

LTECH

Wireless Module

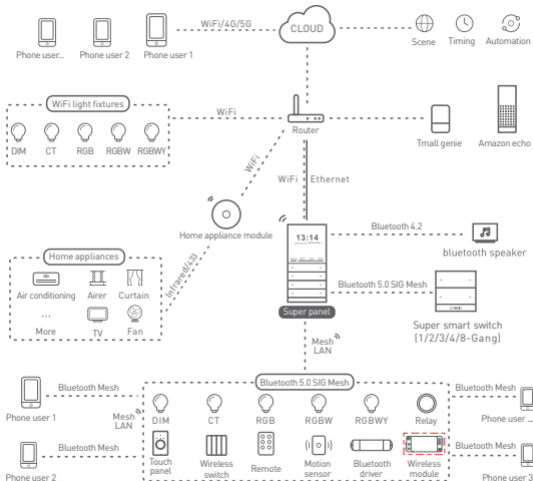
Model: CG-DAM



Manual

www.ltech-led.com

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 is reliable and stable.
- Combine DMX, DALI, 0-10V output into one output port.
- DALI bus power supply.
- Compatible with DIM, CT, RGB, RGBW, RGBWY lights and control output (0-10V output supports DIM and CT only).
- Control it on iOS or Android devices via Bluetooth.
- Support online upgrade. With ultra-low power consumption, it can be continuously powered on and off to reset it to factory defaults.
- Setting the soft start time and lighting status is supported.
- Work with Super Panel to achieve voice control, cloud scenes and automation.

Technical Specs

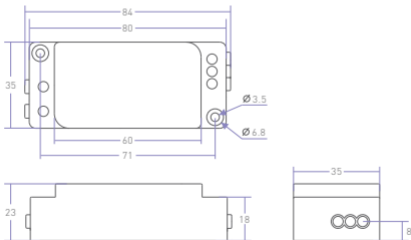
Model	CG-DAM
Wireless Protocol Type	Bluetooth 5.0 SIG Mesh
Output Signal	DMX / DALI / 0-10V
Working Voltage	100~240Vac
DALI Output	12Vdc (Max.20mA)
Working Temperature	-20°C~55°C
Product Size[L×W×H]	84×35×23(mm)
Package Size[L×W×H]	100×70×42(mm)
Weight [G.W.]	30g

Product Images



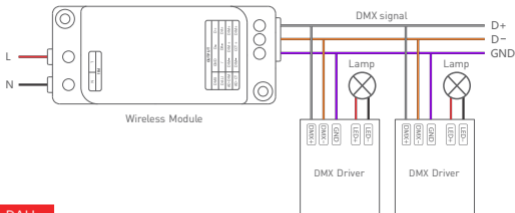
Product Size

Unit: mm

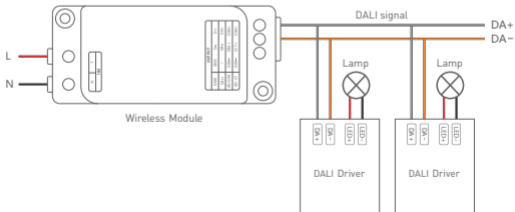


Wiring Diagram

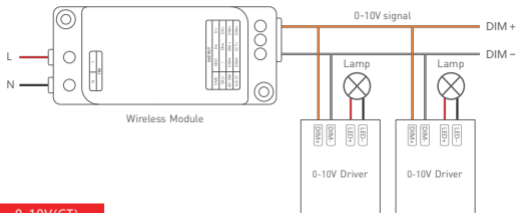
DMX



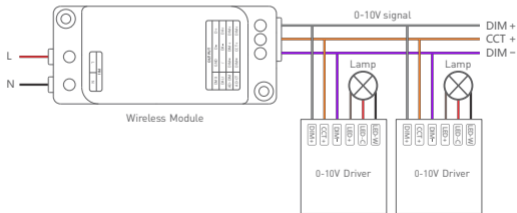
DALI



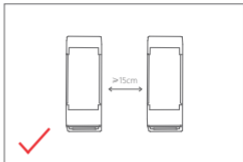
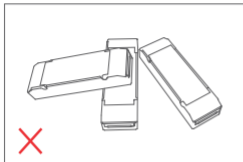
0-10V(DIM)



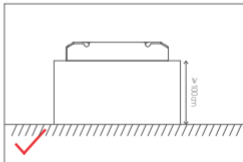
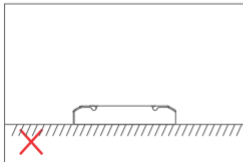
0-10V(CT)



