

NEXHO

system

NEXHO-NT – Internet Module **Fitting and Operating Instructions**



NOTICE

Please read these instructions carefully and keep them for future consultation. NEXHO range equipment must be installed by an accredited, qualified electrician and must observe Low Voltage Regulations. The installation as a whole should meet the provisions of aforesaid regulation. Any claim presented will be deemed invalid if the prevailing regulations have not been met.

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General information

Thank you for purchasing FARHO'S Internet Module NEXHO- NT

It has been designed and manufactured in accordance with domestic appliances' requirements pursuant to the following standards: UNE-EN 60950, UNE-EN 301 489, UNE-EN 61000-6 and UNE-EN 300 220.

The Internet Module NEXHO-NT enables you to control, by radio frequency means, both FARHO heaters (XP Model) and any other device from the NEXHO range installed in your house, by means of radio frequency. You will be able to control your NEXHO installation from your smartphone, TABLET or PC using our NEXHO application/software. Please consult our web page www.nexho.com in order to see the operating systems that are supported by the NEXHO application which are available to download from their respective application/software shops you can find in the internet

Once the application is downloaded and configured together with the Internet Module NEXHO-NT you will be able to surf through the different existing menus and control, in an intuitive and user-friendly manner, controlling everything in your system: modifying room temperatures, turning the system on/off, changing the intensity of the lights in any given room, programming the opening of the blinds, and all of this, without the need for cables.

Moreover, if both your installation and mobile device have internet access you will be able to do this through Internet and at no cost. You will also have the option of configuring your Internet Module NEXHO-NT so you receive ALERTS in your mobile device if any of the alarms in your house go off: flooding, fire, smoke, intrusion, etc.

By simply following the instructions given here you will be able to enjoy all the features and quality of life afforded by Farho products.

Commissioning

The Internet Module NEXHO-NT comes with a connecting cable RJ45, one radio frequency transmitting antenna , a feeder plug and a 230V/125V adaptor.

In order to use the Internet Module NEXHO-NT it is necessary to have a router with Wi-Fi connectivity and at least one controlling device such as a smart phone, TABLET or PC with internet connection that are not included in this package.

Synchronization with the NEXHO-NT module is a critical process for the correct functioning of the installation. Please follow the next steps in the same order as described in order to avoid any type of problems during the initial installation.

Download the NEXHO application from the respective applications shop (Android Market, Apple Store, etc.) in your device. Consult the instructions manual in your Smartphone if you are not familiarized with the downloading of applications from virtual shops. You can also consult in our web page if you want to know the different compatibilities and existing versions for the NEXHO application

Screw the radio frequency transmitting antenna into the corresponding connector at the back of the Internet Module NEXHO-NT

Use the data cable RJ45 to connect the Internet Module NEXHO-NT to your router.

Insert the feeder plug into the corresponding connector at the back of the Internet Module NEXHO-NT and connect the feeder to the house mains.

Connect the Internet Module NEXHO-NT to the power and wait until only the green light in the module is on.

Configure your Smartphone or any other device to connect to the Wi-Fi network generated by the router that has been connected to the Internet Module NEXHO-NT. This step is vital in this process. Do not forget to connect yourself to the Wi-Fi network generated by the router when you are doing the initial installation. If you don't do this, the application wont connect to the Internet Module.

Log on the NEXHO application. Make sure that any other device connected to the Wi-Fi network generated by your router does not have the NEXHO application open. If this is the case please close the NEXHO application on this second device.

Start the synchronization with the Internet Module. Your terminal screen will remain on waiting mode (if when turning on the application the Initial Installation message does not appear, please reset the application following the steps described in section "HOW TO RESET THE NEXHO APPLICATION IN MY TERMINAL?" in this manual.

Using a small screw driver or any other alternative tool, push the "push button switch" in the back of the Internet Module NEXHO-NT. After doing so, a message will show in your device screen indicating the status of the synchronization of your mobile device with the Internet Module NEXHO-NT. When the synchronization progress bar finishes, the module NEXHO-NT will be ready to start with the configuration of your installation with the NEXHO product range.

It is possible that in some of the mobile devices, when starting up the NEXHO application, it is not necessary to push the installation "push button switch" (mainly some devices working with Android). If you observe that when pressing the switch the application does not connect itself, wait for a few seconds. More than likely synchronization will take place automatically.



Activate the PUSH notifications mode on your device. You will then be able to receive messages that will inform you about new actualizations of the application, apart from allowing you to use the security alerts that the NEXHO system has to offer. In order to activate PUSH notifications select the configuration menu from the initial screen of NEXHOs application in your mobile device or TABLET. In some versions of this application this menu will appear in as an icon with the shape of a tool at the top left part of the screen. If this icon does not appear, press the "Menu" button of your terminal. In the submenu select "Configuration". If you haven't deactivated the password request, this will be by default "nexho". Push notifications require internet connection. Press now the "Notifications".



The NEXHO system needs an start up installation in order to link the application in the device with the Internet Module NEXHO-NT. Moreover, the NEXHO application protects, with a password all the menus related with security and configuration

Nevertheless it is important to protect the wifi access to your router with a password if you haven't done it previously. This way you will double protect the system against external connections to your local network within your NEXHO system or any other devices and PCS in your house. Please check your routers instructions manual to obtain more information about wifi password configurations.

Positioning

Farho's Internet Module NEXHO-NT has been designed for domestic use and must be always fitted inside the house.

Do not fit the device near water sources that might result in water getting inside the device due to spraying or sprinkling.

Position your Internet Module in a favorable place to be reached by the radio signals of all NEXHO devices that have been installed, as close as possible, or in a central position.

How to synchronize a second device with an installation already done with the original device?

The Internet Module NEXHO-NT allows you to synchronize your system with several mobile devices, TABLETS or PCs. This way you will be able to gain control of your NEXHO system from different devices.

In order to configure a second installation (or more) please follow the next steps.

Synchronization with the NEXHO-NT module is a critical process for the equipment to work correctly after the installation. Please follow the next steps in the same order as described in order to avoid any type of problem during the initial installation.

Download the NEXHO application from the respective applications shop (Android Market, Apple Store, etc.) in your device as you have done in the first installation.

Configure your Smartphone or any other device to connect to the Wi-Fi network generated by the router that has been connected to the Internet Module NEXHO-NT. This step is vital in this process. Do not forget to

connect yourself to the Wi-Fi network generated by the router when you are doing the initial installation. If you don't do this, the application won't connect to the Internet Module.

Log on your NEXHO application. Make sure that any other device connected to the Wi-Fi network generated by your router does not have open the NEXHO application. If this is the case please close the NEXHO application on this second device, including the device where the first installation was made.

