

POWER SENSING TRIGGER

- 10800155

Features

The Power Sensing trigger will be connected in between the power source and the projector. When the projector is turned on, the trigger senses power going to the projector and signal the projection screen to unroll. When the power is switched of the trigger will signal the projection screen to retract again. The Projecta Power Sensing Trigger only works in combination with the All-in-One Control Box



Parameters

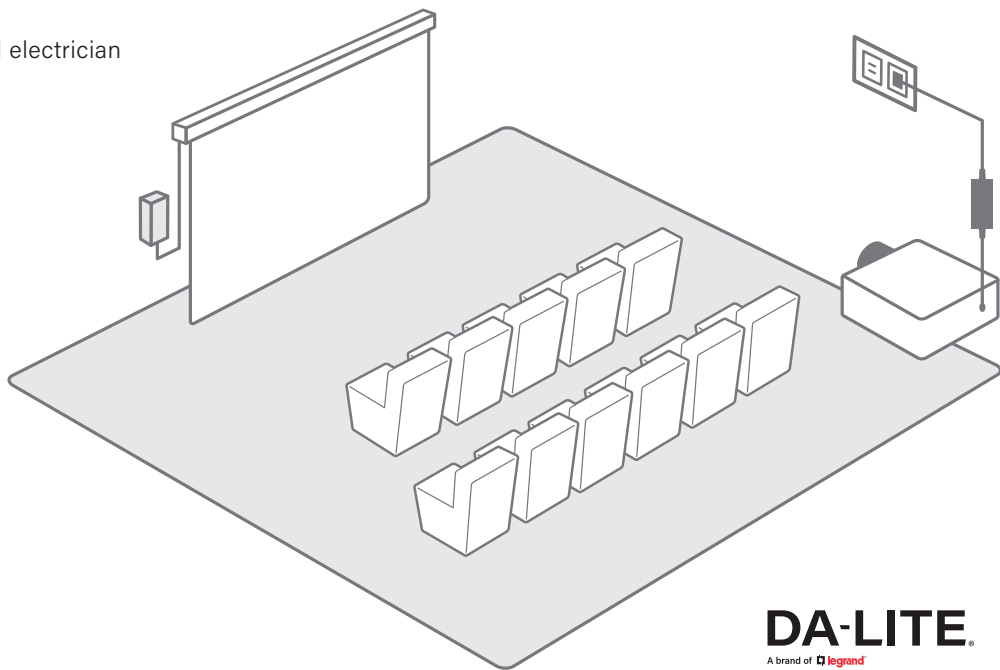
Power supply: AC 200-240V, 50 Hz
Operating temperature: 0 to 45 °C
RF Frequency: 433.92 MHz
Transmission power: ≤ 10mW
Power consumption: ≥ 180mA
Load capacity: ≤ 2000W

SAFETY INSTRUCTIONS

Please read the following instructions carefully before use.

Please note:

- If unsure, ALWAYS use a professional electrician



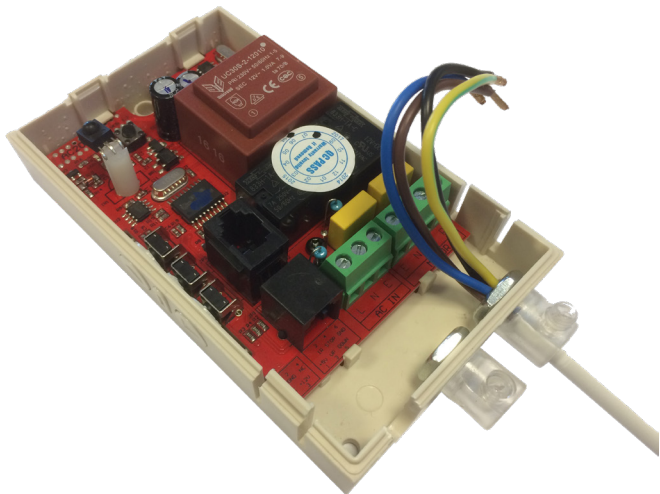
OPERATING INSTRUCTIONS

Adding the power-sensing trigger to the All-in-One control box.

