CONTROLER
HUSA03  Single Wall Switch
HUSA04  Double Wall Switch
HUSA05  Relay
HUSA06  Remote Control

INSTRUCTION MANUAL

- One RELAY per heater, maximum 16 amps
- Rated for 120 & 208 & 240 volts applications
- DIMMER SWITCH (HUSA07) is NOT COMPATIBLE
- Wall switches are wireless
- Zone heating: control multiple heaters with one switch
HEATSTRIP CONTROLS

To improve control of Heatstrip outdoor heaters, there are a range of solutions to help you increase the use of your outdoor entertaining area. The controllers include the following functions:

- Convenient easy to use hand held remote control
- Wall Switch can be wall mounted, held remotely or junction box mounted to match your decor
- Multiple switches can control one heater
- One switch can control multiple heaters
- Wireless, battery-less wall switch, uses patented kinetic energy technology
- Auto Timer OFF function included in Relay
- Range of 80 feet for Remote Control and Switches
- Suitable for all heaters 120v, 208v and 240v
- Purchase additional components as required

When specifying the controllers, ensure there is one Relay for every heater. All products are FCC approved for North America. Easy to install and link the Remote Controls, Switches and Relays. All components need to be protected from the elements.

**PART No. HUSA01**  
SINGLE SWITCH KIT  
Remote Control and Switch in a kit to suit one heater

**Includes:**  
1 x REMOTE CONTROL  
1 x RELAY  
1 x SINGLE WALL SWITCH

**PART No. HUSA02**  
DOUBLE SWITCH KIT  
To suit two heaters controlled separately

**Includes:**  
1 x REMOTE CONTROL  
2 x RELAY  
1 x DOUBLE WALL SWITCH

**PART No. HUSA03**  
SINGLE WALL SWITCH  
For controlling one heater or one zone of heater. Remote control can control multiple switches. No wiring required. Can be mounted 3 ways, flush in gang box, on a wall like a normal switch or loose as a hand held remote control. Range up to 80 feet (unobstructed)

**Includes:**  
1 x SINGLE REMOTE CONTROL  
2 x SWITCH

**PART No. HUSA04**  
DOUBLE WALL SWITCH  
For controlling two heaters independently. Can also be used to control two zones of heaters. Remote control can control multiple switches. No wiring required. Can be mounted 3 ways, flush in gang box, on a wall like a normal switch or loose as a hand held remote control. Range up to 80 feet (unobstructed)

**Includes:**  
1 x DOUBLE REMOTE CONTROL

**PART No. HUSA05**  
RELAY  
One switch per heater  
Must be accessible through gangbox  
Can be programmed for Auto Off after 30 minutes or 1 hour

**Includes:**  
1 x SWITCH

**PART No. HUSA06**  
REMOTE CONTROL  
Hand held remote control  
Can control two heaters

**Includes:**  
1 x REMOTE CONTROL
HUSA03
SINGLE ROCKER SWITCH

SPECIFICATIONS
Can control one heater or one set of heaters
Wireless wall switch
Detachable face plate
Fits inside standard junction box

HUSA04
DOUBLE ROCKER SWITCH

SPECIFICATIONS
Can control two heaters or two sets of heaters
Wireless wall switch
Detachable face plate
Fits inside standard junction box
HUSA05
RELAY

SPECIFICATIONS

Frequency 902MHz
Transmission Range 80ft (25m)
Dimensions 2.78” x 1.65” x 1.1”
(73 x 42 x 28mm)
Weight 3.02 Oz (90g)
Compliance ETL
FCC: SZV-STM300U
IC: 5713A-STM300U
Surge Protection 3000 volts
Line voltage 120, 208, 240 volts
Current 16 amps

The relay receives wireless messages from a switch to turn the Heater on or off. The relay can control one heater only.

FEATURES
ON/OFF control of the heater
Timer OFF function, 15, 30, 45, 60 minutes.
Can be controlled by multiple switches and remote controls.
Adjustable antenna

SAFETY
Must be installed by a licensed installer. Ensure all installation work complies to local building codes.


