Xiaolei

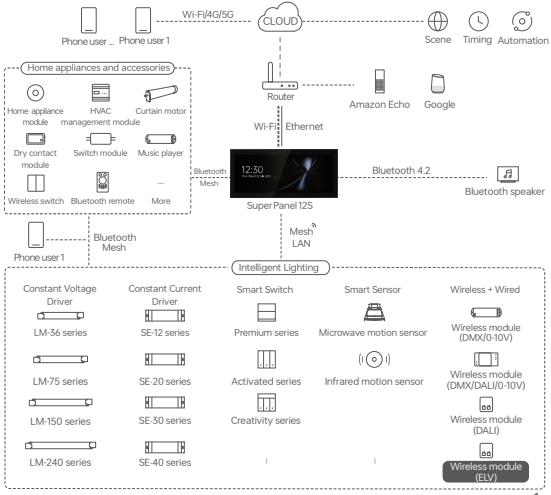
Wireless Module

Model: CG-T

Manual

www.xiaolei.com.cn

Application Diagram



Product Features

- Small size and light weight. The housing is made from SAMSUNG/COVESTRO's V0 flame retardant PC materials.
- Bluetooth 5.0 SIG Mesh with high networking capacity provides reliable and stable performance.
- Convert Bluetooth to ELV signal; Merging the wireless and wired protocol allows more expanded applications.
- Control it on iOS or Android devices via Bluetooth.
- Support online upgrade. With ultra-low power consumption, it can be continuously powered off and on to reset it to factory defaults.
- Support the execution of local scenes without the Internet or a gateway, which is faster and more stable.
- Set the fade time, power-on lighting status, etc.
- Work with a smart gateway to achieve voice control, cloud scenes and automation.

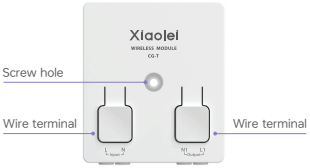
Technical Specs

Model	CG-T
Wireless Protocol Type	Bluetooth 5.0 SIG Mesh
Output Signal	ELV
Input Voltage	100-240V~
Operating Current	Max.1.5A
Output Power	Incandescent lamp or high-pressure halogen lamp: Max.110W (AC 120V), Max.220W (AC 220V) Dimmable LED: Max.80W (AC 120V), Max.180W (AC 220V)
Inrush Current in Loads	Max.45A*
Working Temperature	-20°C~50°C
Product Size(L×W×H)	L52×W59×H20(mm)
Package Size(L×W×H)	L86×W86×H25(mm)
Weight (G.W.)	40g

* The total inrush current of matching products on the output side should be ≤45A, so the matching products have a limited number. When the inrush current of one certain brand's 10W driver is 20A and three are connected into the same circuit, the assumed actual inrush current of this circuit reaches 45A so the number of connected drivers should be 3 or less than 3. The inrush current varies between different brands and between different power. Therefore, when multiple products are connected together, the actual inrush current of the circuit shall prevail and should not exceed 45A otherwise the products might be damaged.

