



Wireless



Smart Wi-Fi relay switch

NHE-R100

User guide

Thank you for purchasing the **Smart relay switch** from Next Solutions. We are excited for being a part of making your life easier, safer, and bringing peace of mind inside and outside your home.

Package content

- Smart relay switch (1)
- Terminal screw cover (2)
- Fastening screw (4)
- User guide (1)

Safety information

Precautions

Please read and understand this entire manual before attempting to install and operate this electrical switch.

This smart relay switch works with 110-240V~50/60Hz AC.

This device has been tested by the manufacturer according to all international electrical standards. However, every state has different standards and rules for installing electrical cabling and equipment in a home.

Improper installation of this product may cause electrical injury to an individual.

Installation of this product must be performed by a qualified electrician or a certified electrical technician. Do not attempt to perform the installation if you are not familiar with hardwired electrical connections.

Improper installation can lead to loss of warranty.

Nextt Solutions assumes no liability for the improper installation of this product.



Turn power off at the circuit breaker or fuse.



WARNING: To avoid risk of electric shock or electrocution, install the smart relay switch away from any water source.

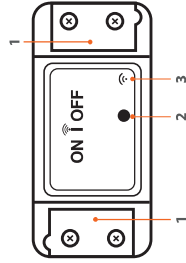


WARNING: A neutral wire is needed to power the relay switch.

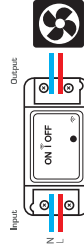


WARNING: This device is single band and will only work with 2.4GHz WiFi routers.

Product overview



1. Terminal screw covers
2. Pairing button/manual switch/reset
3. WiFi LED status light






Initial inspection

Before installing the electrical relay switch, ensure that all parts are included in the package. If any part is missing or damaged, do not attempt to install, or operate this product.

Estimated installation time: 10 minutes.

Tools that may be required but are not included for installation

- 1  Phillips screwdriver
- 2  Flathead screwdriver
- 3  Wire strippers/cutters

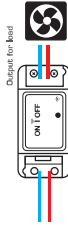
Hardware installation

Step 1
Cut in half the fixture or device cable that you wish to connect to the smart relay switch. Strip the cable's jacket to leave the wires bare and facilitate the connection to the relay terminals.

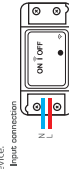


Step 2
Remove the terminal screw covers. On the output side, attach the wires coming from the fixture or device to the L (Live) and N (Neutral) terminals on the relay switch.

Proceed to tighten the terminal screws to make sure the connection is secure.



Step 3
Repeat the same procedure on the input side of the relay switch, but this time connecting the two electric wires from the grid. Make sure to match the N (Neutral) wire with Neutral terminal on the input section of the relay. Do not connect the L (Live) wire to the Neutral terminal, as this may result in a short circuit or damage to the device.

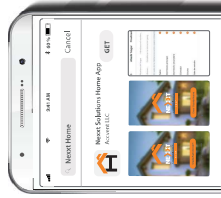




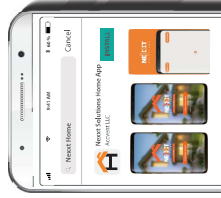
Installing the Next Home App



Scan the QR code or download the Next Home app.



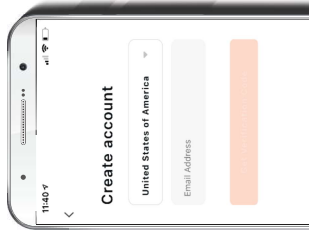
Download the Next Home app from Google Play or Apple App Store and create a new account.





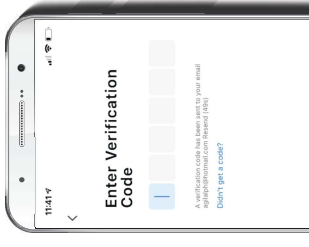
Email

Step 1



Register by email. Fill in the required fields.

Step 2



Enter the verification code you received.



English

Step 3



Create a new password and then select **Done**.

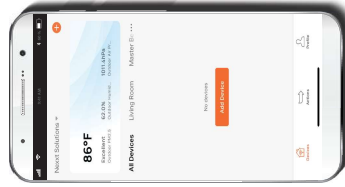
Step 4



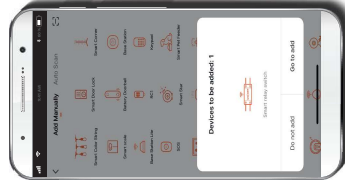
The Next Home account has been successfully configured.

Add device

Step 1

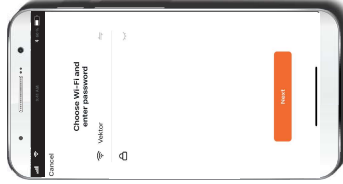


Press **Add device** or click on + icon, followed by the smart relay switch.



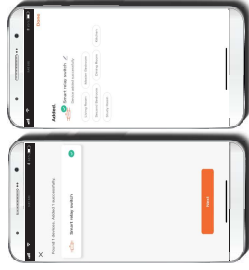
The LED indicator light must start blinking. Otherwise, press and hold the reset button on the unit for 10 seconds until the blue LED blinks fast.

Step 2



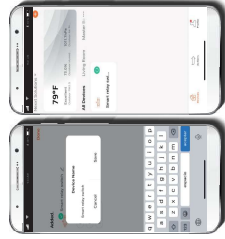
You must connect to a **2.4GHz Wi-Fi network**. Enter your network password. Make sure you enter the correct password, otherwise the device will not connect. It may take around 30 seconds to add the device, depending on the Wi-Fi connection.

