



BTIS-04/00.1



BTIL-01/00.2

The IR Emitter has 4 channels. Usually, we use one channel to control one IR Remote Control device, such as DVD, TV, Air-Condition, Fan, etc.

IR Learner is connected to the PC via a USB interface and used to learn the control codes of the keys of the IR Remote Controller. And can learn more than 95% of remote controllers in the market. The learning process is realized by operating a tool software in PC, and you should put the IR emitter on the remote control near to IR detector on the IR Learner as close as you can to avoid the failure of learning.

The learned control code can be stored, deleted or tested via the tool software. And the functions of IR Emitter is configed via the software, like physical address, group address, scense call, etc.

The IR Emitter is connected to the EIB/KNX bus directly using the EIB bus connection terminal. The functions of the IR Emitter & IR Learner are summarized as follows:

- ◆ Learning and storing up to 64 different IR functional control codes for each channel
- ◆ sending time and sending delay can be set for each control codes
- ◆ each main function can include 5 slave functions, this way is suitable for controlling several functions via one object at a time
- ◆ You can set the emittion times and the delay time before sending for each function code.
- ◆ A channel can link up to 16 group addresses
- ◆ The IR functional control codes can be assigned to 1bit or 1byte type of object
- ◆ 1bit object can recall the control codes from all channels
- ◆ 1byte object can recall the control codes from its own channel

Power supply	Bus voltage	21~30V DC, via the EIB bus
	Standby current	<8mA
	Dynamic current	<20mA
	Power consumption	<240mW
Output	Channel Number	4 Channels
	Max. transmitting distance	2m
	IR wavelength	940nm
	IR emission&receiving angle	<45 °
Operating and display	Red LED and button	For assignment of the physical address
	Green LED flashing	Indicate the device running normally (OK)
Connections	EIB/KNX	Bus connecting terminal (black/red)
	Infrared emitter cable	<10m
Temperature range	Operation	- 5 °C ... 45 °C
	Storage	- 25 °C ... 55 °C
	Transport	- 25 °C ... 70 °C
Mounting	Flush mounted	In wiring box, 60mm×60mm or 86mm×86mm
Dimensions	the IR Emitter	46mm×46mm×11.7mm
	the IR Learner	52.5 mm×18.1mm×9.3mm
Weight	0.05kg	

Attention:

When learning, please put the IR emitter on the remote control near to IR detector on the IR Learner as close as you can (within 3cm) to avoid the failure of learning.

The Infrared emitter of the IR Emitter must be installed in range that the IR device can detect normally, to avoid no action.