Press button **SW4** on the all-in-one control box. **LED1** will flash slowly for 10 seconds. Press the “CODE” button on the power-sensing trigger. **LED1** will stop flashing and the power-sensing trigger is stored in memory.

Setting the power-sensing trigger level.

- 1) Press and hold the “SET” button on the power-sensing trigger for 3 seconds. The LED on the power-sensing trigger will flash and there will be an audible ‘beep’.
- 2) Switch on the projector.
- 3) The power-sensing trigger will now take up to 2 minutes to detect the correct trigger level.
 - a. Successful: the LED will flash 3 times and there are 3 audible ‘beeps’
 - b. Not successful: the LED will flash once and there is 1 audible ‘beep’ (repeat the process)
- 4) When the power-sensing trigger is set correctly, when you turn on the projector, the projection screen will unroll. When the projector is turned off, the projection screen will retract.



INSTRUCTIONS FOR
All-in-One Control Box
& Power Sensing Trigger

ALL-IN-ONE CONTROL BOX - 10800154

FEATURES

The Projecta All-in-One Control Box offers multiple operation options in a single box.

This new accessory can be combined with motorized projection screens without a built-in RF receiver and offers the following options:

- Dry-contact (relay)
- RF (radiofrequency) control
- IR (infrared) control
- Manual Switch on the box
- 12 volt trigger

Parameters

Power supply: AC 200-240V, 50 Hz +/- 10%

Operating temperature: 0 to 70 °C

RF Frequency: 433.92 MHz

IR Frequency: 38 KHz

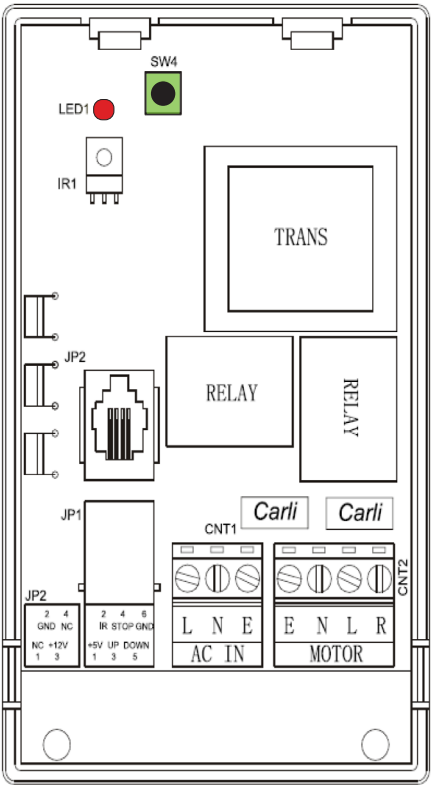
Power consumption: <300W / 0.4W in standby

Transmission power: < 10mW

Sensitivity: -110 dBm

Load capacity: ≤ 1000W

Connections



FUNCTIONS

LED1 - Power LED

SW1 - Button for programming

IR1 - IR receiver

CONNECTORS

CNT1: Power supply 230V

L - Phase (Brown)

N - Neutral (Blue)

E - Earthing (Green/Yellow)

CNT2: Motor 230V

E - Earthing (Green/Yellow)

N - Common cable (blue)

L - Direction 1 (brown)

R - Direction 2 (black)

JP1 (RJ10): Contact closure control and Connection of external IR receiver, left to right

- 1) +5 V power supply of the IR receiver (white)
- 2) IR receiver signal (black)
- 3) Dry Contact "up" (red)
- 4) Dry Contact "stop" (green)
- 5) Dry Contact "down" (yellow)
- 6) Dry Contact common and ground for the IR receiver (blue)

JP2 (RJ12): 12V trigger (flip-flop)

- 1) Not used
- 2) Ground (red)
- 3) +12V (green)
- 4) Not used

INSTRUCTIONS

To open the All-in-One Control Box press both sides at the indicated positions (see arrows in the drawing underneath).

