

Installation Manual

IR Emitter

V1.0



Content:

1. Introduction, IR blaster probe *page3*
2. Current sensor *page4*

Introduction:



The S-Bus IR Emitter G4 Module is the bridge device between the S-BUS network and the Infrared world.

Any Remote control commands can be learnt using the IR Learner Device, and then can be easily integrated into an S-BUS programming to enable the control of this Remote control device with any S-BUS interface.

Installation:

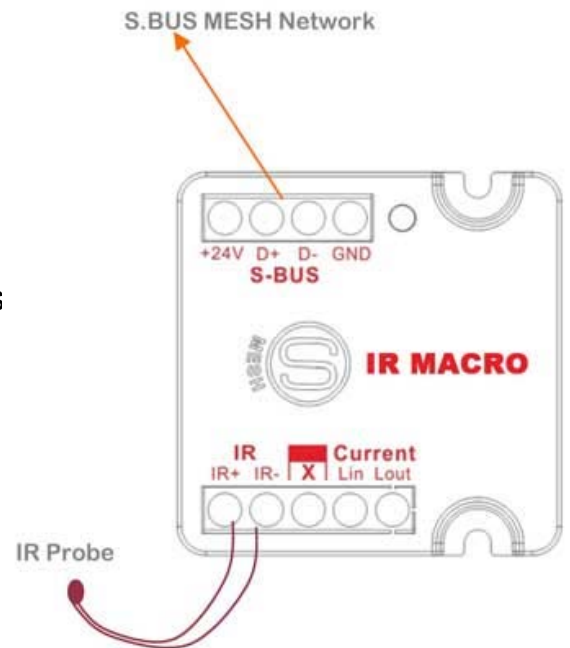
The IR Emitter is bus enabled device so it can be easily connected to the S-BUS network and then configured by the Smart cloud software.

From the other end, an IR blaster probe has to be connected in a proper way, near to the IR receiver of your device that you wish to control.

As seen in both figures:

The IR emitter module has an IR+ and IR- ports

The IR blaster also has two wires for Plus and Minus where they should be connected properly



Current Sensor:

The IR Emitter Module has an extra feature. When the remote control you want to adapt into an S-BUS interface, has an ON/OFF button, it means that the same command will switch off and on the device, and that will cause a problem when trying to add a button in configuration that will only switch off, or a Mood button that switch off all the lights, the AC, the Music and your IR controlled device, let's say now it is TV. If the TV is OFF and this mood button pressed the TV will switch on while all other systems switch OFF.

To solve this problem, the Current sensor feature was added:
As shown on the figure on the right, the Power cord of the device of course consist of two wires, one of them should pass through The IR Emitter current sensor.

The module will only monitor if there is
Actually a power consumption on
This cord which means that the device is
On, and if there isn't, it means that the TV
Is OFF.

The rest is for the programming.
Refer to the IR emitter Programming
Manual.

