

Installation Guide



DC1101R

RF On/Off Receiver

For compatible wireless kinetic switches.

Technical parameters

Input / output	8-36 V DC
Rated current	5 A
RF frequency	433 MHz
Pairing capacity	Up to 10 wireless switch keys
External switch	Maintained switch or momentary push-button
Dimensions (L x W x H)	44 x 44 x 22 mm
Operating temperature	-10 to +55 °C

For compatible wireless kinetic switches.

1. Installation and connections

IMPORTANT: DC SUPPLY ONLY

Use an 8-36 V DC supply. Never connect this receiver to AC mains. Disconnect the DC supply before making or changing connections. Use a load rated for the connected DC voltage. Do not exceed 5 A. Check the input and output polarity before applying power.

Terminal order (front view):



VIN+ / VIN-

DC supply positive / negative.

OUT+ / OUT-

Load positive / negative.

S1 / S2

Connect the external switch across S1 and S2.

2. Pairing and operation

With the receiver powered from its DC 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 DC 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.

3. 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 switch keys again after clearing.

Troubleshooting

No wireless response

Check the DC supply and polarity, then check whether the wireless switch key has been paired.

Pairing does not complete

Repeat the pairing sequence. Press the wireless key once while the red indicator is on.

Load does not switch

Disconnect the supply. Check the output connections and the load voltage and current requirements.