Start the synchronization at the Internet Module. Your terminal screen will stay on waiting mode. Using a small screw driver or any other alternative tool, push the "push button switch" in the back of the Internet Module NEXHO-NT. After doing so, a message will show in your device screen indicating the status of the synchronization of your mobile device with the Internet Module NEXHO-NT. When the synchronization's progress bar finishes, the module NEXHO-NT will be ready to start with the configuration of your installation with the NEXHO product range.

It is possible that in some of the mobile devices, when starting up the NEXHO application, it is not necessary to press the installation "push button switch" (mainly some devices working with Android). If you observe that when pressing the switch the application does not connect itself, wait for a few seconds. More than likely synchronization will take place automatically.

As you will be able to see, the new installation does not have the names of the zones or scenes originally configured in the first device. Even though you can edit them manually (please check the corresponding sections of this manual), NEXHO application will allow you to send the original names used during the first installation to future installations.

In order to complete this process please take the following steps:

- Open both applications (the original device where the first installation took place and the new device). Make sure both devices are connected to the same Wi-Fi network generated by your installation's router (the Internet Module NEXHO-NT must be connected to this router).

- In both devices, select the configuration menu in the opening screen of NEXHO's application. In some versions of this application this menu will appear as an icon in the shape of a tool at the top left part of the screen. If this icon does not appear, press the "Menu" button of your terminal. In the submenu select "Configuration". If you haven't deactivated the password request button, this will be by default "nexho".
- Now press the "Communications" button in both terminals
- In the second device select the option "Receive data from another application". NEXHO's application in this terminal will remain in a waiting mode.
- In the original device (where all the names of the zones have been installed are saved) select the option "Send data to another application".
- Now both applications will show the same names as the zones assigned originally.

How to reset the nexho application downloaded in my device?

Select the "Configuration" menu in the opening screen. In some versions of this application this menu will appear as an icon in the shape of a tool at the top left part of the screen. If this icon does not appear, press the "Menu" button on your terminal. In the submenu select "Configuration". If you haven't deactivated the password request button, this will be by default "nexho". Press now the "Communications" button.

Select the option "Initial Installation" from this menu. In some of the versions of this application this option will show in an icon with the shape of two crossed arrows at the top right hand side of the application. If this icon is not there press the "Menu" button in your terminal. In the Submenu that will come out select "Initial Installation".

How to set the time?

Please go to the main menu and press the "Communications" button, once inside the communications menu press the "Send time" button.



Please keep in mind that the configuration password by default is "nexho". You can change this password or deactivate it. To do any of this please go to configuration menu, then go into "Password" menu where you can change/deactivate the password.

How to change the configuration passwords?

In order to access some of the menus within the NEXHO application a password is needed to. Password by default is "nexho".

If you want to change this password select from the opening screen the Configurations menu. In some versions of this application this menu will appear as an icon in the shape of a tool at the top left part of the screen. If this icon does not appear, press the "Menu" button of your terminal. In the submenu select "Configuration". If you haven't deactivated the password request button, this will be by default "nexho".

Now press the "Password" button and select the option "Change configuration password".

Introduce the old password and accept. Introduce the new password and accept. Repeat the new password and accept again.

The password has now been changed.

How to deactivate the password request in NEXHO application?

In order to access to some of the menus within NEXHOs application it is necessary to introduce a password. The password for configuration will be by default, "nexho".

If you want to deactivate the password request of this application, enter the configuration of the opening screen of NEXHOs application. In some versions of this application this menu will appear as an icon with the shape of a tool at the top left part of the screen. If this icon does not appear, press the "Menu" button of your terminal. In the submenu select "Configuration". If you haven't deactivated the password request button, this will be by default "nexho".

Now press the password button from the menu and deactivate the options you want from the password request menu.



Please keep in mind that if you deactivate this password request, it will be easier to accidentally modify the installation.

How to control your nexho installation from outside your house through internet?

Once you have configured all the system from the local network generated by the router, you will then be able to configure your system in order to control it from outside your house from the internet.

The first thing we will need is to have internet access from this router. You will also need to have internet access from the device where you have downloaded the NEXHO application when connecting to your system.

Moreover you will need to configure your router so the NEXHO application is allowed to receive data from outside your local network. To make this possible you will need to configure a "Port forwarding" in your installation router.

From a computer connected with a cable to the router, access your routers configuration menu. This is possible by inserting the routers direction in your browsers navigation menu (Internet Explorer, Mozilla, Firefox, Safari, etc..) Routers use as their usual addresses <http://192.168.1.1>. or <http://192.168.2.1>. Nevertheless, this address is often indicated in a label placed under the router. If you cannot access the router please check your routers instructions manual to access its configuration.

A user name and password is usually requested to access this menu. Please check under your router or in your routers instruction manual to find them.

Once you have accessed the configuration menu in your router, look for a menu named "PORT FORWARDING" or "FORWARDING" or "VIRTUAL SERVERS" or "NAT", or "APPLICATIONS AND GAMES", or "GAMIN". This will depend on the make and model of your router.

Once in that menu please configure the following data:

- Name: Use name you want. You can use the word "nexho" if you want to remember this configuration.
- Ports: You may be asked for just one port or for "start" and "finish" ports. In both cases please introduce the port "6653".
- Protocol. Usually you will be able to choose between "TCP" and "UDP" or "Both". Please mark "UDP" or "Both".
- IP Destination: It is usually the same as the routers address excepting the last number which must be changed to 246. For example, if your router has as an address 192.168.1.1 in the IP Destination you must introduce 192.168.1.246
- Mark the cell "Activate" if its visible and save the changes to finish your router configuration.

Hereafter you can see some of the examples of the configuration we have carried out on some commercial routers.

Applications
& Gaming

Wireless-G Broadband Router with SpeedBooster

WRT54GS

Setup Wireless Security Access Restrictions **Applications & Gaming** Administration Status

Port Range Forward | Port Triggering | DMZ | Guest

Port Range Forward

Port Range						
Application	Start	End	Protocol	IP Address	Enable	
NexhoNT	6653	30	6653	Both ↓	192.168.1.246	<input checked="" type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>
	0	30	0	Both ↓	192.168.1.0	<input type="checkbox"/>

Port Range Forwarding:
Certain applications may require to open specific ports in order for it to function correctly. Examples of these applications include servers and certain online games. When a request for a certain port comes in from the Internet, the router will route the data to the computer you specify. Due to security concerns, you may want to limit port forwarding to only those ports you are using, and uncheck the Enable checkbox after you are finished. More...

