

BTC1

SMARTPHONE BLUETOOTH™ LED CONTROLLER

Item ref: 153.767UK

User Manual



WARNINGS

These products are intended for professional installation and should be connected by qualified personnel in accordance with electrical safety standards. Ensure that the rated load indicated is not exceeded.

The controller can absorb most unwanted switching interference, for better performance please avoid driving strong inductive effect loads. Please avoid wiring the output in multi turn coil shape or drive inductive load.

This LED controller has an IP rating of 68, which can be used under water within depth of 30m. Since Bluetooth signal transmits through air - set up the controller before installing under water. Connection to power supply and LED tape must be made waterproof separately.



1. **Power Supply**
2. **LED Output**
3. **Status Indicator**

Installation

The red and black power cable will be connected to the power supply, the output cable (with black, green, red and blue colours) has a DC socket which plugs directly with the female connector on the tape.

Bluetooth Pairing

This Bluetooth LED Controller works with the ColorEasy3 Plus app on iOS or Android smartphones which can be downloaded from the links below. In order for the app to work, the smartphone must first be paired with the Bluetooth controller. Each time the controller is powered up, it will enter pairing mode for 90 seconds; the indicator will flash quickly between blue and yellow. You can then search the Bluetooth device on the smartphone and will find a device with name 'LED-XXX', where XXX is the serial number of controller. Select this option and the smartphone will connect to the LED controller. The Bluetooth device name can only be found in these 90 seconds by un-paired devices.

Bluetooth Re-connecting

The ColorEasy3 Plus app has an option for automatic reconnecting in the setup menu should the Bluetooth connection be lost. If this is not ticked, it will be necessary to re-connect when connection is lost or when the controller is powered off and then on again. When Bluetooth is not connected but within a certain range, it is still possible to connect to the controller by selecting the device 'LEDXXX' in the smartphone Bluetooth setting, regardless of the 90 seconds pairing period.

Status Indicator

Blue quick flashing	Start up
Blue/yellow quick flashing	Waiting for Bluetooth pairing
Blue with yellow short flashing	Bluetooth connected
Steady Blue	Bluetooth disconnected
Short single white flashing	New command
Red flashing	Overload protected
Yellow flashing	Overheat protected

Specifications

Modes	43 modes
Colour	16 mega colours
Suitable for	iOS or Android device
Connection	Bluetooth V2.1 Class 2
Voltage	DC6-24V
Temperature	-30°C to +80°C
IP rating	68
Output current	3 x 5A
Frequency	8KHz
Protection	Overload & overheat
Weight	29.6g



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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