This device complies with part 15 of the FCC rules and Industry Canada ICES-003. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes: (1) L’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l’autorité de l’utilisateur pour actioner cet équipement.
HUSA06
REMOTE CONTROL

SPECIFICATIONS

Small handheld
Can control two heaters or two sets of heaters

RANGE: 80 feet
FREQUENCY: 902 MHz
CHANNELS: 4 buttons (2 orchers)
DIMENSIONS: 1.85 x 3.15 x .7 inches
ADDRESSING: Factory set unique ID
(1 of 4 billion)

When linking the Remote Control, only link one button at a time.
In addition do not attempt to activate the load while
in link mode or the Relay may accidentally link or
unlink the switch.

Contains FCC ID: 5ZV-PTM200C, 5ZV-PTM210C or 5ZV-PTM2105;
Contains IC: 5713A-PTM200C, 5713A-PTM210C or 5713A-PTM2105
The enclosed device complies with Part 15 of the FCC Rules. Operation
is subject to the following two conditions: (i) this device may not cause
harmful interference and (ii) this device must accept any interference
received, including interference that may cause undesired operation.
INSTALLATION

Can be mounted inside a standard junction box. Attached using a standard knockout and thread connector with nut (included).
The Relay is to be mounted indoors only and protected from the environment.
Use a non-metal electrical enclosure for best RF transmission.
Install in a suitable location taking care with interference through walls and other obstacles.

When the relay is first installed, the relay will go through a start up sequence., this will take a few seconds, then it will be ready for programming.

120 Volt connection

208 & 240 Volt connection
WIRING MULTIPLE HEATERS TO ONE SWITCH

All wiring must be carried out by a licensed electrician and according to local building codes. Diagrams are indicative and must be installed with required isolators, RCDs, fuses, or circuit breakers. To be installed in conjunction with Product Manual (included in the product box)

SINGLE WALL SWITCH & 1 HEATER

DOUBLE WALL SWITCH & 2 HEATERS

ZONE HEAT
SINGLE WALL SWITCH & 4 HEATERS
LIGHT TABLE

NORMAL Operation, Heater is on, relay is closed

NORMAL Operation, Heater is off, relay is open

Basic set up

Advanced set up

Auto Off set up

To exit any menu, hold both buttons 2 seconds

Option is pending

Active setting

RESTORE FACTORY SETTINGS

To restore factory settings, hold both buttons until Menu is solid red and Set is solid Red approx 15 seconds)

Press and hold for Set for 3 seconds

Start, you can now follow the sequence to which ever program you want
LINKING RELAY TO SWITCHES & REMOTE CONTROL

1. NORMAL operation, relay needs to be in this position.

2. To enter Setup menu, press both buttons for 2 seconds

3. Ready to accept new links, the link will stay open for 2 minutes. The Menu light will continue to blink once as long as the relay is in the Setup menu.

4. Press the ON button 3 times in quick succession. Only one switch/remote control can be linked at a time.

5. The relay will toggle on and off. Set light will be solid for 3 seconds, then change to 1 amber blink. This has confirmed the link with the switch.

6. Ready to accept new links. Single blink by both lights. Repeat step 4 for more than 1 switch or remote control.

7. To exit, hold both buttons 2 seconds

8. System will be back to NORMAL operation and ready to operate
UNLINK SWITCH

1. NORMAL operation, relay needs to be in this position.

2. To enter Setup menu, press both buttons for 2 seconds, the link will stay open for 2 minutes.

3. Ready to accept new links, the link will stay open for 2 minutes.

4. Press the Set button 3 times

5. Press the ON button 3 times in quick succession. Only one switch/remote control can be unlinked at a time.

6. The relay will toggle on and off. Set light will be solid for 3 seconds.

7. The Set light will change to 3 amber blinks. The relay is ready to unlink the next device.

8. To exit, hold both buttons 2 seconds

9. System will be back to NORMAL operation and ready to operate
SET UP AUTO OFF FUNCTION

The relay comes with an option to program in an Auto-Off function. The factory default auto off is disabled to begin with. The Auto-Off is active all the time once programmed. To change it, you’ll need access to the relay and to go through this program again.