Save Settings Cancel Changes



Main

Wireless

Status

Routing

Access

- Filter
- Virtual Server
- Special AP
- DMZ
- Firewall Rule

Management

Tools

Wizard

Virtual Server

Help

Enable Enable Disabled

Name Nexho NT

Protocol Both ↓

Private Port 6653

Public Port 6653

LAN Server 192.168.10.246

Add

Update

Delete

Cancel

	Name	Protocol	LAN Server
<input type="checkbox"/>	Virtual Server FTP	TCP 21/21	0.0.0.0
<input type="checkbox"/>	Virtual Server HTTP	TCP 80/80	0.0.0.0
<input type="checkbox"/>	Virtual Server HTTPS	TCP 443/443	0.0.0.0
<input type="checkbox"/>	Virtual Server DNS	UDP 53/53	0.0.0.0
<input type="checkbox"/>	Virtual Server SMTP	TCP 25/25	0.0.0.0
<input type="checkbox"/>	Virtual Server POP3	TCP 110/110	0.0.0.0
<input type="checkbox"/>	Virtual Server Telnet	TCP 23/23	0.0.0.0
<input type="checkbox"/>	PPTP	TCP 1723/1723	0.0.0.0
<input type="checkbox"/>	NetMeeting	TCP 1720/1720	0.0.0.0

Advanced

Forwarding : This allows for incoming requests on specific port numbers to reach web servers, FTP servers, mail servers, etc. so they can be accessible from the public internet. A table of commonly used port numbers is also provided.

- IP Filtering
- MAC Filtering
- Port Filtering
- Forwarding**
- Port Triggers
- DMZ Host
- RIP Setup

Local IP Addr	Port Forwarding			Enabled
	Start Port	End Port	Protocol	
192.168.0.246	6653	6653	Both	<input checked="" type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>
192.168.0.0	0	0	Both	<input type="checkbox"/>

Apply

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Status

Quick Setup

QSS

Network

Wireless

DHCP

Forwarding

- Virtual Servers

- Port Triggering

- DMZ

- UPnP

Security

Parental Control

Access Control

Advanced Routing

Bandwidth Control

IP & MAC Binding

Dynamic DNS

System Tools

Add or Modify a Virtual Server Entry

Service Port: (XX-XX or XX)

IP Address:

Protocol: ALL

Status: Enabled

Common Service Port: --Select One--

Save

Back

The configuration of the router is now finished.

If you've had problems in this section, check your routers instructions manual or look for information in the internet about the make and model you own, in order to complete this process.

Once you have configured your router you still have to do one final configuration in your NEXHO APPLICATION (the one installed in your device). In some versions of this application this menu will appear as an icon in the shape of a tool at the top left part of the screen. If this icon does not appear, press the "Menu" button of your terminal. In the submenu select "Configuration". If you haven't deactivated the password request button, this will be by default "nexho". Now press the "Communications" button and activate the option "Send data to an external server"

Please keep in mind that it can take a few minutes to finalize this configuration while all the installation data is being configured in the external server

How to reset the internet module NEXHO-NT?



Please keep in mind that if you reset the internet module NEXHO-NT, you will lose all the information you have saved from your installation. After this, you should re-install all NEXHO products in your house and synchronize again, the applications of all associated devices.

In order to reset the Internet Module NEXHO-NT, take the following steps:

Disconnect the network cable RJ45 that connects your installation routers to Internet module

Press the switch button at the back of the Internet Module NEXHO-NT

Keep it pressed for a few seconds, a blue light (led) will go on, keep pressing the switch button until the blue light goes off. Only after this happens, should you stop pressing the switch button of your Internet module

Now wait until the orange led in the Internet Module goes off. This process can take up to a couple of minutes. The reset will be finished when both green and red lights are permanently on

Disconnect the power cable from your Internet Module.

Connect the data cable RJ45 to the Internet Module NEXHO-NT and to your router.

Insert the feeder plug into the corresponding connector at the back of the Internet Module NEXHO-NT and connect the feeder to the house mains.

Connect the Internet Module NEXHO-NT to the power and wait until only the green light in the module is on.

How to install radiators in your automation network?



This operation will only be necessary when you are installing the radiators. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your heating system from your nexho application.

In the NEXHO application, select in your menu "Heating" and press the option "Configuration". If your request for password is not deactivated, the configuration password will be, by default, "nexho".

If this is the first radiator you are installing in the zone:

- Select "Add Zone". Press the blank space where you can read "Name" and introduce the name of the zone where the radiator is being located (or any name you want to give to that radiator). Accept and wait until the zone is created.
- Select the option "Add Modules"
- When the screen shows the message "Waiting for the module" select the following options from your XANA PLUS radiator:
 - Menu -> Configuration -> Install
- If all this has been done correctly, in your applications screen you should see that the number of modules installed has changed from 0 to 1
- The heater is now ready to be controlled from your NEXHO application

If you want to install another radiator in an existing zone:

- Select "Edit Zone". Select the zone that you have previously created where you want to install a second radiator
- Select the option "Add Modules"
- When the screen shows the message "Waiting for the module" select the following options from your XANA PLUS radiator:
- Menu -> Configuration -> Install
- If all this has been done correctly, in your applications screen you should see that the number of modules installed has increased in one unit.
- The new heater is now ready to be controlled from your NEXHO application.

How to change the name of one heating zone?

In the NEXHO application go into the "Heating" menu and press the "Configuration" option. If your request for password is not deactivated, , the configuration password will be, by default, "nexho".

Press over "Edit Zone" and select the zone you want to rename. Click on the blank space where the previous name appears and introduce the new name.



Keep in mind that, when changing the name of a zone, this will affect to every module that has been installed in that zone.

How to change the temperature in the different rooms

In the NEXHO application click on the "Heating" button. Select the room/zone where you want to change the temperature. Please keep in mind that you can select more than one room/zone in the upper part of the

screen where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Use the +/- buttons to select the temperature you want and then press the "Modify" button.

How to activate the programs in the XP heaters

In the NEXHO application click on the "Heating" button and click the option "Programs". Select the zone/room where you want to activate the programs.

Please keep in mind that you can select more than one room/zone in the upper part of the screen where it gives you several options: "One Zone", "Various Zones" and/or "All Zones"

Now select the option "Activate Programs".

How to deactivate the programs in your XP heaters

In the NEXHO application click on the "Heating" button and click the option "Programs". Select the zone/room where you want to deactivate the programs.

Please keep in mind that you can select more than one room/zone in the upper part of the screen where it gives you several options: "One Zone", "Various Zones" and/or "All Zones"

Now select the option "Deactivate Programs".

How to personalize or modify the programs of your XP heaters?

In the NEXHO application click on the "Heating" button and press the "Programs" option. Select the zones/rooms where you want to personalize the programs. Please keep in mind that you can select more than one room/zone in the upper part of the screen where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Now select the option "Edit Programs".

Select the days you want to personalize the programs. Remember you can pick more than one day in the options "Various days" or "All" in the menu you will find in the upper part of the screen.

