Manuals+ — User Manuals Simplified.

Philio Smart Keypad PSK01 User Guide

Contents

Philio Smart Keypad PSK01

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 thisequipment 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) andevery mains powered node can act as a repeater for other nodes (meshed network) in case the receiver isnot 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 thisdevice provides the same or a higher level of security. Otherwise it will automatically turn into a lower levelof security to maintain backward compatibility.For more information about Z-Wave technology, devices, white papers etc. please refer to
[www.z-wave.info.](www.z-wave.info)

Product Description
The Philio Smart Keypad with an elegant glass touch panel can be included in your Z-Wave network to increase the security in your home. The smart devicesupport Z-Wave Multi-Functions Smart Switch to report the current key status and setup Arm/ Disarm.
Low Power Consumption
Through the built-in rechargeable Lithium-ion battery and using DC 5V (Micro USB) charge your keypad is powered at all times without increasing your electricitybill.

Features:

- Z-Wave 500 Series
- Multi-functions smart switch for home automation or security application
- Code Function
- Support Security 2 Function
- Programmed button to control Z-Wave devices

- Green and Red LED Indicator
- Interactive with other Devices

Specifications:

- Linux-based, providing the SoC with a comprehensive protocol stack for customized integration
- Rated Voltage: 5V/1A (Micro USB charging for battery)
- RF distance: Min. 40M indoor, 100M outdoor line of sight
- Battery Lifetime: 6 months
- Alarm Audibility: 85 dB/3M
- Operation Temperature: 0 ~ 40°C
- Operation Humidity: 85%RH max

Download high resolution images for Philio products.

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 dothis by performing an Exclusion operation as described below in the manual. Every Z-Wave controller is able to perform this operation however it is recommendedto use the primary controller of the previous network to make sure the very device is excluded properly from this network.

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 theassembly 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 thedevices 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. Thiscontroller is turned into exclusion respective inclusion mode. Inclusion and Exclusion is then performed doing a special manual action right on the device.

Quick troubleshooting

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.

Technical Data

- Dimensions 0.0920000×0.1220000×0.0156500 mm

- Weight 210 gr
- EAN 4713698575649
- Frequency XXfrequency
- Maximum transmission power XXantenna

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 wallcontrollers.
- **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.

Documents / Resources

Philio Philio Smart Keypad PSK01 [pdf] User Guide
Philio, Smart, Keypad, PSK01

Manuals+,