1. The Relay needs to be in either of the two NORMAL modes. That is, the Set light needs to be solid Red or Green.

2. To enter Setup menu, press both buttons for 2 seconds

3. Relay is ready to accept change of Menu

4. Press the Menu button four times quickly

5. The Menu button will continue to flash 4 times, as long as you are in this function.

6. Choose a time, press the set button that many times quickly. Set light will flash Amber to the corresponding time period.

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<th>Option</th>
<th>Clicks</th>
<th>Blinks</th>
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<tr>
<td>Disabled</td>
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<td>1</td>
</tr>
<tr>
<td>5 mins.</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>15 mins.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>30 mins.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>60 mins.</td>
<td>5</td>
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Example: to select 5 mins, press the Set button twice. The Set light will then flash amber twice quickly.

7. Confirm option by holding down Set button for 2 seconds

8. To exit, hold both buttons 2 seconds

9. System will be back to NORMAL operation and ready to operate
Warranty Terms & Conditions

The below Warranty Terms and Conditions apply for International Customers.

Heatstrip USA warrants to the original owner that HEATSTRIP® Controller products will be free from defects in materials and workmanship for a period of 12 months from the date of purchase in accordance with the following warranty terms and conditions.

Provision of this warranty is subject to:

- The HEATSTRIP® Controller product must be installed in accordance with the Installation Instructions and relevant electrical standards and codes.
- There is no warranty expressed or implied with regard to capacity requirements. The selection of the unit or units depends entirely upon the system design and capacities as determined by the purchaser.
- The customer has not repaired, opened or altered the product in any unauthorised manner.
- This warranty excludes damage to the product or components arising from circumstances outside the control of Heatstrip USA, including, but not limited to, where the product is not used for intended purpose; where the product has been rectified in any way; incorrect installation; incorrect power supply; damaged caused during delivery; misapplication, misuse, abuse, vandalism, lack of maintenance or accident.
- Heatstrip USA’s obligations under this warranty are limited to repair or replacement at Heatstrip USA factory of any components of the product which Heatstrip USA identifies to its satisfaction to be defective.
- Transportation charges involved in return of the product to the Heatstrip USA factory (or any other location authorised in writing by Heatstrip USA) is the sole responsibility of the customer.
- All products are inspected and tested before despatch and are at the risk of the purchaser after the shipment from the Heatstrip USA factory, if not delivered by Heatstrip USA to destination.
- Discolouration of the surface may occur after a period of time, this does not constitute a warrantable event.
- No products or components will be supplied in advance of an examination of the faulty product or components by Heatstrip USA or an authorized representative of Heatstrip USA.
- Heatstrip USA does not participate in any site related costs or labour expenses incidental to replacement of parts, repairing, removing, installing, servicing, transportation or handling of parts to complete products, and assumes no liability on parts repaired or replaced without written authorisation. Heatstrip USA shall not be liable for any default or delay in performance of its warranty obligations caused by any circumstances beyond its control, including, but not limited to, judicial or government restrictions, strikes, fires, floods, abnormal weather conditions, delayed supply of components.

Should products be determined as damaged on arrival, immediately notify the transport company of the condition and have them noted on the freight documents. If damage is discovered after unpacking, demand immediate inspection by the transportation company and insist that a record of the damage is made on the freight documentation.

The customer warrants using the product in accordance with:

- Any instructions provided to it by Heatstrip USA from time to time.
- All government and local regulations, including but not limited to all relevant electrical, environmental laws and regulations governing the installation, storage, use, handling and maintenance of the goods.
- All necessary and appropriate precautions and safety measures relating to the installation, storage, use, handling and maintenance of goods.

All warranty requests for repairs or replacements must be accompanied by a complete “Warranty Claim Form” available from Heatstrip USA, together with proof of purchase (and where possible, photos of the installation) and the heater returned to the place of purchase.

In the event of a warranty claim, the goods need to be returned to the distributor/retailer for repair/replacement.

**DISTRIBUTOR**

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