Features

- HDL KNX / EIB multifunction Panel controller are in full compliance with European safety standards and the KNX association protocol.
- The panels have PC keys with moderate intensity and background lights.
- KNX Smart 2 and 4 Button wall switch Panel. The keys have left button and right button.
- It has Built-in mini infrared receiver, with the function of sending the variety data points at the same time that can simultaneously control many different types of KNX equipment.
- The simple to use Multi control for: Switch control, Dimming, Curtain control, Shutter control, Button Lock, Button Trigger, String control, Flexible control, Scene control, Sequence control, Percentage control, Combination control,1 bytes control,2 bytes control,4 bytes control bytes(String) control.
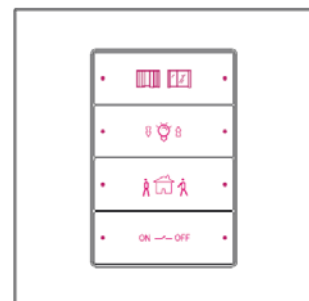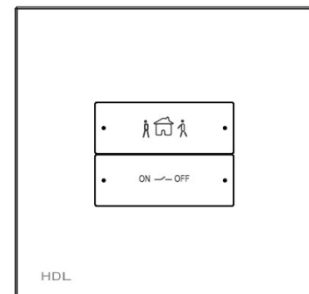
Important Notes

- **Special Programming** – This device is designed for professional KNX installation only and will only operate in basic modes unless programmed via a computer. If programming is required, contact your local agent for details.
- **Check Connections** – Re-tighten all connections after installation.
- **Mounting Location** –When installed outdoors, pay attention to waterproof.
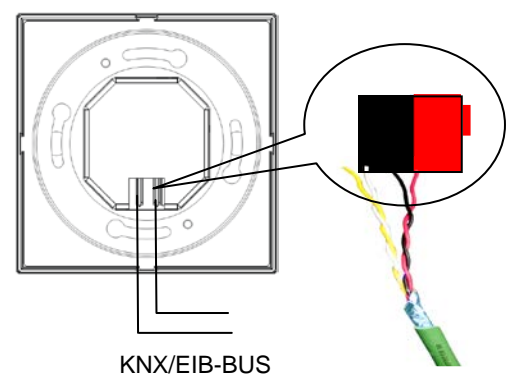
Installation Steps

1. Mount the device inside an approved electrical enclosure.
2. Connect KNX TPI bus cables. Ensure correct cable type and lengths.
3. Re-check all terminations prior to energizing.
4. Energize supply and KNX bus. KNX bus shall be between 21-30Vdc.

Type

- M/P02.1
- M/P04.1

Dimension drawings

KNX/EIB-BUS

Product Specifications

- **Working Voltage**：21-30 V DC

- **Static Current** **：**<2 0mA

- **Control IO:** KNX TP1 control port
- **User Controls:** Manual Over-ride switch for each button.

- **KNX Terminals:** KNX Bus Spring Terminals – Wago 243 (Red /Grey) 0.6 – 0.8mm Diameter Single Core KNX Cable Aux Supply Terminals: Spring Terminals – Wago 243 (Yellow / White) 0.6 – 0.8mm Diameter Single Core Wire

  Compliance: CE, KNX

Environment conditions

- Working Temperature： -5℃~45℃

- Working Relative Humidity： 10%~98%

- Storage Temperature： -40℃~55℃

Maintenance and Cautions

1. Pay attention to damp proof, quakeproof and dustproof.
2. Avoid rain, other liquids or caustic gas.
3. Please contact professional maintenance staff or HDL service center for repair or fix.
4. Remove the dust regularly and do not wipe the unit with the volatile liquids like alcohol, gasoline, etc.
5. If damaged by damp or liquid, turn off it immediately.
6. Regularly check the circuitry and other related circuit or cables and replace the disqualified circuitry on time.

Recommended connection: hand in hand or star connection

Device 1   Device 2   Device 3   Device N

Panel   Power Supply   Relay   Dimmer