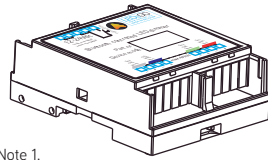


**Bluetooth controlled led dimmer**

Bluetooth control unit for LED DEVICES



Note 1.

**Warning!**  
Only qualified professionals should make the connections. Disconnect the mains of the used power supply prior to installation

**Description**

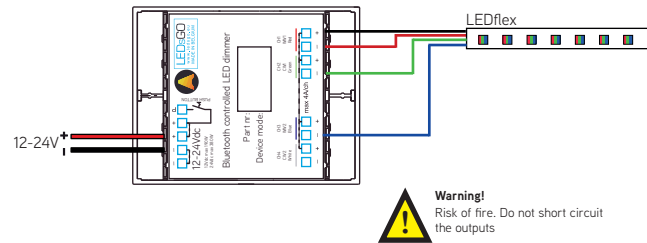
This casambi ready led controller/dimmer is designed to be used with several types of LEDflex. It can also be used to control led light that are driven by a constant voltage driver. The voltage that is connected at the input will be found at the output so be sure that the used power supply and led type 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 result in ON or OFF and a long press will dim the light until 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**

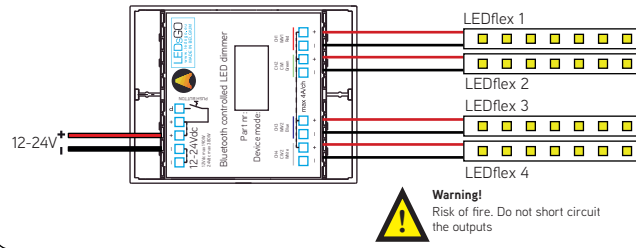
Choose and dim the color that you want



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

**Wiring diagram, use as 4 channel monochrome dimmer**

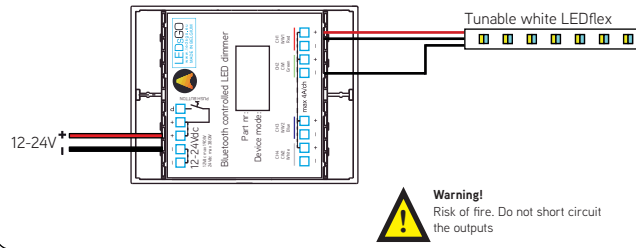
Each channel is separately controllable



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

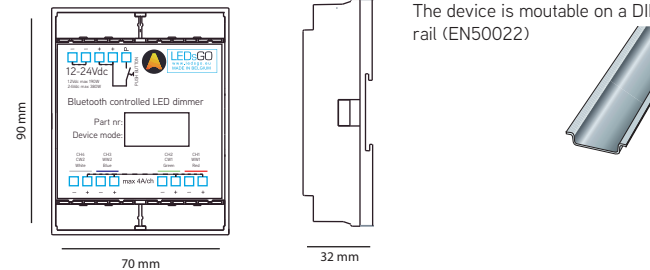
**Wiring diagram, use as tunable white controller**

Change the color temperature of the leds



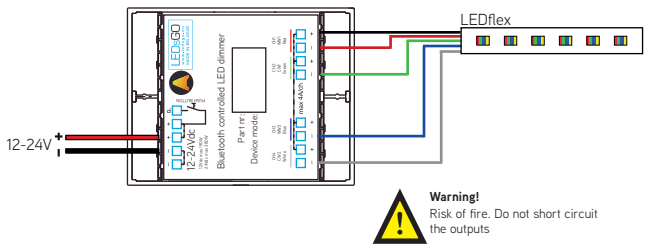
**Warning!**  
Risk of fire. Do not short circuit the outputs

**Dimensions**



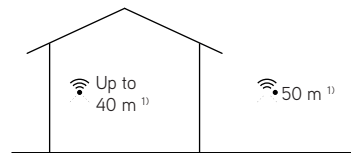
**Wiring diagram, use as RGBW controller / dimmer**

Choose and dim the color that you want



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

**Range**



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



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

**Technical data**

<b>Input</b>	
Voltage range:	12 - 24Vdc
<b>Output</b>	
Output amps:	4A per channel
Voltage range:	12 - 24Vdc same as input)
<b>Push button input</b>	
Max. current:	0.2 mA @ 24Vdc Vcc
<b>Radio transceiver</b>	
Operating frequencies:	2,4...2,483 Ghz
Maximum output power:	+4 dBm
<b>Operating conditions</b>	
Ambient temperature, ta:	-20...+45°C
Storage temperature:	-25...+75 °C
Max. relative humidity:	0...80%, non-cond.
<b>Connectors</b>	
Wire range, solid & stranded:	0,2-2,5 mm <sup>2</sup>
Tightening torque:	0,4 Nm/4 Kgf.cm/2,6 Lb-In
<b>Mechanical data</b>	
Dimensions:	90 x 70 x 32 mm
Weight:	0,1 Kg
Degree of protection:	IP20 (indoor use only)
<b>Partnumbers</b>	
4ch monochrome dimmer	164 19 24 10 56
1ch tunable white	164 19 24 13 20
RGB	164 19 24 10 57
RGBW	164 19 24 10 58

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.

<sup>1)</sup> Range is highly dependant on the surrounding and obstacles, such as walls and building materials.