Insert the time when you want the program to begin, the time when you want the program to stop and the temperature in the first timeframe of the programming menu.

Add the time frames you need with the +/- buttons until you are covered with the 24 period per day. (you can program up to 6 time frames).

In the lower part of the screen you will be able to see a graphic bar in several colors, each color being the different timeframes you have programmed.

Press the button "Save". The heater is now programmed.

How to install a radiator in a "repeater mode"

Select the "Repeater" option on the "Configuration" menu and choose either "Activate" or "Deactivate". If the function is already enabled only the "Deactivate" option will come up, and vice versa

With the new NEXHO system, you will be able to control the radiators that are out of the Internet module range. Using the built in repeater you will find in our XP radiators, you will be able to send instructions to all the radiators, even those far away from the Module. Activate this command only in the radiators that you may need and that are located between the Internet module and those where the signal does not reach

You can set several radiators on a repeater mode, increasing significantly the distance between the Internet Module and the furthest radiator.

1. Approach a radiator that is receiving the signal from the Internet Module, this one should be located near the radiator where the signal does not reach. Press the button CANCEL/MENU.
2. Press the button once, thus positioning the indicator "▶" in front of "Configuration"
3. Press the OK button
4. Press the button 3 times, thus positioning the indicator "▶" in front of "Repeater"
5. Press the OK button
6. Now the indicator "▶" will be positioned in front of "Activate". Press the OK button. Now the radiator is working on repeater mode. (Note: If when arriving to this step the indicator "▶" is positioned in front of the "Deactivate" Word, this would mean that the repeater mode was already active)

To deactivate the repeater mode in a radiator please follow the next steps:

1. Go to a radiator that correctly receives the signal/instructions from the Internet module and that is near another one that does not receive the signal. Press the button CANCEL/MENU once.
2. Press the button once, thus positioning the indicator "▶" in front of "Configuration"
3. Press the OK button
4. Press the button 3 times, thus positioning the indicator "▶" in front of "Repeater"
5. Press the OK button
6. Now the indicator "▶" will be positioned in front of "Deactivate". Press the OK button. Now the repeater mode is deactivated.

(Note: If when getting to this step the indicator “▶” is positioned in front of the “Activate” word, this would mean that the repeater mode has already been deactivated.



Only activate this function when necessary, and on the smallest number of radiators possible. An excessive number of repeaters in the installation can give rise to substantial delays in the system's communications.

How to install a thermostat module in the automation



This operation will only be necessary when you are installing thermostat modules. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your thermostat modules from your NEXHO application.

In the NEXHO application select the "Heating" menu and press the option "Configuration". If you haven't deactivated the password request, this will be, by default, "nexho".

If this is the first thermostat that you install in the zone:

- Select the option "Add Modules"
- When the screen shows the message "Waiting for the module" press the installation button from your Thermostat Module NEXHO-CL.
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has changed from 0 to 1.
- The thermostat is now ready to be controlled from your NEXHO application.

If you want to install another thermostat in an existing zone:

- Select "Edit Zone". Select the zone that you have previously created where you want to install a new thermostat

- Select the option “Add Modules”
- When the screen shows the message “Waiting for the module” press the installation button from your Thermostat Module NEXHO-CL
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has increased in one unit.
- The new thermostat is now ready to be controlled from your NEXHO application.

How to change a name of a thermostat zone

In the NEXHO application go into the “Heating” menu and press the “Configuration” option. If your request for password is not deactivated, , the configuration password will be, by default, “nexho”.

Press over “Edit Zone” and select the zone you want to rename. Click on the blank space where the previous name appears and introduce the new name.



Keep in mind that, when changing the name of a zone, this will affect to every module that has been installed in that zone.

How to change the temperature in the different rooms?

In the NEXHO application click on the “Heating” button. Select the room/zone where you want to change the temperature. Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: “One Zone”, “Various Zones” and/or “All Zones”.

Use the +/- buttons to select the temperature you want and then press the “Modify” button.

How to activate the programs in the thermostat modules NEXHO-CL?

In the NEXHO application click on the “Heating” button and click the option “Programs”. Select the zone/room where you want to activate the programs. Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: “One Zone”, “Various Zones” and/or “All Zones”.

Now select the option “Activate Programs”.

How to deactivate the programs in the thermostat modules NEXHO-CL?

In the NEXHO application click on the “Heating” button and click the option “Programs”. Select the zone/room where you want to deactivate the programs. Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: “One Zone”, “Various Zones” and/or “All Zones”.

Now select the option “Deactivate Programs”.

How to personalize or modify the programs of your thermostat modules NEXHO-CL?

In the NEXHO application click on the “Heating” button and press the “Programs” option. Select the zones/rooms where you want to personalize the programs. Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: “One Zone”, “Various Zones” and/or “All Zones”.

Now select the option "Edit Programs".

Select the days you want to personalize the programs. Remember you can pick more than one day in the options "Various days" or "All" in the menu you will find in the upper part of the screen.

Insert the time that you want the program to begin, the time when you want the program to stop and the temperature in the first timeframe of the programming menu.

Add the time frames you need with the +/- buttons until you have covered the 24 period per day.

In the lower part of the screen you will be able to see a graphic bar in several colors, each color being the different timeframes you have programmed.

Press the button "Save". The thermostat is now programmed.

WORKING WITH PRESENCE DETECTORS

How to install a presence detector in the automation network?



This operation will only be necessary when you are installing presence detectors. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your presence detectors from your internet module.

In the NEXHO application select from the menu "Security Systems" and press the "Configuration" option. If you have not deactivated the password request, the configuration password is, by default, "0000"

Select the option "Add new sensors" and select the type of sensor "Presence". Select the zone where you want to install the new sensor. If you still have not created the zone, select the option "Create Zone" and name it.

When the screen shows the "Waiting for the module" message, press the installation button in the thermostat you want to install.

The sensor will now be ready to work in your automation system.

WORKING WITH FLOODING DETECTORS

How to install a flooding detector in the automation network?



This operation will only be necessary when you are installing flooding detectors. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your flooding detectors from your internet module.

In the NEXHO application select from the menu "Security Systems" and press the "Configuration" option. If you have not deactivated the password request, the configuration password will be, by default, "0000"

Select the option "Add new sensors" and select the type of sensor "Flooding". Select the zone where you want to install the new sensor. If you still have not created the zone, select the option "Create Zone" and name it.

When the screen shows the "Waiting for the module" message, press the installation button in the detector you want to install.

The sensor will now be ready to work in your automation system.

WORKING WITH FIRE DETECTORS

How to install a fire detector in the automation network?



This operation will only be necessary when you are installing fire detectors. This configuration will remain saved even with electric cut outs.elettrica.



