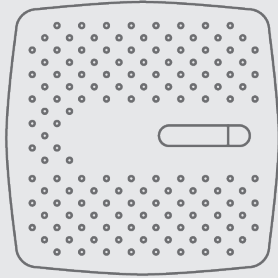


FTTdp NETWORK TERMINATION DEVICE

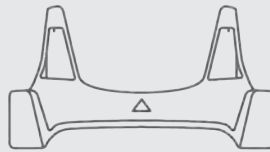
NDD-0305-01



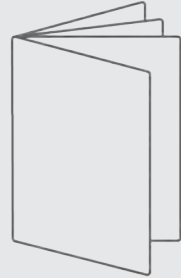
Package Contents



1 x FTTdp Network Termination Device



1 x Desktop stand



This Quick Start Guide

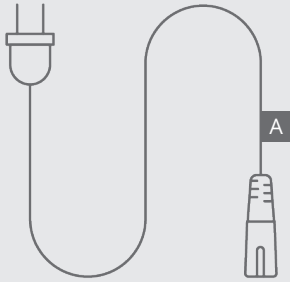
Welcome

This quick start guide is designed to get you up and running quickly with your new broadband service and guides you through the process of connecting the FTTdp Network Termination Device (NTD).

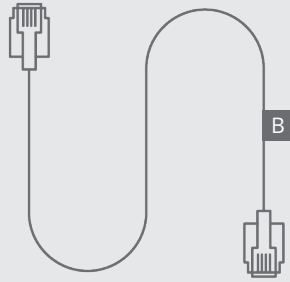
The NTD is installed inside your premises and has two functions:

Provide power to allow connectivity

Connect you to the Internet and provide a connection point for a Wi-Fi gateway.



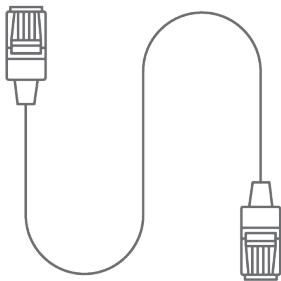
1 x Power cord



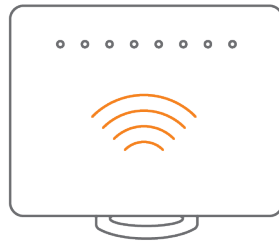
1 x Telephone cable*

Other equipment required

(supplied by you or your internet provider)



Ethernet cable



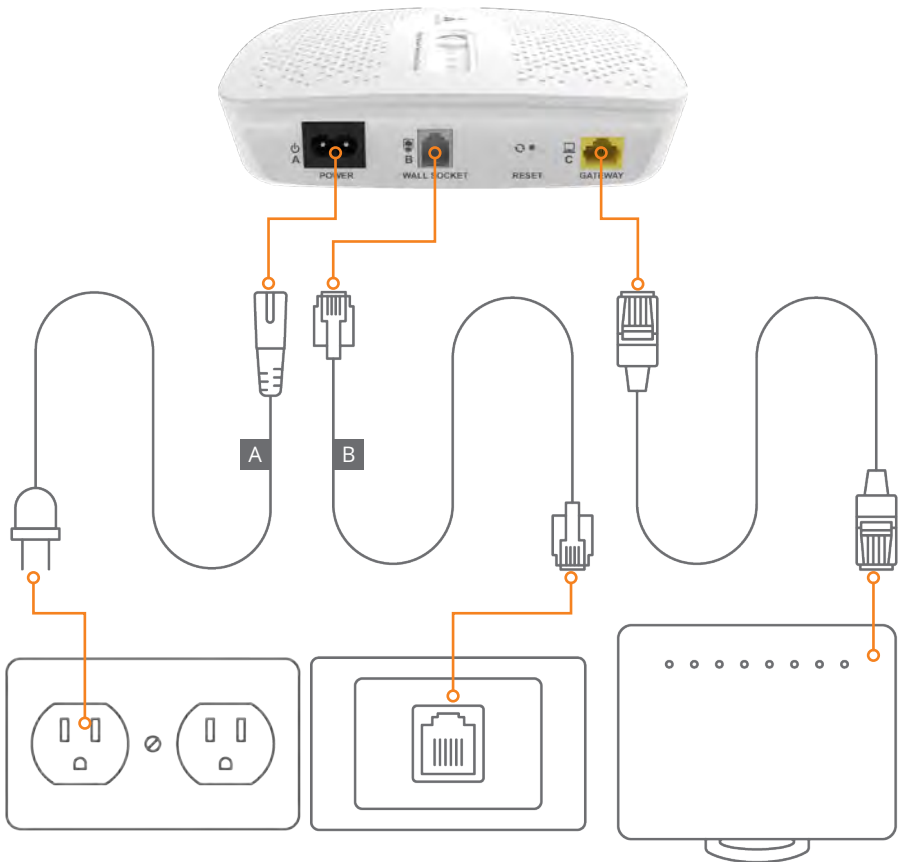
Wi-Fi Gateway

* connects to telephone wall socket

Note: Your equipment may differ from those shown here.