SAFETY INSTRUCTIONS

Please read the following instructions carefully before use.

Please note:

- The Projecta All-in-One Control Box is compatible with Projecta projection screens motors. Please adhere to the following electrical standards and observations:

- Install the receiver with wires pointing downwards to prevent any water penetration

- Minimum height of the receiver from floor: 150cm

- Minimum distance between receiver and transmitter: 30 cm

- Minimum distance between 2 receivers: 20 cm

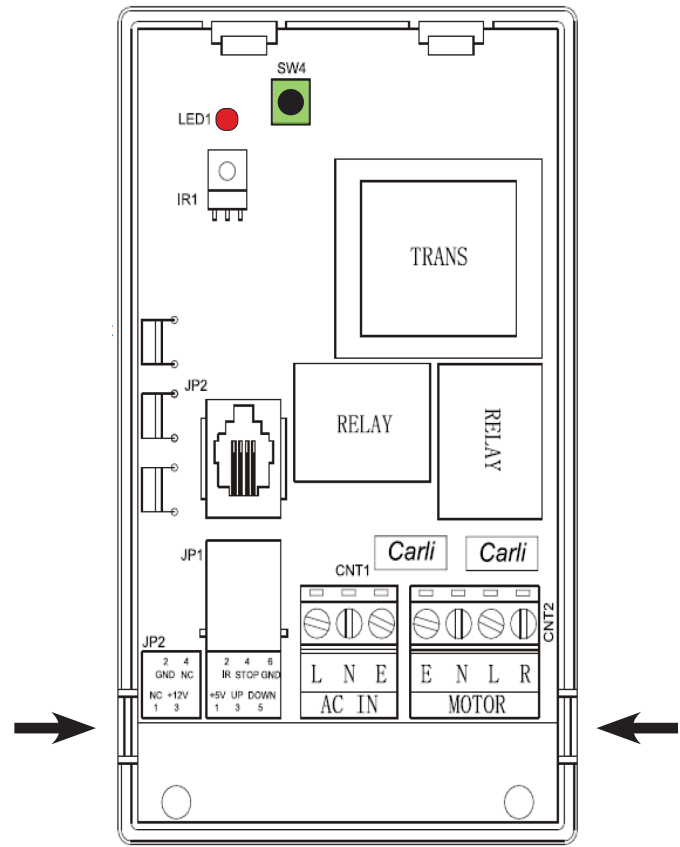
- Do not forget to connect earth

- ALWAYS disconnect power supply before carrying out work

- Use flexible cables

- Ensure that the cables are not under tension and use supplied cable strain relief

- If unsure, ALWAYS use a professional electrician



OPERATING INSTRUCTIONS

Adding a remote control (RF or IR). You can add a maximum of 20 remotes.

Press button **SW4** on the all-in-one control box less than 1 second. **LED1** will flash slowly for 10 seconds.

Within those 10 second, press the “up” button on the remote control. **LED1** will flash rapidly first and then stop flashing. The remote control is now stored in memory.

OPTIONAL OPERATING INSTRUCTIONS

Removing one remote control (RF or IR).

Press button **SW4** on the all-in-one control box less than 1 second. **LED1** will flash slowly for 10 seconds.

Within those 10 second, press the “up” button on the remote control. **LED1** will flash rapidly first and then stop flashing. The remote control is now deleted from memory.

Removing all remote controls (RF or IR).

Press button **SW4** on the all-in-one control box for 4 seconds. **LED1** will flash fast.

Within 6 seconds, press button **SW4** once more. **LED1** will stop flashing and all remote controls are deleted from memory

Motor reverse function.

You can change the motor direction (up/down) without changing any wires.

Press button **SW4** on the all-in-one control box less than 1 second. **LED1** will flash slowly for 10 seconds.

Press the “stop” button on the remote control. **LED1** will stop flashing and the motor direction is reversed.