It is necessary to go through this process in order to be able to control your fire detectors from your internet module.

In the NEXHO application select from the menu “Security Systems” and press the “Configuration” option. If you have not deactivated the password request, the configuration password will be, by default, “0000”

Select the option “Add new sensors” and select the type of sensor “Fire”. Select the zone where you want to install the new sensor. If you still have not created the zone, select the option “Create Zone” and name it.

When the screen shows the “Waiting for the module” message, press the installation button in the detector

The sensor will now be ready to work in your automation system.

WORKING WITH NUMERIC MODULES

How to install a numeric module in the automation network



This operation will only be necessary when you are installing numeric modules. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your numeric modules from your internet module.

In the NEXHO application select from the menu "Security Systems" and press the "Configuration" option. If you have not deactivated the password request, the configuration password will be, by default, "0000".

Select the option "Add new sensors" and select the type of sensor "Numeric". Select the zone where you want to install the new sensor. If you still have not created the zone, select the option "Create Zone" and name it.

When the screen shows the "Waiting for the module" message, press the OK button in the module you want to install to turn it on, and press it again until you hear a bip and in the application screen you will see that it has been correctly installed

The numeric module will now be ready to work in your automation system.

WORKING WITH POWER CONTROL MODULES

How to install power control modules in the automation network



This operation will only be necessary when you are installing power control modules. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your power control modules from your nexho application.

In the NEXHO application select the "Other Equipment" menu and press the option "Configuration". If you haven't deactivated the password request, this will be by default "nexho".

If this is the first thermostat that you install in the zone:

- Select "Add Zone". Press the blank space where you can read "Name" and introduce the name of the zone where the power control module is being located. Usually the name of the zone will be the name of the electric product you want to control with that module.
- Accept and wait until the zone is created.
- Select the option "Add Modules"
- While the screen shows the message "Waiting for the module" press the installation button from your power control module
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has changed from 0 to 1
- The power control module is now ready to be controlled from your NEXHO application

If you want to install another power control module in an existing zone:

- Select “Edit Zone”. Select the zone that you have previously created where you want to install a new thermostat
- Select the option “Add Modules”
- When the screen shows the message “Waiting for the module” press the installation button from your power control module
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has increased in one unit
- The new module is now ready to be controlled from your NEXHO application.

How to change a name of a power control module?

In the NEXHO application go into the “Other Equipment” menu and press the “Configuration” option. If your request for password is not deactivated, the configuration password, by default will be, “nexho”.

Press over “Edit Zone” and select the module you want to rename. Click on the blank space where the previous name appears and introduce the new name.



Keep in mind that, when changing the name of a zone, this will affect to every module that has been installed in that zone.

How to delete a power control module from the list?

In the NEXHO application, select the menu “Other Equipments” and press the “Configuration” button. If your request for password is not deactivated, the configuration password, by default will be, “nexho”.

Press the “Delete Zone” button and select the module you want to delete.

How to activate/deactivate a power control module from your application?

In the NEXHO application click on the "Other Equipment" button. Select the zone where you want to modify the working condition. Remember that you can select more than one zone with the options "Various Zones", "All" in the upper part of the menu.

Press de sliding button to activate or deactivate the working condition.

How to activate the programs in a power control module?

In the NEXHO application click on the button "Other Equipment" button and press the option "Programs". Select the zone where you want to activate the programs.

Remember that you can select more than one zone with the options "Various Zones", "All" in the upper part of the menu.

Now select the option "Activate Programs".

How to deactivate the programs in a power control module?

In the NEXHO application click on the button "Other Equipment" button and press the option "Programs". Select the zone where you want to deactivate the programs.

Remember that you can select more than one zone with the options "Various Zones", "All" in the upper part of the menu.

Now select the option "Deactivate Programs".

How to personalize or modify the programs of your power control modules?

In the NEXHO application click on the "Other Equipment" button and press the "Programs" option. Select the zones/rooms where you want to personalize the programs. Please keep in mind you can select more than one room/zone in the upper part where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Now select the option "Edit Programs".

Select the days you want to personalize the programs. Remember you can pick more than one day in the options "Various days" or "All" in the menu you will find in the upper part of the screen.

Insert the time when you want the program to begin, the time when you want the program to stop and the command you want in the first timeframe of the programming menu.

Add the time frames you need with the +/- buttons.

In the lower part of the screen you will be able to see a graphic bar in several colors, each color being the different timeframes you have programmed.

Press the button "Save". The power control module is now programmed.

WORKING WITH LIGHT MODULES

How to install a light module in the automation network?



This operation will only be necessary when you are installing light modules. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your light modules from your nexho application.

In the NEXHO application select the “Lights” menu and press the option “Configuration”. If you haven’t deactivated the password request, this will be, by default, “nexho”.

If this is the first light module you install in the zone:

- Select “Add Zone”. Press the blank space where you can read “Name” and introduce the name of the zone where the light module is being located (or any name you want to give to that radiator). Accept and wait until the zone is created.
- Select the option “Add Modules”
- When the screen shows the message “Waiting for the module” press the installation button from your Light Module
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has changed from 0 to 1
- The light module is now ready to be controlled from your NEXHO application.

If you want to install another light module in an existing zone:

- Select “Edit Zone”. Select the zone that you have previously created where you want to install a new light module
- Select the option “Add Modules”
- When the screen shows the message “Waiting for the module” press the installation button from your Light Module
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has increased in one unit
- The new light module is now ready to be controlled from your NEXHO application.

How to delete a light module from the list?

In the NEXHO application, select the menu “Lights” and press the “Configuration” button. If your request for password is not deactivated, the configuration password, by default, will be, “nexho”.

Press the “Delete Zone” button and select the module you want to delete.



Keep in mind that, when changing the name of a zone, this will affect to every module that has been installed in that zone.

How to change light intensity in any given zone/room from the nexho application?

In the NEXHO application select the menu “Lights”. Select the zone/room where you want to modify the light intensity. Remember you can select more than one room/zone in the upper part where it gives you several options: “One Zone”, “Various Zones” and/or “All Zones”.

Press the “100%” or “OFF” button to turn on or off the lights in the selected zone. You can also press “+” or “-” followed by “Modify” to select an intermediate percentage of lighting.

How to activate the programs in a light module?

In the NEXHO application click on the “Lights” button and click the option “Programs”. Select the zone/room where you want to activate the programs.

Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: “One Zone”, “Various Zones” and/or “All Zones”.

Now select the option “Activate Programs”.

How to deactivate the programs in a light module?

In the NEXHO application click on the “Lights” button and click the option “Programs”. Select the zone/room where you want to deactivate the programs.

Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: “One Zone”, “Various Zones” and/or “All Zones”.

Now select the option “Deactivate Programs”.

How to personalize the programs of your light modules?

