genexis

Home

CX30
Installation Guide

Installation guide

Box contents
- Genexis Home CX30
- Power adapter
- Network cable

1. Unpack the box and place the Home CX30 on a flat surface.

Warning: Do not cover the device with anything because this will interfere with the ventilation of the Home CX30.

Operating temperature 0°C ~ 40°C

PLEASE READ THIS PRODUCT GUIDE AND SAFETY INSTRUCTIONS BEFORE INSTALLING OR USING THE PRODUCT. AS RECIPIENT OF THE PRODUCT, YOU ARE RESPONSIBLE TO GET FAMILIAR WITH THE PRODUCT GUIDE AND SAFETY INSTRUCTIONS BEFORE USING THE PRODUCT. CONTACT YOUR SERVICE PROVIDER IN CASE OF ANY QUESTIONS.

Setting up your Home device(s)

This installation guide is for installing the Home CX30 as a wireless or wired extender. This guide covers the following set up scenarios:

- Home CX30 as a wireless extender behind an Aura E650 or an Elite HX30
- Home CX30 as a wired extender behind an Aura E650 or an Elite HX30

Home CX30 as a wireless extender behind an Home E650 or an Elite HX30

1. Place the Home CX30 as described on the next page.
2. Connect the supplied power adapter to the Home CX30 and plug the adapter into a power socket.
3. Push the ON/OFF switch at the back of the device to turn it on.
4. Wait until the Status LED starts blinking green.
5. On the Home CX30, press and release the WPS button once. The status LED will start blinking blue.
6. Press the WPS button on the Elite HX30 router or Aura E650 within two minutes.
7. Automated pairing is now started.
8. The Status LED turns solid blue indicating that pairing of the Home CX30 extender with the router is successful. The Home CX30 will automatically reboot after automated pairing; this may take up to several minutes.
9. Wait until the Status LED stops blinking and turns solid green.
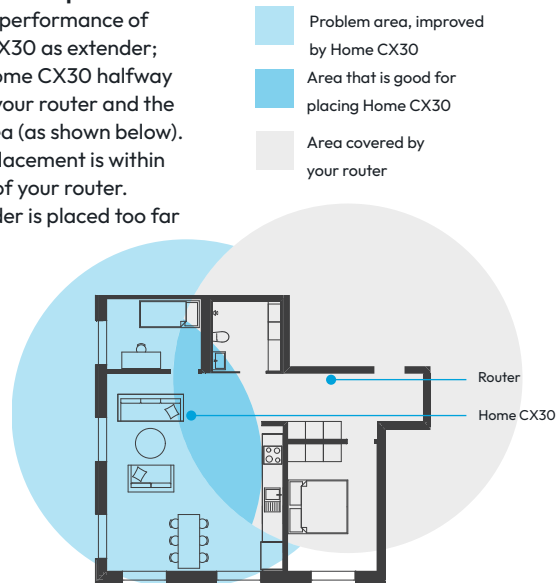
Your Home CX30 is now set up

as a wireless extender behind your Aura E650 or Elite HX30.

Wireless extender placement

For optimal performance of the Home CX30 as extender; place the Home CX30 halfway in between your router and the problem area (as shown below). Make sure placement is within WiFi range of your router. If the extender is placed too far away, it cannot connect to the router.

Problem area, improved by Home CX30

Area that is good for placing Home CX30

Area covered by your router

Router

Home CX30

Home CX30 as a wired extender behind an Elite HX30 or an Aura E650

1. Place the Home CX30 close to the problem area while still in reach of a network cable.
2. Connect a network cable between the WAN port (red port) of the Home CX30 extender you are placing and the LAN port (yellow port) of the Elite HX30 or Aura E650.
3. Connect the supplied power adapter to the Home CX30 and plug the adapter into a power socket.
4. Push the ON/OFF switch at the back of the Home CX30 to turn it on.
5. Wait until the Status LED stops blinking and turns solid green, the Home CX30 will automatically reboot during the setup; this may take up to several minutes).
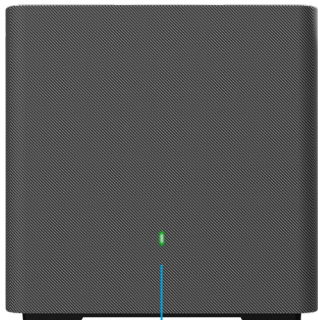
Your Home CX30 is now setup as a wired extender behind an an Elite HX30 or an Aura E650.

Connecting to the wireless network

You can connect your personal device to the WiFi network by scanning the QR-code on Aura E650 or Elite HX30. You can also connect your personal device to the WiFi network via manual pairing. Use the WiFi network name and WiFi key printed on the label of the Aura E650 or Elite HX30.

1. Perform a search of available wireless networks on your personal device.
2. Select the WiFi network name printed on the label.
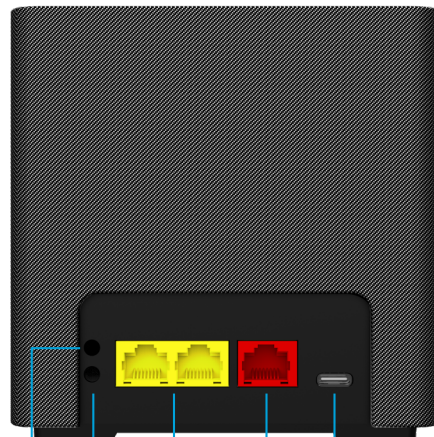3. Enter the WiFi key printed on the label.

