

# **HAI Omni-Bus Wall Switch 3-Button** **Stainless Steel** **Model 113A00-6** **Installation Instructions and User's Guide**



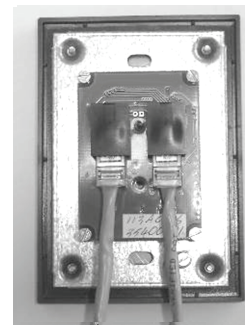
## **Specifications**

- Supply voltage: 15-24VDC (via bus network cable)
- Supply current: 50mA maximum
- Ambient Temperature: 0 – 40 °C (32 – 104 °F)
- Ingress Protection: IP20
- Dimensions: 85mm (width) x 120mm (height)

## **Installation**

- A 2mm Allen Key (not included) is required for removal and refitting of the stainless steel cover plate.
- Do not connect any mains wiring to the Wall Switch. The Wall Switch connects directly to the HAI Omni-Bus network cable via 2 RJ45 connectors.
- The Wall Switches are designed for indoor use only
- Unit may be mounted in a vertical or horizontal position
- Choose a location free of water, humidity, direct sunlight or heavy dust.
- A safe isolation distance should be kept between all mains wiring and the Bus network cable
- See the *HAI Omni-Bus Network Installation Guide* for more information on the Bus network wiring

## **Wiring Diagram**



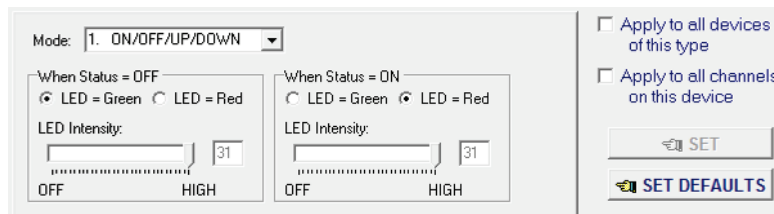
BUS NETWORK CABLE (CAT5 UTP)

From previous device

To next device

## **Setup**

- To link an HAI Omni-Bus Wall Switch button to an output device (Dimmer, Power Switch or Relay Module) without using the OMNIBUS installation software:
  - Place the output device into the programming mode (*see relevant device documentation*)
  - Press and hold the wall switch button until the wall switch LED flashes at a faster rate
  - Remove the output device from programming mode
- Setup from OMNIBUS installation software:
  - Enter the Wall Switch setup by double clicking on one off the wall switch channels in the device list after a LIST DEVICES
  - Use the Setup Tab to change the wall switch operating mode
  - The mode for each button can be changed individually



- Use the Links Tab to link the wall switch buttons to output devices

## **Operating Modes**

The operating mode for each button is only programmable via the OMNIBUS Installation Software.

1. **ON/OFF/UP/DOWN**: Press and release button to send an ON, OFF or TOGGLE command. Press and hold the button to send an UP or DOWN command. When linked to an output device, the command send will depend on the current status of the output device. When no linked device is detected, a TOGGLE command will be send.
2. **ON/OFF**: Same as 1 but with no dimming (UP/DOWN) commands.
3. **UP/DOWN**: Sends dimming commands only
4. **ON**: Button press always switches output device on
5. **OFF**: Button press always switches output device off
6. **UP**: Button press always increases light level
7. **DOWN**: Button press always decreases light level
8. **ON/UP**: Sends ON command when press and released or UP command when button is held.
9. **OFF/DOWN**: Sends OFF command when press and released or DOWN command when button is held.

## **Status Indication**

The following modes for the status LEDs on the buttons can be selected for from the OMNIBUS Installation Software:

1. When Output Device Status = OFF: Led = GREEN or RED
2. When Output Device Status = ON: Led = GREEN or RED

The LED intensity for each button and output state can be set to 32 different levels.

Status indication is performed automatically for any output device linked to the wall switch. When more than one output device is linked to the same button, the status of any one of the output devices will be shown.