In the NEXHO application click on the "Light" button and press the "Programs" option. Select the zones/rooms where you want to personalize the programs. Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Now select the option "Edit Programs".

Select the days you want to personalize the programs. Remember you can pick more than one day in the options "Various days" or "All" in the menu you will find in the upper part of the screen.

Insert the time when you want the program to begin, the time when you want the program to stop and the command for the first timeframe of the programming menu.

Add the time frames you need with the +/- buttons.

In the lower part of the screen you will be able to see a graphic bar in several colors, each color being the different timeframes you have programmed.

Press the button "Save". The light module is now programmed.

WORKING WITH BLIND MODULES

How to install a blind module in the automation network?



This operation will only be necessary when you are installing blind modules. This configuration will remain saved even with electric cut outs.



It is necessary to go through this process in order to be able to control your blind modules from your nexho application.

In the NEXHO application select the “Blinds” menu and press the option “Configuration”. If you haven’t deactivated the password request, this will by default “nexho”.

If this is the first blind module you install in the zone:

- Please totally close the blinds, with the ends of the reel cord correctly configured.
- Select “Add Zone”. Press the blank space where you can read “Name” and introduce the name of the zone where the blind module is being located. Accept and wait until the zone is created
- Select the option “Add Modules”
- When the screen shows the message “Waiting for the module” press the installation button from your Blind Module
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has changed from 0 to 1
- Press the manual button to close the blinds and keep it pressed until the blinds are totally up and reach the end of the reel previously installed. Then let go of the button.

- The blind module is now ready to be controlled from your NEXHO application.

If you want to install another blind module in an existing zone:

- Please totally close the blinds with the ends of the reel cord correctly configured.
- Select "Edit Zone". Select the zone that you have previously created where you want to install a new blind module
- Select the option "Add Modules"
- While the screen shows the message "Waiting for the module" press the installation button from your Blind Module
- If all this has been done correctly, in your applications screen you can see that the number of modules installed has increased in one unit
- Press the manual button to close the blinds and keep it pressed until the blinds are totally up and reach the end of the reel previously installed. Then let go of the button.
- The new blind module is now ready to be controlled from your NEXHO application.

How to delete a blind module from the list?

In the NEXHO application, select the menu "Blinds" and press the "Configuration" button. If your request for password is not deactivated, configuration password, by default, will be "nexho".

Press the "Delete Zone" button and select the module you want to delete.



Keep in mind that, when changing the name of a zone, this will affect to every module that has been installed in that zone.

How to open and close a blind?

In the NEXHO application select the menu "Blinds". Select the zone/room where you want to modify the position of any given blind. Remember you can select more than one room/zone in the upper part where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Press the "100%" or "0%" button to open or close the blinds in the selected zone. You can also press "+" or "-" followed by "Modify" to select an intermediate percentage of blind opening.

How to activate the programs in a blind module?

In the NEXHO application click on the "Blinds" button and click the option "Programs". Select the zone/room where you want to activate the programs.

Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Now select the option "Activate Programs".

How to deactivate the programs in a light module?

In the NEXHO application click on the "Blinds" button and click the option "Programs". Select the zone/room where you want to deactivate the programs.

Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Now select the option "Deactivate Programs".

How to personalize the programs of your blind modules?

In the NEXHO application click on the "Blind" button and press the "Programs" option. Select the zones/rooms where you want to personalize the programs. Please keep in mind that you can select more than one room/zone in the upper part where it gives you several options: "One Zone", "Various Zones" and/or "All Zones".

Now select the option "Edit Programs".

Select the days you want to personalize the programs. Remember you can pick more than one day in the options "Various days" or "All" in the menu you will find in the upper part of the screen.

Establish the time and command of the first timeframe in the applications program menu.

Insert the time when you want the program to begin, the time when you want the program to stop and the command for the first timeframe of the programming menu.

Add the time frames you need with the +/- buttons.

In the lower part of the screen you will be able to see a graphic bar in several colors, each color being the different timeframes you have programmed.

Press the button "Save". The blind module is now programmed.

CONFIGURE THE SECURITY MODE

How to modify the security password?

The security password, by default, is "0000".

To change the security password enter the "Configuration" menu in the main screen (depending on the device you are using it may appear as a tool icon or by pressing the menu in the device). If your password request is not deactivated , the configuration password, by default, is "nexho". Press the option "Password" and select the option "Change the security password".

Introduce the old password and press "accept". Introduce the new password and press "accept". Repeat the new password and press again "accept".

The security password has been modified.

How to receive security alarms in your mobile?

Thanks to the Internet Module NEXHO-NT you can receive security messages in your mobile phone free of charge through "PUSH" notifications

To receive these notifications you must fulfill the following criteria:

- You should own a device with the Apple IOS system or an ANDROID device with an active data account. Please check with your phone company to know if you are already subscribed to this data account or to contract it if you want to
- The Wi-Fi router where you have connected the Internet Module NEXHO-NT must be connected to the Internet.

Remember you can use different options to connect yourself to the Internet, not only by cable or ADSL. Please check the options of your phone company to find about the availability of 3G Wi-Fi Routers as a wireless access to the Internet if your house does not support any of the other systems.

Once you pass the previous prerequisites follow the next steps:

- Configure your router to allow connections from your terminal from outside your house through Internet. To accomplish this please check section "HOW TO CONTROL A NEXHO INSTALLATION FROM OUTSIDE THE HOUSE THROUGH INTERNET" in this instruction manual.
- Select the "Configuration" menu in the opening screen of your NEXHO application in your mobile device or TABLET. In some of this application versions it may appear as a tool icon at the top left part of the screen. If this icon does not appear, press the "Menu" button in your terminal. A submenu will come out, now select "Configuration". If your password request is not deactivated, the configuration password, by default, is "nexho".

Press now the "Notifications" button and then press "Activate Push Notifications"

The system is now ready to send security notifications to your device.

How to configure the actions that your system has to take when receiving a potential security breach?

The Internet Module NEXHO-NT allows you to select other elements within the NEXHO system so they can actuate independently, when receiving a notification with a potential security breach.

To do this, in the NEXHO application select the "Scenes" menu and press the option "Configuration". If your password request is not deactivated the configuration password, by default, is "nexho".

Select the option "Configure New Scenes" and in the new menu select "Presence". If your password request is not deactivated the configuration password, by default, is "0000".

Select the modules "Lights", "Blinds" and "Other Equipment" if you want them to activate when an intrusion alarm occurs.

Example: You could select "Other Equipment", an "Alarm" and "On". The system would activate the power control module "Alarm" when this intrusion occurs.

You can configure your intrusion security scene with as many devices as you wish and have installed.

Once you have finished, press the button "Save".

How to activate/deactivate your security mode against intrusions?