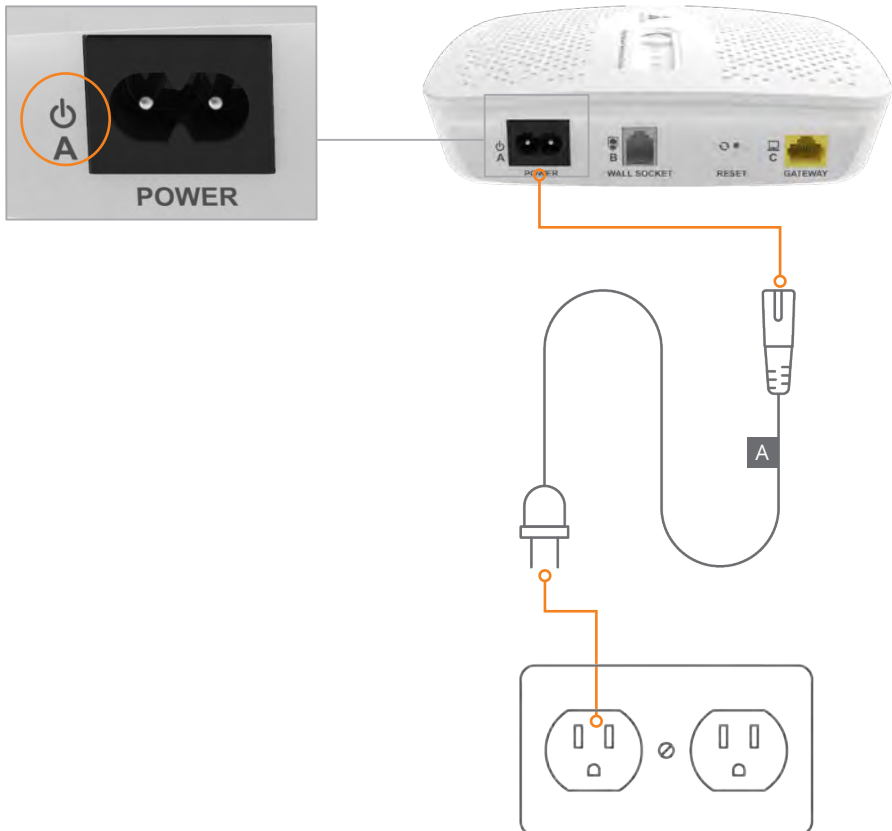
Connecting to your new broadband service is easy

The following pages describe step-by-step how to set up your Fiber to the Distribution Point (FTTdp) connection. To start, here's an overview of how your connection may look when set up.



