



ClickOn Bus RF Transceiver CB-RFT-10

Product Features

- Provides an interface between a ClickOn Bus network and ClickOn Radio Frequency devices
- DIN rail mounted (4 modules wide)
- Connects to the ClickOn Bus network via 2 RJ45 connectors
- Allows control of any ClickOn Bus output device such as a Bus Dimmer or Bus Power Switch from any ClickOn RF Remote Control (6 Ch Keyring, 16 Ch Keyring, 64 Ch Remote or Wallmount Remote Control)
- Allows any ClickOn RF Device such as a ClickOn Remote Controlled Dimmer or ClickOn Remote Controlled Power Switch to be controlled from a Bus input device such as a Bus Wallswitch
- Can be used in conjunction with a ClickOn Remote Commander connected to the bus network via a RCOM Interface to send RF packets to/from the Remote Commander
- Multiple units can be connected to the same Bus network for distributed RF control
- Programmable via CLBUS Installation software
- Repeater functionality:
 - Receive a ClickOn RF packet at one Bus RF Transceiver and retransmit the same RF packet at another Bus RF Transceiver connected to the same network

Specifications

- Model: CB-RFT-10
- Bus side supply voltage: 15-24VDC (via bus network cable)
- Bus side supply current: 50mA maximum
- Ambient Temperature: 0 – 40 °C
- Ingress Protection: IP20
- Dimensions: 70mm (width) x 58mm (height) x 86mm
- Memory capacity (linked devices): 56
- RF Frequency: 433.92MHz
- Transmit Range: Up to 30m

Status LED

- Off flash while Green: ClickOn RF Packet received
- Red flash: ClickOn RF packet transmitted
- Flashing amber: Program mode active

Operation

- To link a device to the RF Transceiver (can also be done via CLBUS Installation Software):
 - Enter program mode by pressing and holding the button on the unit until the Status LED starts flashing amber
 - For a Bus Wallswitch, press and hold the wallswitch button until the wallswitch LED flashes rapidly
 - For a RF Remote Control, execute an ADD command from the remote control (*see remote control user manual*)
 - Press and release the Transceiver button to exit program mode
- Note: Linking devices to the Transceiver is only applicable when used with the corresponding mode (*see Modes of Operation*)

Modes of Operation

The following settings can be programmed via the CLBUS installation software:

- RF Receiver:
 - Enable/Disable
 - Receive packets from any ClickOn RF remote controls
 - Receive only packets from linked (learned) ClickOn RF Remote controls
- RF Transmitter:
 - Enable/Disable
 - Transmit commands from any ClickOn Bus input device
 - Transmit only commands from linked (learned) ClickOn Bus input devices
- Repeater Mode:
 - Enable/Disable
 - Retransmit RF packets received:
 - by any Bus device and from any RF Remote Control
 - by any Bus device but only from a linked RF Remote Control
 - from any RF Remote Control but only by a linked Bus Device
 - by a linked Bus device and from a linked RF Remote Control only

Wiring Diagram

