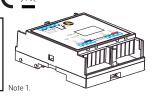# Bluetooth controlled led dimmer CE

Bluetooth control unit for LED DEVICES

Warning!
Only qualified professionals should make the connections. Disconnect the mains of the used power supply prior to instalation
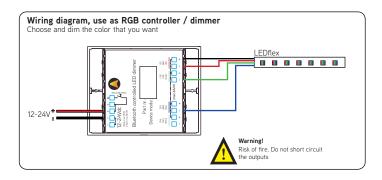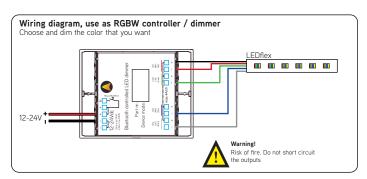
Note 1.

Description

This casambi ready led controller/dimmer is designed to be used with several types of LEDflex. It can also be used to control led light that are driven by a constant voltage driver. The voltage that is connected at the input will be found at the output so be sure that the used power supply and led type are rated on the same voltage.
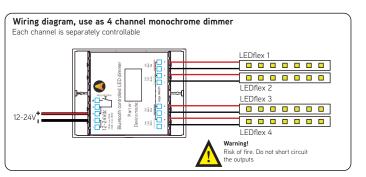
The module is available in different software version so monochrome, RGB and RGBW is possible. Be aware you order the correct partnumber so you have the correct software for project.
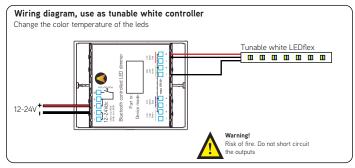
The module also has a push button connection. This can be used to control the connect led lights. Short press will restult in ON or OFF and a long press will dim the light untill you release the button. The push button can also be configured to control a scene or another casambi module in the same network

Wiring diagram, use as RGB controller / dimmer
Choose and dim the color that you want

12-24V

LEDflex

Warning!
Risk of fire. Do not short circuit the outputs

Wiring diagram, use as RGBW controller / dimmer
Choose and dim the color that you want

12-24V

LEDflex

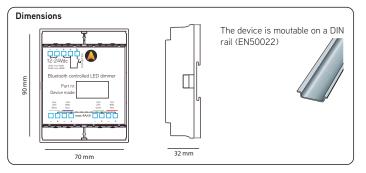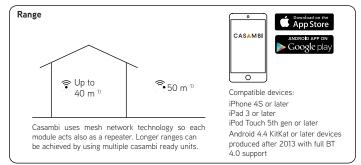**Warning!**
Risk of fire. Do not short circuit the outputs

Note 1. This device is a built-in class II device. Use double insulated wires or an external mounting box if the device is not mounted inside another insulated device.

Wiring diagram, use as 4 channel monochrome dimmer
Each channel is separately controllable

LEDflex 1
LEDflex 2
LEDflex 3
LEDflex 4

12-24V

Warning!
Risk of fire. Do not short circuit the outputs

Wiring diagram, use as tunable white controller
Change the color temperature of the leds

Tunable white LEDflex

12-24V

Warning!
Risk of fire. Do not short circuit the outputs

Dimensions

90 mm
70 mm
32 mm

The device is moutable on a DIN rail (EN50022)

Range

Up to 40 m [1]

50 m [1]

Casambi uses mesh network technology so each module acts also as a repeater. Longer ranges can be achieved by using multiple casambi ready units.

CASAMBI

Download on the App Store
ANDROID APP ON Google play

Compatible devices:
iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later
Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

[1] Range is highly dependant on the surrounding and obstacles, such as walls and building materials.

Technical data

Input
Voltage range: 12 - 24Vdc

Output
Output amps: 4A per channel
Voltage range: 12 - 24Vdc same as input)

Push button input
Max. current: 0.2 mA @ 24Vdc Vcc

Radio transceiver
Operating frequencies: 2,4...2,483 Ghz
Maximum output power: +4 dBm

Operating conditions
Ambient temperature, ta: -20...+45°C
Storage temperature: -25...+75 °C
Max. relative humidity: 0...80%, non-cond.

Connectors
Wire range, solid & stranded: 0,2-2,5 mm²
Tightening torque: 0,4 Nm/4 Kgf.cm/2,6 Lb-In

Mechanical data
Dimensions: 90 x 70 x 32 mm
Weight: 0,1 Kg
Degree of protection: IP20 (indoor use only)

Partnumbers
4ch monochrome dimmer: ITC-MC4
1ch tunable white: ITC-CCT
RGB: ITC-RGB
RGBW: ITC-RGBW

integratech
less energy, more light