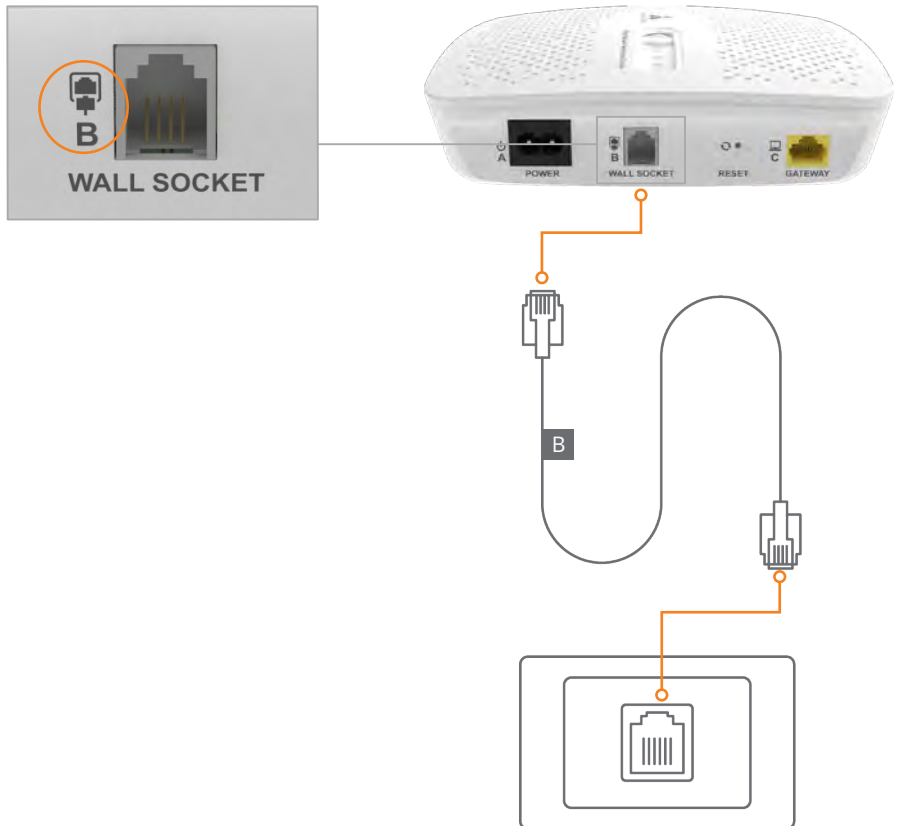
1. Power your NTD

Take the supplied power cord and plug it into the port labelled A on the NTD, then plug the other end into a nearby power outlet. Switch on the power outlet (if required). The power indicator displays in solid blue to indicate the unit is correctly powered.



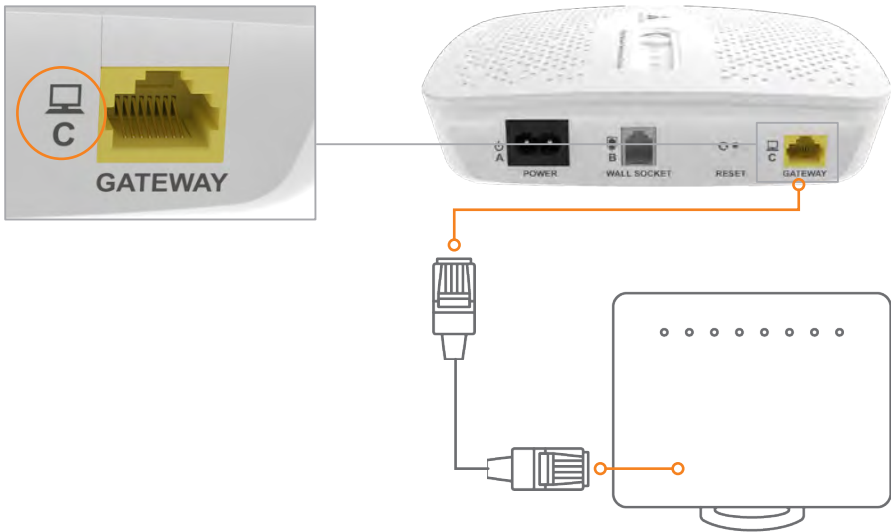
2. Connect your NTD

Plug the telephone cable supplied with your NTD into the port labelled **B** and the other end into your telephone wall socket. Wait for the DSL indicator to display in solid blue. This may take up to ten minutes. Do not unplug the unit during this time.



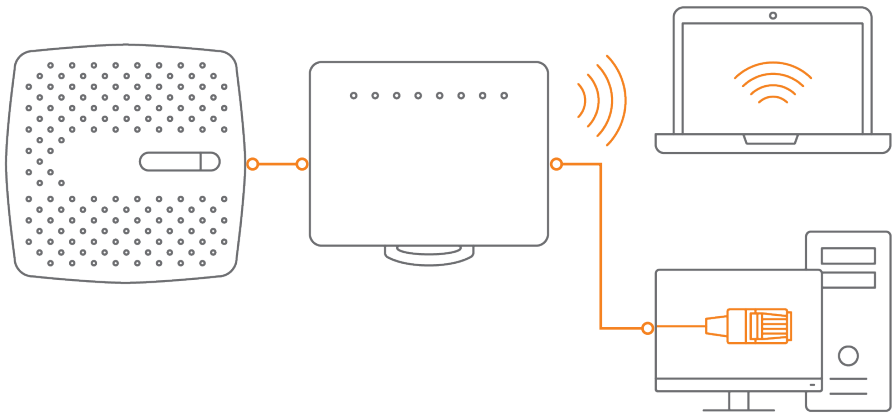
3. Connect your own or your provider's gateway

Plug the Ethernet cable supplied with your own or your provider's Wi-Fi gateway into the port labelled **C** on your NTD then connect the other end into the correct port of your Wi-Fi gateway (usually the WAN port).



4. Connect your other equipment

Connect your other equipment to your Wi-Fi gateway with Ethernet cables or via Wi-Fi.



5. Mount the NTD

USING THE DESKTOP STAND

To save desk space and to improve cooling, place the NTD into the Desktop stand in the orientation shown below.



