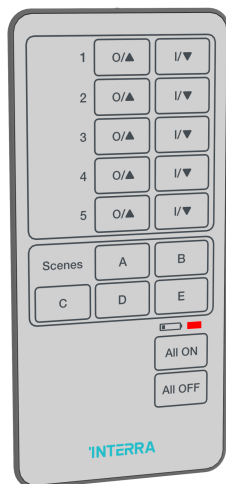


ITR740-001 - KNX RF REMOTE CONTROLLER



Device	ITR740-001
Power Supply	1 battery 3V CR2032
Battery Life	>8 years (with <100 act/day)
Radio-Frequency	Codified transmission in 868,4MHz with and a maximum coverage of 100 (in the free field)
Channels	5
Compatible with	RF-KNX
Working Modes	Switch ON/OFF, Dimmer, Blind/Shutter Control, Scenes
Radio Frequency	868,3 MHz. Compatible with KNX-RF
Communication	Bi-directional
Temperature Range	Operation (-5°C...45°C) Storage (-15°C...65°C)
Type of Protection	IP 20, Class III
Dimensions	105 x 50 x 12mm (HxWxD)

DESCRIPTION

Interra ITR740-001 is a Remote control device for RF (compatible with KNX-RF) lightings and blinds/shutters actuators. It can control up to 5 channels and it can create up to 5 different scenes. In addition, all On and all Off control can be made with buttons. Besides, different functions such as save and recall scenes, move up/down blinds/shutters and switch on/off and dim the lighting are available.

LINK PROCEDURE

The remote control has a control knob with 5 positions (check Fig. 1) in order to select the operation mode during the linking procedure:


1. **Blinds/Shutters Control Mode** : Move up/down blinds or shutters.
2. **Switch Mode** : Switch on/off the load.
3. **Standard Mode** : Normal operation mode. After doing the link procedure with the actuator, is necessary to set the ITR740-001's knob in this position.
4. **Dimming Mode** : Switch on/off and dim the lighting.
5. **Scenes Mode** : Save and recall scenes with lighting and/or blinds (move up/down).



Fig. 1

Link One Channel from ITR710-001 with An Actuator

In order to link **one channel** from the ITR740-001 with an actuator, it is necessary to follow these steps:

- a. Set the actuator in link mode, according to the instructions given by the manufacturer.
- b. Set the ITR740-001's knob in the desired working mode: 1, 2 or 4.
- c. Press the ON key  from the channel of the ITR740-001 which is going to be linked for more than 1 second.
- d. Check the acknowledgment of the actuator according to the instructions given by the manufacturer.
- e. Set the control knob of the ITR740-001 at 3 position.

Link One Scene from ITR710-001 with An Actuator

In order to link **one scene** from the ITR740-001 with an actuator, it is necessary to follow these steps:

- a. Set the actuator in link mode, according to the instructions given by the manufacturer.
- b. Set the ITR740-001's knob in scenes programming mode: 5.
- c. Press the channel key (A, B, C, D or E) for more than 1 second.
- d. Check the acknowledgment of the actuator according to the instructions given by the manufacturer.
- e. Set the control knob of the ITR740-001 at 3 position.

OPERATION

Before being operative the remote control must be linked to the receptors according to the above point (procedure link).

The remote control allows controlling up to 5 different channels and scenes.

Blinds Function (Fig. 2):

- **Short press:** Step Up / Down.
- **Long press (>1second):** Move Up / Down for 3 minutes:
 - * If during this time a short press is done the blind will be stopped.
 - * If no press is done during the 3 minutes, the blind will be stopped automatically.
 - * If the blind is moving up and a long press is done in the move down key the blind will change its movement direction.

Dimming Function (Fig. 2):

- **Short press:** Switch On/Off the lighting.
- **Long press (>1second):** Increases or decreases the lighting level.


Switch Function (Fig. 2):


- **Short press:** Switch On/Off the load.

Scenes Function (Fig. 3):

- **Long press (2 seconds) :** Saves or create a scene according to the values set in the different channels. The battery's LED will be on for 2 seconds and after saving the scene it will be switched off.
- **Short press :** Recalls a saved scene.

All On / All Off:

 It behaves like another channel. It allows switching on the lights at maximum from the linked devices in this channel.

 It behaves like another channel. It allows switching off the lights at maximum from the linked devices in this channel.


In order to use these two keys it is necessary to link this channel with the different devices, according to the procedure previously described (Switch mode).

BATTERY REPLACEMENT

Release the cover with help of a screwdriver inserting it into the slots of the two grips. Remove the cover of the socle and change the battery being careful with the components of the printed circuit.

When the battery is warned-down the transmitter will send the respective message and a 'battery empty' message each time it is activated.

Battery LED:

 This LED will remain on while the keyboard is active and constantly flashes to indicate that the battery is running low.

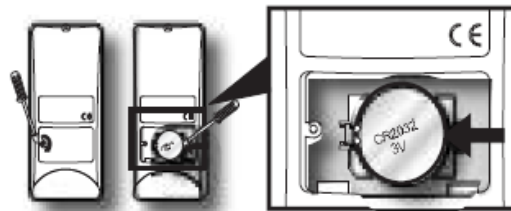


Fig. 2



Fig. 3



Fig. 4

RECOMMENDATIONS

Avoid using the device near radio equipment or microwaves.

Leave at least 2m separation between the control and the associated receiver.