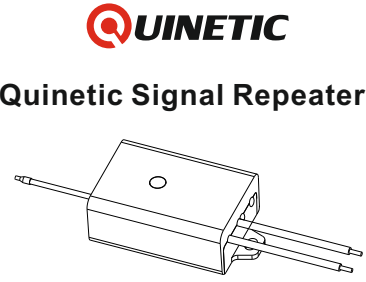


# QURP - Quinetic Repeater Instructions

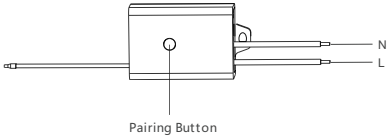


**QURP**  
Installation Instructions

Read all instructions before installation

### Product Description

The signal repeater extends the RF signal and wirelessly operates (ON/OFF and dimming) any Quinetic receiver. It improves signal quality and range while eliminating signal transmission interference. It can be paired with up to 10 wireless Quinetic switches, and it will extend the signal from the paired switches to the receiver.



### Specifications

**Voltage Range:** AC 100V-240V 50/60Hz  
**Work Frequency:** RF 433MHZ  
**Standby Power:** <0.4W  
**Control Method:** Pairing with Quinetic Wireless Switch  
**Storage Capacity:** 10 Wireless Kinetic Switch info  
**Receiving Range\*** (from Switch): ● up to 15m indoor  
 ● up to 30m outdoor  
**Extending Range\*** (to Receiver): ● up to 50m indoor  
 ● up to 120m outdoor

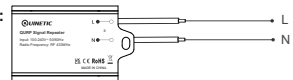
\*Distance comes from Quinetic laboratory test results. The actual distance in practical use might vary due to environmental differences.

**Receiving Sensitivity:** -110dBm  
**Product Size:** L52mm\*W32mm\*H19mm  
**Product Weight:** 24g  
**IP Rating:** IP20  
**Working Temperature:** -20°C~55°C  
**Control Method:** The signal repeater extends the RF signal and wirelessly operates (ON/OFF and dimming) any Quinetic receiver, enhancing the signal quality and distance.  
**3 Year Warranty**

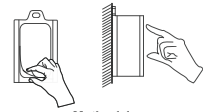
### Installation

- Ensure that the power is turned off before installation.
- The Signal Repeater line input should be connected using live and neutral cable from mains.

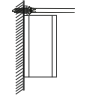
**Wiring Diagram:**



- Use the double-sided adhesive tape or screw to fix the signal repeater.



**Method 1:**  
Use the 3M tape to stick the repeater to a clean surface



**Method 2:**  
Screw to fix to the wall or flat surface.

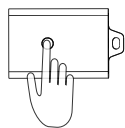
### Pairing Steps

- Pair first the Quinetic switch to the receiving controller.**
  - Press the function button for 3 seconds and the indicator light begins to flash slowly. Then release the button and enter the single pairing state.
  - Press the wireless kinetic energy switch and the indicator light on the controller will go out, which means that the pairing is successful.
- Pair the Signal Repeater to the Quinetic Switch.**
  - Press the signal repeater function button for 3 seconds and the indicator light begins to flash slowly. Then release the button and enter the pairing state.
  - Press the wireless kinetic energy switch and the indicator light on the repeater will go out, which means that the pairing is successful.

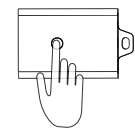
After the pairing is successful press the wireless kinetic switch and the red indicator on the signal repeater will flash once.

The QURP Signal Repeater can now be used to extend the range of a wireless kinetic switch to a Quinetic wireless receiver (ON/OFF and dimming).

The Quinetic wireless receiver needs to be paired with the same wireless kinetic switch to recognize the bridging mode. Repeat the same pairing process if you want to extend the transmitting distance between another Quinetic receiver and kinetic wireless switch. A maximum of 10 switches can be paired to a signal repeater.



Press for 3 seconds to enter pairing mode



Press for 10 seconds to clear memory

### Clear Pairing Information:

To remove the signal repeater stored pairing information press the function button for 10 seconds and the indicator light will flash slowly, come on then go out. Release the button and all the pairing information will be cleared.

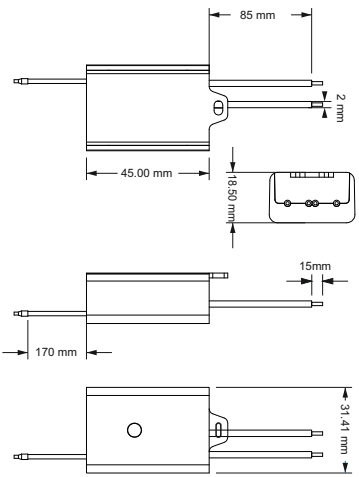
### Precautions:

- The wiring must be done in accordance with the installation instructions. Damage caused by incorrect installation and operation are not covered under warranty.
- Do not short-circuit, it will cause permanent damage to the signal repeater.

### Troubleshooting:

- If pairing does not work first check if the indicator is lit. Re-pair in case pairing has been lost after power failure.
- If the signal repeater does not respond check the LED indicator. If this does not light check the power supply.

### Dimensions:



85 mm (width)  
 45.00 mm (length)  
 2 mm (height)  
 18.50 mm (depth)  
 15mm (width of terminal block)  
 170 mm (length of terminal block)  
 31.41 mm (height of terminal block)

For more information about pairing, instructions and troubleshoot please visit [www.tlc-direct.co.uk](http://www.tlc-direct.co.uk) website.