In the NEXHO application go to the "Security Systems" menu. Select the zone with intrusion sensors where you want to activate/deactivate the security mode. You can also select the option "Activate sensors in every zone".

Press the intrusion alarm activate/deactivate button in the selected zone. If you have not deactivated it, the security password, by default, is "0000".

Remember when activating the security system, you will have around 45 seconds before the system is loaded, which will give you enough time to leave the premises while the intrusion detector activates.

The system will also give you 15 seconds approx. before activating the security scene or before sending it to your mobile device so you have time to disconnect the security system when entering your house.

How to activate/deactivate your security mode against intrusions from the numeric module?

Press the ON button on the numeric module. Press the "0" digit followed by the security password that you have configured. Now press "0" if you want to deactivate the security mode or press "1" if you want to activate it.

How to configure the actions that your system has to take when receiving a potential flooding alert?

The Internet Module NEXHO-NT allows you to select other elements within the NEXHO system so they can actuate independently, when receiving a notification with a potential flooding alert.

To do this, in the NEXHO application select the "Scenes" menu and press the option "Configuration". If your password request is not deactivated, the configuration password, by default, is "nexho".

Select the option "Configure New Scenes" and in the new menu select "Flooding". If your password request is not deactivated, the password configuration, by default, is "0000".

Select the modules "Lights", "Blinds" and "Other Equipment" if you want them to activate when a flooding alarm occurs.

Example: You could select "Other Equipment", an "Electrovalve for cutting water supply" and "On". The system would activate the power control module "Electrovalve" when this flooding occurs.

You can configure your flooding detection scene with as many devices as you wish and have installed.

Once you have finished, press the button "Save".

How to activate/deactivate the security mode against flooding?

In the NEXHO application go to the "Security Systems" menu. Select the zone with flooding detectors where you want to activate/deactivate the security mode.

Press the flooding detectors activate/deactivate button in the selected zone. If you have not deactivated it, the security password, by default, is "0000".

How to configure the actions that your system has to take when receiving a potential fire alert?

The Internet Module NEXHO-NT allows you to select other elements within the NEXHO system so they can actuate independently, when receiving a notification with a potential fire alert.

To do this, in the NEXHO application select the "Scenes" menu and press the option "Configuration". If your password request is not deactivated, the configuration password, by default, is "nexho".

Select the option "Configure New Scenes" and in the new menu select "Fire". If your password request is not deactivated, the configuration password, by default, is "0000".

Select the modules "Lights", "Blinds" and "Other Equipment" if you want them to activate when a flooding alarm occurs.

Example: You could select "Other Equipment", an "Alarm" and "On". The system would activate the power control module "Alarm" when this fire occurs.

You can configure your fire detection scene with as many devices as you wish and have installed.

Once you have finished, press the button "Save".

How to activate/deactivate the security mode against fires?

In the NEXHO application go to the "Security Systems" menu. Select the zone with Fire or smoke detectors where you want to activate/deactivate the security mode.

Press the flooding detectors activate/deactivate button in the selected zone. If you have not deactivated it, the security password, by default, is "0000".

What is an scene?

An scene is a group of orders to the system all under one name that allow to, when activated, create a determined situation when mixing several NEXHO modules installed in your house.

Example: Lets imagine we create an scene called "MOVIE". We can configure this scene so when we choose it, for example, the blinds of the living room go down, the lights go down to a 30% of intensity, the heating goes up to 21°C and the power control module connected to a Home Cinema goes on.

How to create an scene?

Select the menu "Scenes" and press the "Configuration" button. If your password request is not deactivated, the configuration password, by default, is "nexho".

Select the option "Configure New Scenes" and in the next menu select "General".

Click the white box in order to introduce the name you want to give to this scene.

Select the modules "Lights", "Blinds" and "Other Equipment" that you want to activate when you want to execute this scene.

Example: To create the scene "MOVIE" that we have previously explained, introduce the name "MOVIE" in name configuration box. Select "Heating", "living Room" area and choose 21°C. After this select "Blinds", pick the

“Living Room” and select “0%”. Finally go to “Other Equipment” in the menu, select “Home Cinema” and make sure its “On”.

You can configure your scene with as many modules you want and have installed.

Once you have finished press the “Save” button.

How to activate one scene?

Select the “Scenes” menu and pick the scene you want to activate.

Press the “Activate” button.

How to change a general or a security scene?

Select the “Scenes” menu and press the option “Configure”. If your password request is not deactivated, the configuration password, by default, is “nexho”.

Select the option “Edit configured scenes” and in the next menu select the scene you would like to change.

Select now the actions you have already configured and that you wish to eliminate and confirm its elimination.

If you want to add new actions to this scene, just do it normally as if you were creating a new scene.

Once you have finished press the “Save” button.

How to delete a general or a security scene?

In the NEXHO application, select the menu "Scenes" and press the "Configuration" button. If your request for password is not deactivated, the configuration password, by default, is "nexho".

Press the "Delete Configured Scenes" button. In the next menu select the scene you want to delete and confirm its elimination.

WORKING WITH ASSOCIATIONS

Why associate?

The Internet Module NEXHO-NT allows you to associate different elements within your system, making some devices operate independently after receiving orders from other devices.

For example we can associate the lights from an area in your house which would go on when the presence detector in that area is working and detects movement. Another association would be, at the same time the presence detector detects movement in the house, the radiators can go on and start working at any given temperature.

How can we associate?

To associate the functioning of one device after the signal of other device within the system, select the equipment (module) you want to associate: "Lights", "Blinds", "Sockets", "Scenes" or "Heating".

Press the "Configuration" button. If your request for password is not deactivated, the configuration password, by default, is "nexho".

Press the "Edit Zone" button and select the zone you want to associate. The application will remain in a waiting mode until you take the following step.

Press the installation button of one of the next modules you can associate and you want to use as the starting point of the association:

- Presence detector
- Fire detector
- Flooding detector

- Multifunction Remote (Nexho-MT). We will then be able to associate actions to any of the four available buttons
- Numeric Module NEXHO-NM. We will then be able to associate actions to the existing buttons numbered from 1 to 9
- Blind Modules. We can associate actions to the two cabled Wall switches. The blinds module will now be configured as an association element so you won't be able to control it from here as a normal blind module
- Power control module. We can associate this to a cabled wall switch. The power control module will now be configured as an association element so you won't be able to control it from here as a normal power control module.

Select the action you want to happen when the signal of the activating element you have chosen activates. Depending on the module you have chosen as starter of the association you can then choose one, two, four or nine actions to associate. If the equipment you have chosen has various switches, you will be able to pick those you want to associate with this action

You can add several different associations to each equipment, in the same switch or in other ones you have not used.

