



FiberTwist

XGS2420

Installation Guide

Installation guide

Box contents

- Genesis FiberTwist (active device)
- Power adapter
- Labels (self-adhesive)

Label position

The product label is positioned on the bottom of the active device. The relevant device information is also listed on the additional labels included in the giftbox.

Preparation

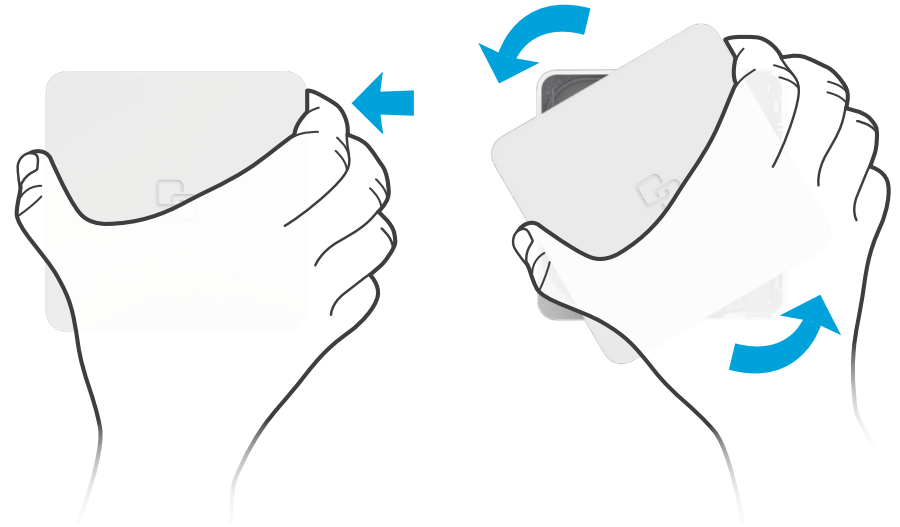
Ensure there is a power socket within reach of where the device is being installed.

Important: Instructions need to be followed precisely and uninterrupted. This minimizes the risk of damage to the fiber optic connectors, causing a severe degradation of signal quality.

Warning: Do not cover the device, this will interfere with the ventilation. Ambient Operating Temperature: 0°C ~ 45°C

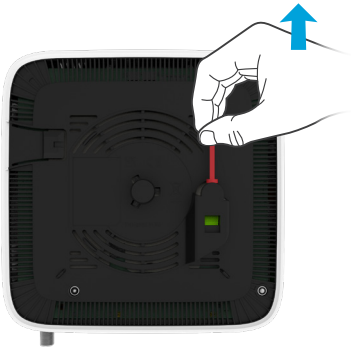
Remove Blind Cover (if present)

1. Press and hold the unlock button (on the right side of the Blind Cover).
2. Rotate the Blind Cover counterclockwise till it blocks.
3. Remove the Blind Cover from the baseplate (FTU) by pulling it towards yourself.
4. Store the Blind Cover in a safe place.



Remove dust cap

1. Take the FiberTwist out of the box.
2. The dust cap is connected to the red string located on the rear of the FiberTwist.
3. Remove the dust cap by pulling the red string.
4. Store the dust cap in a safe place.



Twist!

1. Place the FiberTwist on the FTU/Bracket as shown in the picture below.
2. Rotate clockwise until it clicks into place.
3. Make sure the FiberTwist is aligned squarely on the FTU/Bracket.

Your FiberTwist is now installed!



Connecting the FiberTwist

1. If required, connect your television / set-top box to the TV port with a coax cable.
2. Connect your gateway to the LAN (10GE) port via an RJ45 network cable. A CAT6 cable or better is recommended.
3. Connect the supplied power adapter to the FiberTwist and plug the adapter into a power socket.
4. Press the ON/OFF button to power on the device.

If at some point in the future it becomes necessary to uninstall the FiberTwist, please place the Blind Cover back on the FTU/Bracket immediately and put the dust cap back on the FiberTwist.