LED overview

Status LED
Green – system is operational ready
Green (blinking) – no broadband connectivity
Yellow – system startup or WiFi OFF
Yellow (blinking) – system is not ready yet
Blue – automated pairing successful
Blue (blinking) – automated pairing in progress
Red – system / booting failure
Off – power off

Port overview

Reset button (recessed)
Reboot – press and release once
Factory reset – press and hold until the Status LED starts fast blinking green

WPS
Reset
LAN 1-2
WAN
Power

Support

Is the Status LED solid red?
Contact your service provider.

Is the Status LED solid yellow?
The WiFi of the Home CX30 is turned OFF. Please turn the WiFi ON as described in this installation guide.

Is the Status LED not solid blue after automated pairing (WPS)?
Automated pairing (WPS) between the Home CX30 and router or personal device failed. Please follow the instructions again to setup the Home CX30 as a wireless extender or connecting your personal device to the wireless network. It might be helpful to move the Home CX30 closer to your router.

Is the Status LED blinking green for 5 minutes?
Connection between the router and the Home CX30 is not stable. Please check the cable connection with the router or move the Home CX30 closer to the router.

Is the Status LED blinking yellow?
The Home CX30 is being upgraded with new software. Please wait until the Status LED turns solid green again.

Is the Status LED solid red?
Contact your service provider.

Return the Home CX30 to factory default settings
With the reset button you can reset the Home CX30 to its factory default settings. You can press this button with a small pin or paperclip.
1. Press and hold the reset button until the Status LED starts fast blinking green.
2. Wait until the Status LED turns solid green again.

Your Home CX30 is now ready to be installed as previously described.

Safety guidelines

- Use the following safety guidelines to ensure your own personal safety and to help protect your product from potential damage. To the extent permissible by applicable law, failure to follow these guidelines could result in damage to your product, which might not be covered by Genexis warranty.
- To reduce the risk of injury, electrical shock, and fire observe the following precautions:
- Operate the product only from the type of external power source indicated on the electrical label of the power supply.
- Use only the power adapter supplied with the product. In case of malfunctioning contact your service provider for replacement.
- The electrical socket-outlet should be easily accessible to contain the power adapter. The plug must be fully inserted in the electrical socket-outlet with no part of the blades exposed.
- Observe extension cords and power strip ratings. Make sure that the total ampere rating of all products plugged into the extension cord or power strip does not exceed 80 percent of the ampere ratings limit for the extension cord or power strip. Check the extension cords and power strips regularly. If they are damaged, replace them immediately.
- Do not push any unintended objects into the openings of your product. Doing so can cause fire or electrical shock by shorting out interior components.
- Do not open or try to open the product. Opening or removing the covers can expose you to electrical shock. Genexis recommends that only a trained technician services components inside these compartments.
- Do not install or use the product during a lightning- or thunderstorm. There is a remote risk of electric shock from lightning.
- This product contains a Class 1 laser that emits invisible light. Do not look directly into the optical port without any eye protection when powered on.
- To reduce potential damage to the equipment, observe the following recommendations:
- This product is designed for indoor use only in a temperature controlled (32-104°F) and humidity-controlled (5-95% relative humidity) environment.
- Do not service any product but contact your service provider.
- When placed vertically mount the product stable to a flat surface using applicable screws and plugs. Do not place any objects on top of the product which may damage the product.
- Place the product and cables out of reach of pets. They could damage them and cause injury or electrocuting.
- If any of the following conditions occur, unplug the product from the electrical outlet and replace the part or contact your service provider:
- The power adapter or power cable is damaged.
- The network cable or optical cable is damaged.
- An object fell onto the product.
- The product was exposed to water.
- The product was dropped or damaged.
- The product does not operate correctly when you follow the operating instructions.
- Keep your product away from radiators and heating sources and do not block cooling vents. Prevent installing the product in direct sunlight. Blocking the ventilation holes may cause fire due to overheating.
- Do not spill food or liquids on your product, and never operate the product in a wet or steam environment. Do not touch the product or its power adapter with wet hands. If the product gets wet, unplug the product from the electrical outlet and contact your service provider. Any liquid could have damaged interior components causing a shortcut in the product.
- Do not use liquid, aerosol cleaners or any harsh chemicals to clean the product. Unplug the product and use a soft, dry cloth for cleaning the product.
- Position power cables, network cables and optical cables carefully. Route cables so that they cannot be stepped on or tripped over. Be sure that nothing rests on any cables.
- When connecting an electronic device to the product, make sure to use the recommended network cable and connect the device to the right port of the product. Incorrect connections may damage the device and/or the product.

EU Declaration of Conformity

Hereby, Genexis Netherlands B.V. declares that the Home CX30 product is in compliance with Directive 2014/53/EU, Directive 2009/125/EC, Directive 2011/65/EU and Delegated Directive 2015/863, Directive 2019/882/EU.

The full text of the EU declaration of conformity is available at the following internet address:
https://genexis.eu/product/home-CX30/#downloads

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Name and title of authorized person

Maarten Egmond, CTO

Signature of authorized person

Place of issue

Eindhoven

The Netherlands

Date of issue

2025-08-12

Frequency bands and maximum radio frequency power transmitted

The Home CX30 operates in the frequency bands of 2,4 Ghz and 5Ghz.
The maximum radio frequency power transmitted in these bands is:
· 20 dBm (100 mW) (EIRP) for the 2400 MHz – 2483.5 MHz band
· 23 dBm (200 mW) (EIRP) for the 5150 MHz – 5350 MHz band *
· 30 dBm (1000 mW) (EIRP) for the 5470 MHz – 5725 MHz band
* In EU, 5150 – 5350 MHz is restricted to indoor.

CE

At Genexis, we strive for **a more sustainable future** with our devices.

90% recycled
plastics used
in this device.

Energy-efficient
to save both energy
and costs for you.

Designed to last
for a second life if
treated carefully.

Something you
can do!