Depending on the element you have associated, the application will ask you if you want to configure a delayed period of time. If you pick this option, the equipment will activate during that amount of time when receiving the activation signal, to then revolve to its previous state.

How to make work during certain hours a day, an association of light modules?

You can configure an association in a Lights zone so it only Works for a few hours a day; for example you can associate lights to a presence detector but you don't want this to activate during the day

Remember that, if you program it for the times of the associations, you won't be able to maintain any other program previously saved in the Lights Module and vice versa.

In the NEXHO application, select the menu "Lights" and press the option "Programs". Select the zone where you want to personalize the programs. Remember that you can select more than one zone with the options "Various Zones", "All", from the top part of the menu.

Now select the days you want to note the times of associations. Remember that you can select more than one day in the options "Various days" or "All" in the top part of the menu

Introduce the starting time, ending time and the command for the first timeframe of the application program.

Add as many timeframes as you consider with the "+" and "-" buttons.

In the lower part of the screen you will be able to see a graphic bar in several colors, each color being the different timeframes you have programmed.

Press the button "Save". The association time frames for the Light module are now programmed.

It has been impossible to connect with X of the X modules installed in X

If, on sending an order by means of the NEXHO application a message comes up on screen that reads "It has not been possible to communicate with X of the X installed equipments" followed by a zone, the Internet Module was not able to communicate with one of the equipments in the area in question.

Possible causes are:

- One of the pieces of the equipment in this area has been disconnected. Reconnect it and try to send the message again.
- Check that all modules have been correctly installed in the automation network. Select the type of equipment that is giving you problems ("Heating", "Lights", "Blinds", ...) and press the option "Configure". If you don't have deactivated password request, the configuration password, by default, is "nexho".

Select "Edit Zone", select the zone that is giving you problems and check that the number of installed modules is the same as the real number of modules installed in that area. If the number does not match, delete the zone and reinstall the modules that belong to that zone.

Some of the modules could be too far away from the Internet module. Try if possible to locate the Internet module in a central part of the house so the distance with the modules is the minimum possible. Check that the rest of the modules in your house are connected. Due to legal restrictions, the range of the Internet module is limited, therefore the possibility exists that you have to use other equipments installed in the middle to act as a repeater, such as the XP radiators, Power control modules, Light modules and/or blind modules. If you have any of these available keep all of them connected.

Impossible to connect with the internet module

When starting up, the application does not connect with the Internet module.

Possible causes are:

- The Internet module is disconnected. Check that only the green light of the Internet module is on.
- The RJ45 cable is not correctly connecting the NT module with the router. Check that the red light is not on and that the connection of the network cable and the router is done through the "data out" port and not the "Data in"
- The router does not have internet connection and the device with the NEXHO application is not connected to the local Wi-Fi.
- The router has internet connection, but the device with the NEXHO application is not connected to the local Wi-Fi and does not have internet access.
- The device does have internet connection and the same goes for the router, but it's trying to connect to your house through internet and you have not correctly configured the router to connect outside the local network. Check the section HOW TO CONTROL A NEXHO INSTALLATION FROM OUTSIDE YOUR HOUSE THROUGH INTERNET? in this manual.

TECHNICAL DETAILS

NEXHO-NT	
Input voltage	230 VAC (50-60 Hz)– 5 V (CC)
Operating voltage	3,3 V
Operating consumption	40 mA
Max operating consumption	1A

Care and maintenance

The NEXHO-NT does not need any special maintenance care. Only a few small instructions need to be followed as regards preservation:

- Clean the Remote's casing with a slightly damp cloth.
- Do not use abrasive chemical products when cleaning the NEXHO-NT.



GUARANTEE CONDITIONS

Farho guarantees the proper and correct operation of the appliance for 2 years from the date of purchase, as long as it is used for the domestic purposes for which it has been manufactured

FARHO may, at its own discretion, require the customer to ship the unit back to the factory for diagnosis before making a determination as to whether it is covered by this warranty. Shipping costs to the FARHO factory (including but not limited to, freight, insurance, customs fees and taxes, and any other expenses) will be the responsibility of the customer.

If it is determined that the new product defect is covered by the warranty, FARHO will repair, or substitute the product at its own discretion to the customer at no charge.

Warranty is limited to the repair or substitution of the product.

FARHO warranty does not cover:

1. Improper installation, connection, operation, maintenance, and/or storage,
2. Minor defects not interfering with the operation of the product, possible indemnities, misuse or improper usage
3. Abnormal or unusual operating conditions or application outside the specifications for the product
4. Application in any way different from that for which the products were designed,
5. Repairs or alterations performed by individuals other than FARHO employees or an authorized representative
6. Breakdowns provoked by atmospheric or geological phenomena (frost, storms, rains, etc.) as well as those arising from inappropriate voltage.
7. Parts or components that have received knocks during carriage or the fitting operation.

8. Cleaning operations of the appliance, or parts thereof, provoked by dirt, grease or other circumstances related to the premises where the appliance has been fitted.

The seller will have the property of parts replaced.

Any other type of compensation is excluded, and no other type of claims, direct or indirect (including third parties) will be accepted, even in the cases where there is a lack of replacement for any given period of time.

Any other expense or related costs such as (labor, transport, food/hotel allowance, product assembly, disassembly, etc) will be paid by the buyer. It will be FARHO's responsibility the cost of parts replaced and the time required for the replacement.

This clause is not intended to limit the liability of the manufacturer in a manner contrary to the provisions of the applicable national law nor to exclude its liability for matters that, under those rules may not be excluded.

The buyer waives the guarantee provided for in this Article, in the case of failing to meet at least one of their contractual obligations, particularly with respect to payment terms.

Any warranty repairs in or out of warranty, must be claimed in writing by the purchaser to the company FARHO.

As regards to the parts replaced or repaired, and only for them, the warranty period has a new beginning and expires three months after completion of the intervention of replacement or repair.

In the case where FARHO is responsible for defective products, the compensation may not exceed the amount of the purchase price of such defective products.

In any case, the company FARHO assumes no responsibility for indirect damages, including, for example, loss of customers, sales, production, profits, image, including damages to the buyer resulting from potential actions brought against third parties.

ANY PROBLEM WITH YOUR
NEXHO PRODUCT
WILL ONLY BE ATTENDED
BY THE DISTRIBUTOR IN
YOUR COUNTRY

(ALTERNATIVELY YOU CAN CONTACT OUR
FACTORY IN SPAIN ventas@farho.com)

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NEXHO SYSTEM FOR HOME COMFORT
NEXHO-NT

Distributed by:

Purchase date: of 20.....

FITTER:

Name: Town/City:

Home address: Telephone:

USER: Name: Town/City:

Home address: Telephone:

In service:

No. Fitter's stamp

To be completed by the fitter



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