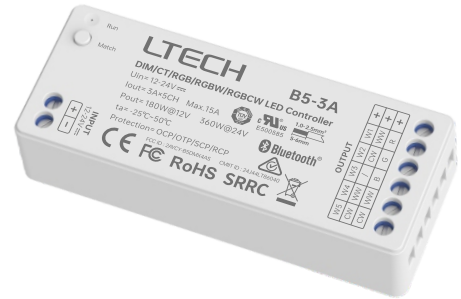


## DIM/CT/RGB/RGBW/RGBCW LED Controller

- Small in size and light in weight, the shell is made of Covestro/Samsung PC flame-retardant V0 grade material.
- Equipped with a soft-start and gradual-brightening function, it offers more comfortable visual experience for human eyes.
- Adopting Bluetooth 5.2 SIG Mesh communication protocol, it features strong networking capability, reliability and stability.
- 5-channel constant voltage output.
- Capable of controlling dimming, color temperature, RGB, RGBW, and RGBCW lamps.
- Can be used with Bluetooth Series B remote controls.
- Built-in 16 dynamic modes.
- One controller can receive signals from 30 remote controls.
- Input and output are separated at both ends to avoid wrong connection.
- The controller automatically transmits the remote control signal to another remote control, extending the remote control distance.
- One remote control can synchronously control multiple controllers.
- Wireless remote control can be realized through the L-Home APP, and with the smart gateway, rich automatic control and cloud scenarios can be achieved.
- Supports OTA upgrade, local scenarios, circadian lighting, and dynamic mode group synchronization.

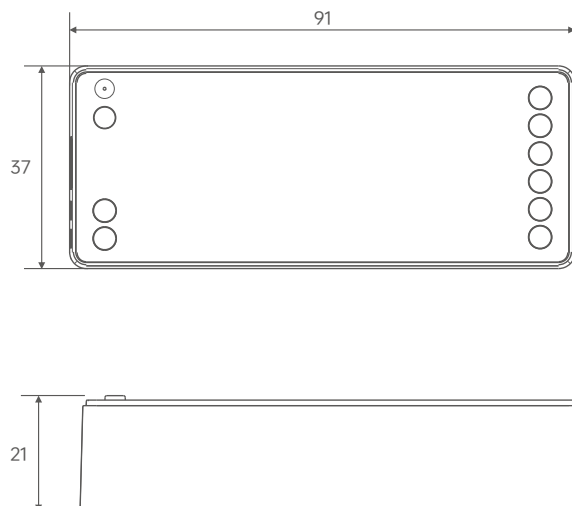


### Technical Parameters

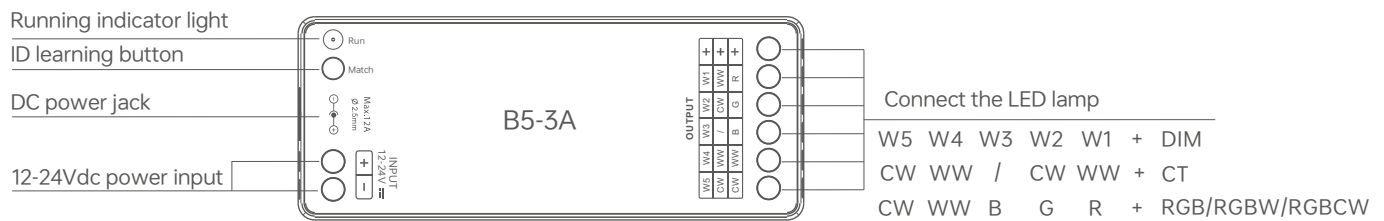
Model	B5-3A
Input signal	Bluetooth 5.2 SIG Mesh
Input voltage	12-24V $\text{---}$
Output voltage	12-24V $\text{---}$
Load current	3A $\times$ 5CH Max. 15A
Load power	180W@12V 360W@24V
Protection	Short circuit, over-temperature, over-current protection, anti-reverse connection protection
Operating temperature	-25°C ~ 50°C
Product size	L91 $\times$ W37 $\times$ H21(mm)
Packaging size	L94 $\times$ W39 $\times$ H22(mm)
Gross weight	46g

### Product Size

Unit: mm



## Terminal Description



## Methods to reset the device

1. Press and hold the ID learning button for 6 seconds, and the lamp will flash 5 times, indicating that the controller has been restored to the factory settings.
2. Ensure that the controller is connected to the lamp and remains in a normally on state. Use the switch to power the controller on and off continuously for 6 times (each power-off duration is 15 seconds, and power-on duration is 2 seconds). After the 6th power-on for 2 seconds, the lamp will flash 5 times, which means the controller has been restored to the factory settings.

## Attentions

- Product installation and commissioning should be done by a qualified professional.
  - 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 extend the life the product. Please install the product in a environment with good ventilation.
  - During installation, avoid being close to large-area metallic objects or stacking the devices, so as to prevent signal interference from affecting the usage.
  - Avoid installing in thunderstorm-prone areas, areas with strong magnetic fields, and high-voltage areas.
  - When you install this product, please avoid being near a large area of metal objects or stacking them to prevent signal interference.
  - Please check whether the working voltage used complies with the parameter requirements of the product.
  - Before you power on the product, please make sure all the wiring is correct in case of incorrect connection that may cause a short circuit and damage the components, or trigger a accident.
  - If a fault occurs, please do not attempt to fix the product by yourself. If you have any question, please contact the supplier.
- \* 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.