Warning: This product contains a laser that emits invisible light. It is a Class 1 Consumer Laser product according to EN 50689:2021, which means it is safe under all conditions of normal use. However, it is still advised to not look directly into the fiber connector when the product is powered on.

LED overview



Power

- Green – system ok
- Green (blinking) – booting
- Red – system or booting failure
- Red (blinking) – insufficient PON signal
- Off – power off

Uplink

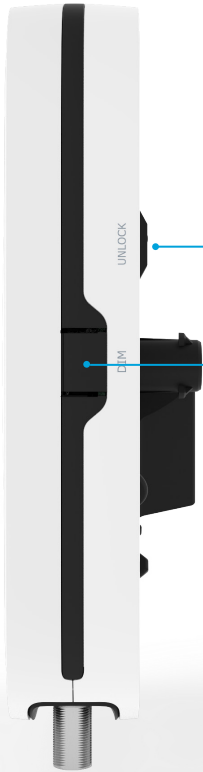
- Green – link ok
- Green (blinking) – link establishing
- Off – no link

Power + Uplink

- Green (blinking) – firmware upgrade

TV

- Green – TV service ok
- Green (blinking) – TV enabled, signal not in range
- Off – no TV service



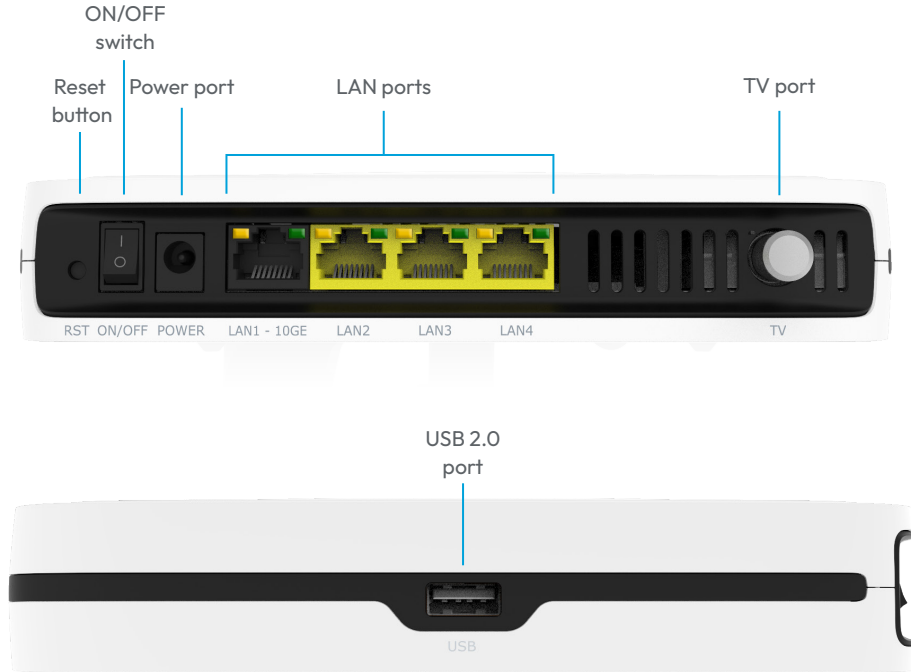
Unlock button

Remove FiberTwist XGS2420 – press and hold while twisting counterclockwise

LED dim button

Dim LEDs – press and release repeatedly to dim LEDs

Port overview



Reset button (recessed)

Reset – press and release
Factory reset – press and hold the button until System and Uplink LED start to blink

ON/OFF switch

Switch ON – flip the switch to ON
Switch OFF – flip the switch to OFF

EU Declaration of Conformity

Hereby, Genexis Netherlands B.V. declares that the radio equipment type FiberTwist XGS2420 is in compliance with Directive 2014/53/EU, Directive 2009/125/EC, Directive 2011/65/EU and Delegated Directive 2015/863.

The full text of the EU declaration of conformity is available at the following internet addresses:
<https://genexis.eu/product/fibertwist/red/fibertwist-xgs2420>

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Signature of authorized person



Place of issue

Eindhoven
The Netherlands

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2021-11-24

People deserve fiber.

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