Step 3



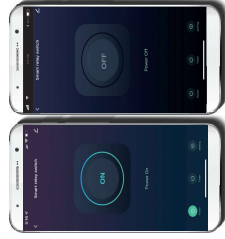
If pairing is successful, the notification **Added** will be displayed on the screen.

Device name



To rename the device, click on the pencil icon on the screen, enter a different name, and then click on **Save** to store your settings.

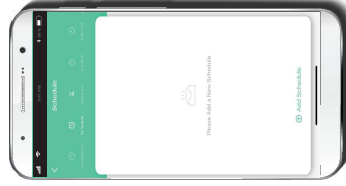
Main interface



The main interface has a menu at the bottom of the screen which includes: Power, timer, and setting. Tap on Power on the screen to turn the relay switch on or off.

Timer

English

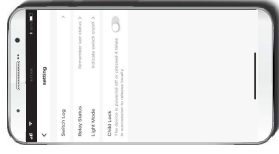


The **Timer** function includes:

- **Countdown:** Allows you to set a countdown timer for a given amount of time to cause the device to turn on or off.
- **Schedule:** Click on **Add Schedule** to access the **Add Schedule** screen. Set the day or days you wish to schedule and then the times. Click on **Save** on the upper right-hand corner to store a schedule.
- **Sequence:** Creates a cycle with times to turn the relay switch on and off.
- **Random:** Sets up a period of time when the switch turns on and off randomly.
- **Auto-Off:** Configures a period of time that once is complete, the relay switch turns off.
- **Astronomical:** Configures the city or town and the time zone in the Next Home app. The app directs the local time and sets up turn on and off times according to sunrise and sunset.



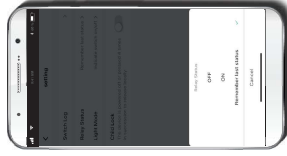
Setting



This setting menu at the bottom of the screen enables the configuration of the following functions:

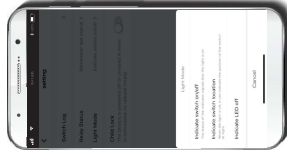
- **Switch Log:** Displays the activity log on the screen.
- **Relay Status**
- **Light Mode**
- **Child Lock**

Relay status



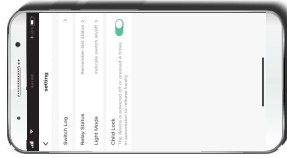
Relay Status: Determines the status of the switch when electrical power comes back after a power outage. The user can choose to remember last status before a power outage occurs.

Light mode



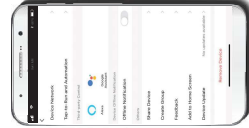
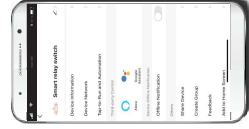
Light Mode: This setting offers three options to configure the LED light:
- Indicates when the LED light is on when the switch is on, and the LED light is off when the switch is off to easily identify the current status of the device.
- Indicates switch location. Suitable for dark places or in the middle of the night, the LED is on, to make it easier to find the switch.
- Indicates LED off: keeps the LED light always off.

Child lock



Allows the user to enable or disable the physical control of the switch. When enabled, the physical control will be disabled by pressing the button on the switch four consecutive times.

Settings



Smart relay switch



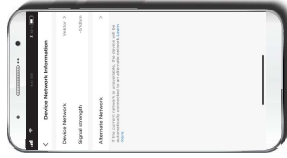
Click on the pencil icon to change the icon, name, and location of this switch.

Device information



Display the device ID, IP address and time zone.

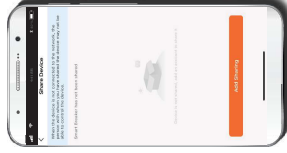
Device network



Display the network that the relay switch is connected to, and the signal strength.

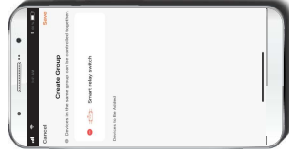
Tap to run and automation: Links the smart relay switch with other smart products to automatically control them with automation rules.
Online verification: Provide a selection button to enable/disable this feature.

Share device



Click on **Add device**. Enter the e-mail address of family and friends. Tap on **Done**. The newly configured users will now have access to your smart relay switch.
Note: Family or friends need their own Next Home account to access the device.

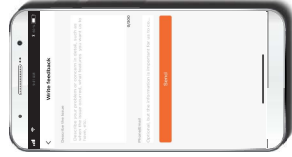
Create group



Makes management of devices easier by selecting and arranging multiple units under a single group.



Feedback



Let us know if you have any issues setting up the product.

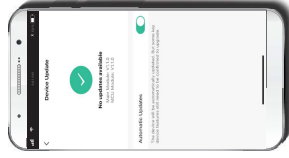
Add to home screen



This is a newly added UI interface which provides direct access to the main controls of the device by adding a shortcut to the main screen on your mobile phone.

English

Device update



FCC ID: X4YHAB100

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Adds new features or provide updates with a new firmware upgrade. You can choose to have it automatically updated by clicking the button below.

Remove device: allows you to unbind the device from the Next Home Account.

FCC WARNING

This device complies with part 15 of the FCC Rules. 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.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body. Use only the supplied antenna.



Smart Wi-Fi
relay switch