Life first. Follow the gateway instructions for connection details.

9. Enter Zigbee pairing mode

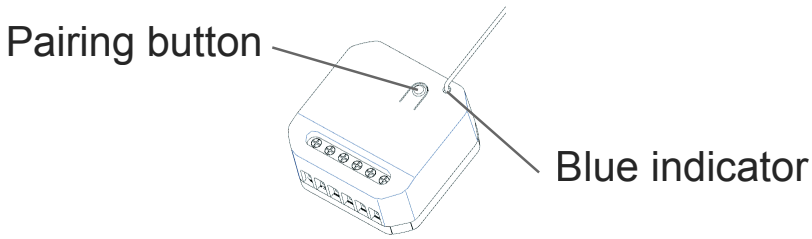
1. Connect the receiver to its AC supply.

2. Hold the pairing button for about 9 seconds.

3. Release it when the blue indicator flashes rapidly.

4. In Smart Life, open your gateway. Select Zigbee devices list and tap Add devices to search for the receiver.

5. When pairing is complete, the receiver appears in the app.



Troubleshooting

Gateway not shown?

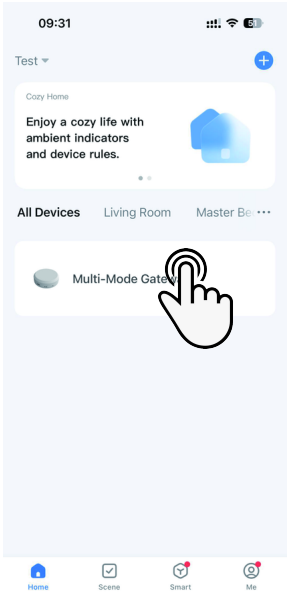
Add a Zigbee gateway to Smart Life first. Follow the gateway instructions for setup.

Receiver not found?

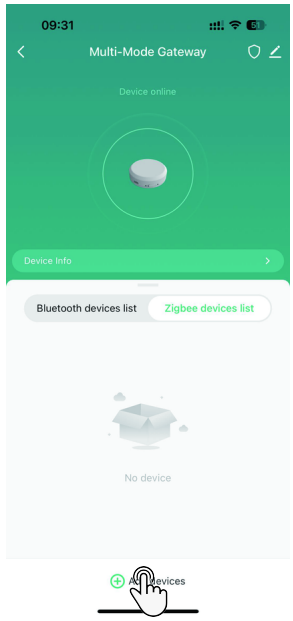
Repeat steps 2–3 to enter pairing mode, then search again.

10. Add the Zigbee receiver

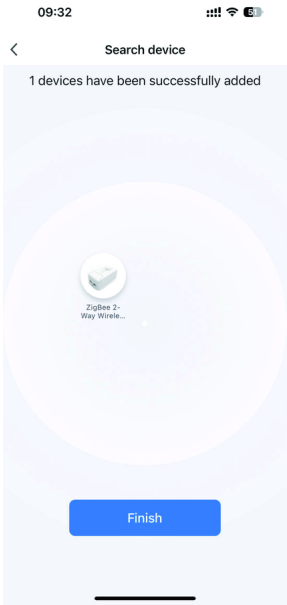
1. Add the gateway



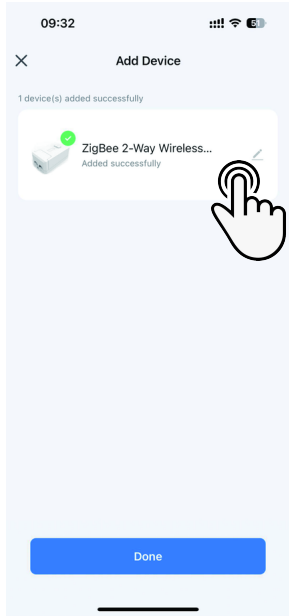
2. Tap Add devices



3. Search for the receiver



4. Added successfully



App screenshots are examples.

11. Alexa and Google Home

Scan the relevant QR code below for the setup tutorial.

Alexa tutorial

Google Home tutorial