Hogar Controls 1 Touch Panel Switch HTP-1S0 Manual

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Hogar Controls

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1 Touch Panel Switch

SKU: HTP-1S0

Quickstart

Quickstart

This is a
secure
On/Off Power Switch
for
U.S. / **Canada** / **Mexico**.

To run this device please connect it to your mains power supply.

To add this device to your network execute the following action:
1. Put the controller into INCLUSION mode. Follow the instructions provided by the controller manufacturer.2. Touch and hold any key on the panel for more than 5 seconds. All indication lights will blink in blue. At this point release the key, the touch panel will start the inclusion process.

Please refer to the
Manufacturers Manual for more information.

Important safety information

Please read this manual carefully. Failure to follow the recommendations in this manual may be dangerous or may violate the law.
The manufacturer, importer, distributor and seller shall not be liable for any loss or damage resulting from failure to comply with the instructions in this manual or any other material.
Use this equipment only for its intended purpose. Follow the disposal instructions.

Do not dispose of electronic equipment or batteries in a fire or near open heat sources.

What is Z-Wave?

Z-Wave is the international wireless protocol for communication in the Smart Home. This device is suited for use in the region mentioned in the Quickstart section.

Z-Wave ensures a reliable communication by reconfirming every message (**two-way communication**) and every mains powered node can act as a repeater for other nodes (**meshed network**) in case the receiver is not in direct wireless range of the transmitter.

This device and every other certified Z-Wave device can be **used together with any other certified Z-Wave device regardless of brand and origin** as long as both are suited for the same frequency range.

If a device supports **secure communication** it will communicate with other devices secure as long as this device provides the same or a higher level of security. Otherwise it will automatically turn into a lower level of security to maintain backward compatibility.

For more information about Z-Wave technology, devices, white papers etc. please refer to www.z-wave.info.

Product Description

The Hogar 1 Touch Switch is a perfect replacement for your conventional single-channel relay switch used to turn

devices on or off. The 1 Touch Switch can be configured to work with any device that works with single-channel relay switches.With a stunning glass face and an advanced capacitive touch sensor, all you need to do is just use a finger for turning your lights on and off. Tap once on the backlit touch button to switch the device on and tap it again to turn it off, its that simple. This 1 Touch Switch ensures an accurate response to every command that is sent through it.The Hogar 1 Touch Switch can operate either independently or as a part of the Hogar smart home automation system, and even with any other certified Z-Wave home automation system. It is an extremely easy-to-use panel that can be installed in a standard BS 2 gang box. Its operating capabilities include a bi-stable mode, a relay mode or a touch pulse mode for scene control with a maximum load current of 8 amp. It communicates with the Hogar smart home automation system using the Z-Wave wireless communication protocol.

Prepare for Installation / Reset

Please read the user manual before installing the product.

In order to include (add) a Z-Wave device to a network it **must be in factory default state.** Please make sure to reset the device into factory default. You can do this by performing an Exclusion operation as described below in the manual. Every Z-Wave controller is able to perform this operation however it is recommended to use the primary controller of the previous network to make sure the very device is excluded properly from this network.

Reset to factory default

This device also allows to be reset without any involvement of a Z-Wave controller. This procedure should only be used when the primary controller is inoperable.

1. Press the config button 5 times, Indication LED lights will blink red in color, touch panel will start local reset. Touch panel switch will erase network inclusion state after local reset. Please use this procedure only when the network primary controller is missing or otherwise inoperable

Safety Warning for Mains Powered Devices

ATTENTION: only authorized technicians under consideration of the country-specific installation guidelines/norms may do works with mains power. Prior to the assembly of the product, the voltage network has to be switched off and ensured against re-switching.

Inclusion/Exclusion

On factory default the device does not belong to any Z-Wave network. The device needs to be **added to an existing wireless network** to communicate with the devices of this network. This process is called **Inclusion**.

Devices can also be removed from a network. This process is called **Exclusion**. Both processes are initiated by the primary controller of the Z-Wave network. This controller is turned into exclusion respective inclusion mode. Inclusion and Exclusion is then performed doing a special manual action right on the device.

Inclusion

1. Put the controller into INCLUSION mode. Follow the instructions provided by the controller manufacturer.2. Touch and hold any key on the panel for more than 5 seconds. All indication lights will blink in blue. At this point release the key, the touch panel will start the inclusion process.

Exclusion

1. Put the controller into EXCLUSION mode. Follow the instructions provided by the controller manufacturer.2. Touch and hold any key on the panel for more than 5 seconds. All indication lights will blink blue in color. At this point release the key, the touch panel will start the exclusion process.

Quick trouble shooting

Here are a few hints for network installation if things dont work as expected.

1. Make sure a device is in factory reset state before including. In doubt exclude before include.
2. If inclusion still fails, check if both devices use the same frequency.
3. Remove all dead devices from associations. Otherwise you will see severe delays.
4. Never use sleeping battery devices without a central controller.
5. Dont poll FLIRS devices.
6. Make sure to have enough mains powered device to benefit from the meshing

Association – one device controls an other device

Z-Wave devices control other Z-Wave devices. The relationship between one device controlling another device is called association. In order to control a different device, the controlling device needs to maintain a list of devices that will receive controlling commands. These lists are called association groups and they are always related to certain events (e.g. button pressed, sensor triggers, …). In case the event happens all devices stored in the respective association group will receive the same wireless command wireless command, typically a ‘Basic Set’ Command.

Association Groups:

Group NumberMaximum NodesDescription

1	5	Name: LifelineCommand:- Device Reset Locally Notification- Switch Binary Report
2	5	Name: HGT-01Command:- Basic SetDevice support control another device through root device association group #2~#3, and each group support 5 destination nodes maximum.
3	5	Name: HGT-01Command:- Switch Binary SetDevice support control another device through root device association group #2~#3, and each group support 5 destination nodes maximum.

Technical Data

Hardware Platform	ZM5202
Device Type	On/Off Power Switch
Network Operation	Always On Slave
Firmware Version	HW: 255 FW: 2.50
Z-Wave Version	6.81.01
Certification ID	ZC10-19056478
Z-Wave Product Id	0x0293.0x0003.0x4411
Neutral Wire Required	ok
Electric Load Type	
Firmware Updatable	
Security V2	S2_UNAUTHENTICATED
Frequency	XXfrequency
Maximum transmission power	XXantenna

Supported Command Classes

- Association Grp Info
- Association V2
- Basic
- Device Reset Locally
- Firmware Update Md V4
- Manufacturer Specific V2
- Multi Channel Association V3
- Powerlevel
- Security 2
- Supervision
- Switch Binary
- Transport Service V2
- Version V3
- Zwaveplus Info V2

Controlled Command Classes

- Basic
- Switch Binary

Explanation of Z-Wave specific terms

- **Controller** — is a Z-Wave device with capabilities to manage the network.
  Controllers are typically Gateways,Remote Controls or battery operated wall controllers.
- **Slave** — is a Z-Wave device without capabilities to manage the network.

Slaves can be sensors, actuators and even remote controls.

- **Primary Controller** — is the central organizer of the network. It must be a controller. There can be only one primary controller in a Z-Wave network.
- **Inclusion** — is the process of adding new Z-Wave devices into a network.
- **Exclusion** — is the process of removing Z-Wave devices from the network.
- **Association** — is a control relationship between a controlling device and a controlled device.
- **Wakeup Notification** — is a special wireless message issued by a Z-Wave device to announces that is able to communicate.
- **Node Information Frame** — is a special wireless message issued by a Z-Wave device to announce its capabilities and functions.