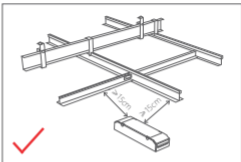
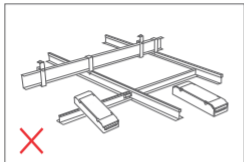
Installation Precautions



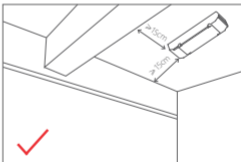
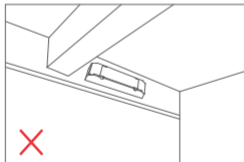
Please do not stack the products. The distance between two products should be $\geq 15\text{cm}$ so as not to affect heat dissipation and the lifespan of the products.



Please do not place the products on the floor. The distance between the product and the floor should be $\geq 100\text{cm}$ so as to avoid signal interference.



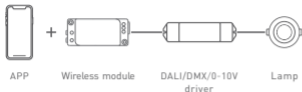
Please do not place the products near a large area of metal objects (such as metal stud ceilings). The distance between the product and the metal object should be $\geq 15\text{cm}$ so as to avoid signal interference.



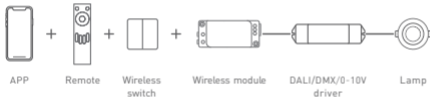
Please do not install the products on beams or near the corners. The distance between the product and the beam or the corner should be $\geq 15\text{cm}$ so as to avoid signal interference.

Recommended Applications

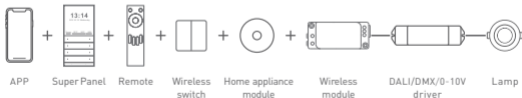
1. Wireless control.



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



3. Visual control+ remote control of traditional panels.



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

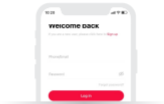
App Operating Instructions

1. Register an account

- 1.1 Scan the QR code below with you mobile phone and follow the prompts to complete the app installation.
- 1.2 Open the App and log in or register an account.

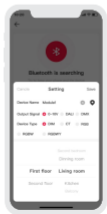


Scan and download the App



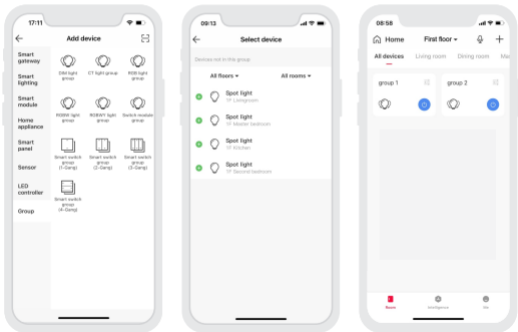
2. Pairing instructions

Create a home if you are a new user. Click "+" icon in the upper right corner and access the "Add device" list. Follow the prompts to add the Bluetooth wireless module first, then select "0-10V/DMX/DALI Module" from the device list. Follow the prompts to click "Bluetooth Search". After the device is found, set the output signal (Default is DMX signal) and the light fixture type, then click "Save".



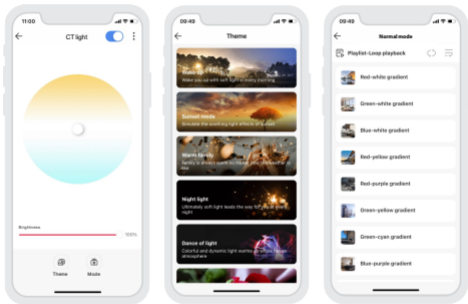
3. Light groups

Users are able to combine the same type of light fixtures into a group to control them simultaneously. Once you create the group, you can set the dim level and adjust the color of lights more easily. Pick "Group-RGBW light group" from the list. Follow the prompts to rename the group and click "Next" to pick the lights you are going to group together and click "Save". To ensure the consistency of dynamic effects, it is recommended to group together the lights that output the same signal



4. 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, colors and color temperature. 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.



5. Advanced functions

This product can be linked up with a gateway device (such as Super Panel) to achieve advanced functions, such as cloud scenes, automation.

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 and is in the activated state.
- 1.2 Please keep you 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?

Make sure the Bluetooth wireless module is connected to a lamp and the lamp remains on. Use the Bluetooth wireless module to power it off. After 5s, power it on. After 2s, power it off again. Repeat the same operation 6 times. When the lamp flashes 5 times, reset the module to factory defaults successfully.

Attentions

- Products shall be installed by qualified professionals.
 - LTECH products are non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
 - Good heat dissipation will extend 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 : 2 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.