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FTTdp Network Termination Device

MOUNTING THE NTD FLAT ON A DESKTOP

The NTD may be placed flat on a desktop without the use of the stand.



MOUNTING THE NTD ON A WALL

If you wish to mount the NTD on a wall, you can hang it via the slots on the back using two 8 gauge, self-tapping screws. When mounted on a wall, do not mount it higher than 6 feet from the ground.



Indicators



LAN



DSL














RPF Link



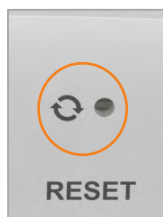
Power

LED NAME	ICON	COLOUR	STATUS	DESCRIPTION
Power			Off	Powered off
		 Blue	On	The NTD is powered on
RPF Link			Off	Not connected
		 Blue	Blinking one time per second	Start up phase. This can last up to 5 minutes
		 Blue	On	Connected and power feed active
		 Red	Blinking one time per second	Line fault – short circuit or overcurrent
		 Red	Blinking four times a second	Line fault – foreign voltage detected
		 Red	On	Line fault – RPU overheated
		 Blue / Red	Blinking one time per second, alternating colours	Line fault – off-hook telephone detected, find and disconnect telephone

LED NAME	ICON	COLOUR	STATUS	DESCRIPTION
DSL			Off	DSL Link is down
		 Blue	Blinking one or two times per second	Synchronisation in progress
			On	DSL Synchronised
		 Blue	Blinking three times per second	Software update in progress
LAN			Off	No Ethernet connection
		 Amber	On	Connected but not at 1000 Mbps Full Duplex
			On	Connected at 1000 Mbps Full Duplex
		 Amber	Blinking three times per second	Data transfer but not at 1000 Mbps Full Duplex
		 Blue	Blinking three times per second	Data transfer at 1000 Mbps Full Duplex

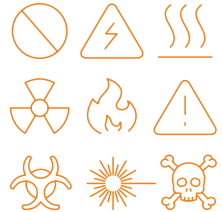
Restarting the NTD

The NTD can be restarted by using a paperclip or other similarly-shaped object to press the reset button on the back panel.



Safety and Product Care

Electrical safety



ACCESSORIES

Only use approved accessories.

Do not connect with incompatible products or accessories.

PRODUCT HANDLING

You alone are responsible for how you use your device and any consequences of its use. Use of your device is subject to safety measures designed to protect users and their environment.

- Always treat your device and its accessories with care and keep it in a clean and dust-free place.
- Avoid exposing the device to direct sunlight for prolonged periods.
- Do not expose your device or its accessories to open flames or lit tobacco products.
- Do not expose your device or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your device or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your device or its accessories.
- Do not attempt to disassemble your device or its accessories, only authorised personnel must do so.
- Do not use or install this product in extremely hot or cold areas. Ensure that the device is installed in an area where the temperature is within the supported operating temperature range (0°C to 40°C)



- Do not use your device in an enclosed environment or where heat dissipation is poor. Prolonged use in such space may cause excessive heat and raise ambient temperature, which will lead to the automatic shutdown of your device for your safety. To use your device normally again after such shutdown, cool it in a well-ventilated place before turning it on.
- Do not operate the device where ventilation is restricted.
- Do not use or install this product near water to avoid fire or shock hazard. Avoid exposing the equipment to rain or damp areas.
- Arrange cables in a manner such that they are not likely to be stepped on or have items placed on them.
- Ensure that the voltage and rated current of the power source match the requirements of the device. Do not connect the device to an inappropriate power source.
- Please check local regulations for disposal of electronic products.

DEVICE HEATING

Your device may become warm during normal use.

CHILDREN

Do not leave your device and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the device.

FAULTY AND DAMAGED PRODUCTS

Do not attempt to disassemble the device or its accessories.

The device and its accessories do not contain any user-serviceable components.

Only qualified personnel must service or repair the device or its accessories.

If your device or its accessories have been submerged in water, punctured or subjected to a severe fall, immediately cease using them.

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FTTdp Network Termination Device

FCC Regulatory Information

Product: FTTdp Network Termination Device, Model: NDD-0305

COMPANY CONTACT DETAILS

Name: Casa Systems, Inc.

US address: 100 Old River Rd, Andover, MA 01810, USA

Website: <https://www.casa-systems.com/contact-us/>

FCC Statement

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.

This device 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:

- Reorientate 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Part 68

This equipment complies with Part 68 testing requirements.

Create | Unlock | Disrupt

MPRT-00030-000 Rev9 - NDD-0305-01 QSG

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