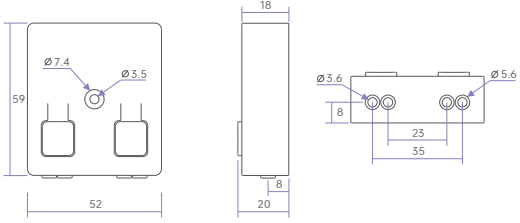
Bluetooth® CE RoHS

Product Images



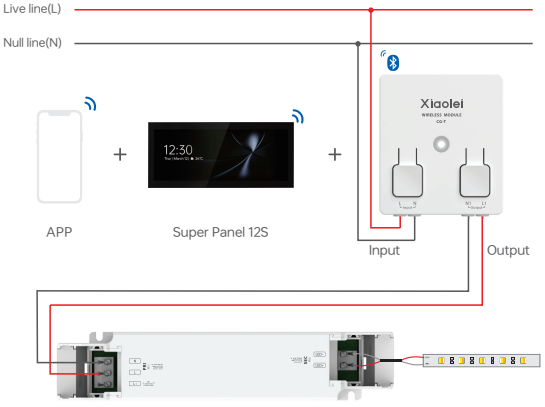
Product Size

Unit: mm

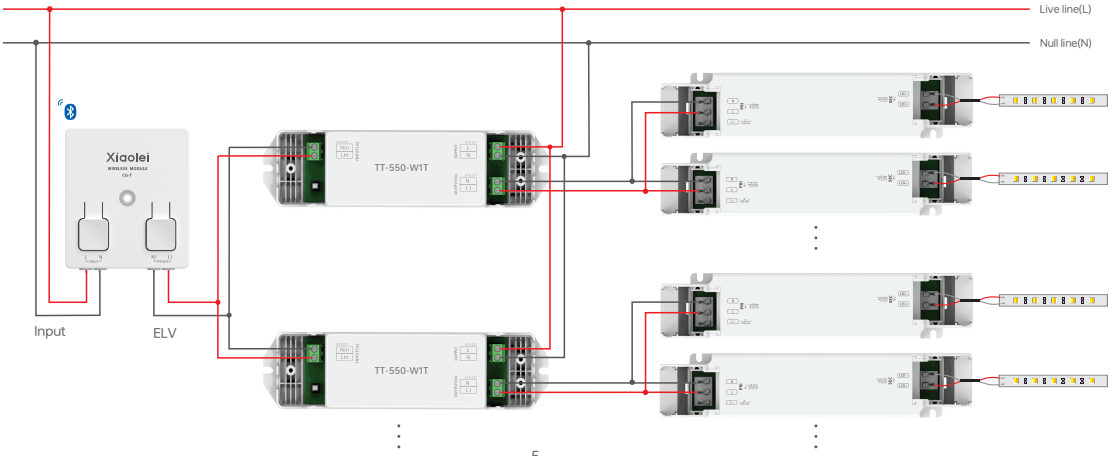


Wiring Diagram

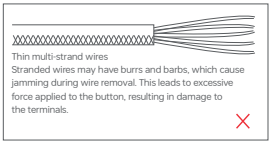
APP + Super Panel 12S + Wireless module + Driver



Wireless module + Multiple Phase cut power amplifiers + Multiple Phase cut LED drivers



Wire Specifications



Wire Connection

Connect wires: Turn off the power before connecting wires. Make wires parallel to the wire port, then insert wires into the corresponding terminal until wires are locked.

Release wires: Turn off the power before releasing wires. Press and hold the button on the top and gently pull the wires out.

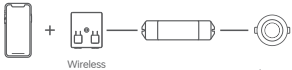
Attentions:

1.Please connect the wires based on the wire specifications. Otherwise the terminals will be easily damaged if the wire diameter is too big;

2.Press the terminals with proper force and keep it vertically downward.

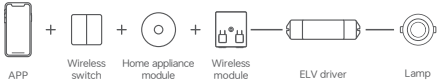
Recommended Applications

1. Wireless control.



2. Both App and remote can control the wireless module after connecting the remote to wireless module via App.

3. Support local scenes that can still run without the Internet or a gateway.



4. Work with a smart gateway to achieve a variety of cloud scenes, cloud-based automation and local automation.

5. More applications of intelligent control are waiting for you to set up.

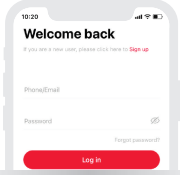
App Operating Instructions

1. Register an account

1.1 Scan the QR code below with you mobile phone and follow the prompts to complete the app installation.

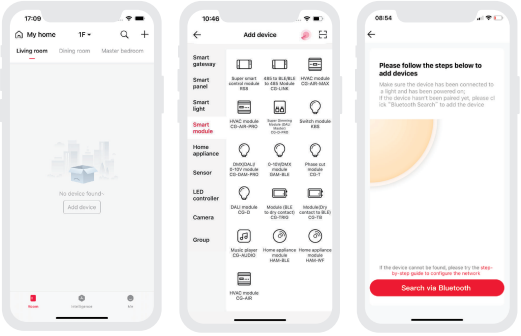
Scan and download the App

1.2 Open the App and log in or register an account



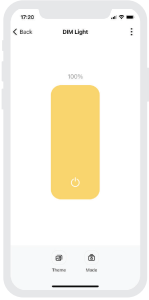
2. Pairing instructions

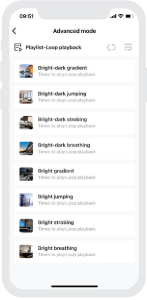
Create a home if you are a new user. Click" + "icon in the upper right corner and access the “Add device” page. Pick “Smart module” - “Phase cut module” from the list.
Follow the prompts to connect the device to a lamp first, then power it on. Next click “Search via Bluetooth ” and follow the prompts to add the device.



3.Control interface settings

After pairing your device, go to the control interface. You'll be able to achieve your desired lighting effects by changing brightness. Click "Theme"and you'll easily switch to multiple theme lighting effects with one tap. Click "Mode" and the App provides you editable advanced modes. Customize dynamic modes to put you into a more colorful life.





4. Advanced functions

4.1 Control the wireless module locally by linking it with a local scene.

4.2 Add a smart gateway like Super Panel 6S to achieve a variety of cloud scenes, cloud-based automation and local automation. For details, please view the instructions in the APP.

FAQs

1. What should I do if I fail to search the device via APP?

   Please check below:

   1.1 Please make sure the device is powered on normally.

   1.2 Please keep your mobile phone and device as close as possible.The recommended distance between them is no more than 15 meters.

   1.3 Please make sure the device hasn't been added yet.If it has,please reset the device to factory defaults manually.

2. How to reset the device to factory defaults?

   Tun it off with the switch. After 5s, turn it on. After 2s, turn it off again. Repeat the same operation 6 times. When the lamp flashes 5 times, reset it to factory defaults successfully.

Attentions

- Products shall be installed by qualified professionals
- LTECH products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.
- Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
- Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

Warranty Agreement

Warranty periods from the date of delivery: 5 years.

Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

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