

Wired / Wireless Internet Fiber Router

FRT-401 / FRT-401S15 / FRT-405

FRT-401N / FRT-401NS15 / FRT-405N

Quick Installation Guide

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1. Package Contents

- FRT-40x / FRT-40xN Series Unit x 1
- Power Adapter x 1
- User's Manual CD x 1
- Quick Installation Guide x 1
- Antennas x 2 (For wireless models)

If any of above items are damaged or missing, please contact your dealer immediately.

2. Overview

FRT-401 / FRT-401S15 / FRT-405

Front Panel



FRT-401 / FRT-401S15

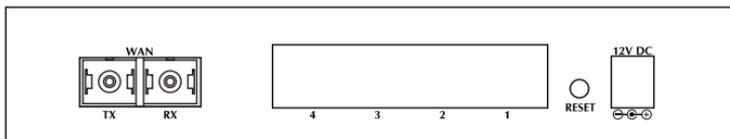


FRT-405

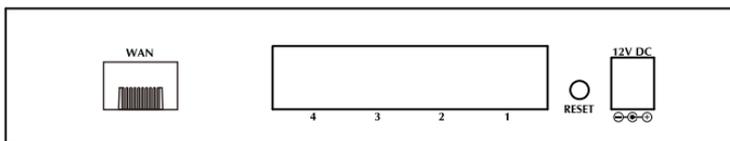
Front Panel LED definition

LED	State	Description
PWR	ON	When the router is powered on, and in ready state.
	OFF	When the router is powered off.
WAN	Flashing	Data is being transmitted or received via the fiber connection.
	ON	The optical fiber connection connected successfully.
LAN1-4	Flashing	Data is being transmitted or received via the corresponding LAN port.
	ON	The port is up.

Rear Panel



FRT-401 / FRT-401S15



FRT-405

Rear Panel Port and Button Definition

Connector	Description
12V DC	Power connector with 12V DC, 1.0A
RESET	Press more than 3 seconds for reset to factory default setting.
LAN (1-4)	Router is successfully connected to a device through the corresponding port (1, 2, 3, or 4). If the LED light of LNK/ACT is flashing, the Router is actively sending or receiving data over that port.
WAN	One Fiber-optic Interface, SC or SFP connector-type

FRT-401N / FRT-401NS15 / FRT-405N

Front Panel



FRT-401N / FRT-401NS15



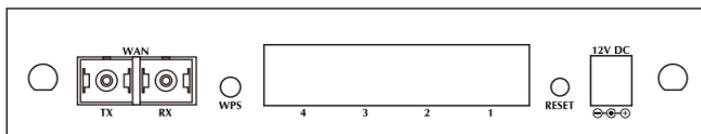
FRT-405N

Front Panel LED definition

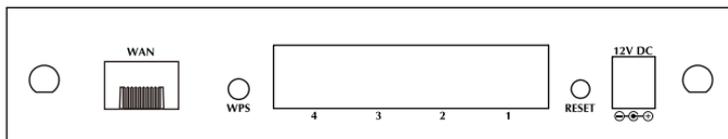
LED	State	Description
PWR	ON	When the router is powered on, and in ready state
	OFF	When the router is powered off
WPS	ON	WPS client registration is successful
	Flashing	WPS client registration window is currently open
	OFF	WPS is not available, or WPS is not enabled or initialized
WLAN	ON	WLAN radio is on
	Flashing	Data is being transmitted through WLAN
	OFF	WLAN radio is off
Security	ON	Enable WLAN encryption
	OFF	Disable WLAN encryption
WAN	Flashing	Data is being transmitted or received via the fiber connection
	ON	The optical fiber connection connected successfully

LAN1-4	Flashing	Data is being transmitted or received via the corresponding LAN port
	ON	The port is up

Rear Panel



FRT-401N / FRT-401NS15



FRT-405N

Rear Panel Port and Button Definition

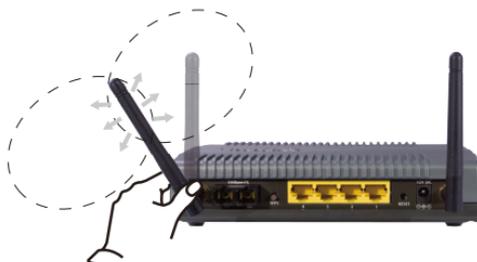
Connector	Description
12V DC	Power connector with 12V DC, 1.0A.
RESET	Press more than 3 seconds for reset to factory default setting.
LAN (1-4)	Router is successfully connected to a device through the corresponding port (1, 2, 3, or 4). If the LED light of LNK/ACT is flashing, the Router is actively sending or receiving data over that port.
WPS	WPS on or off switch.
WAN	One Fiber-optic Interface, SC or SFP connector-type.

3. Hardware Installation

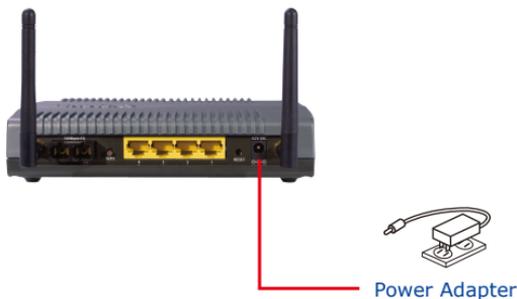
This section describes how to install your Internet Fiber Router and make connections to the Fiber Network. Please read the following topics and perform the procedures in the order being presented. The hardware installation of PLANET Fiber Router do not need software configuration. To install your Fiber Router on a desktop or shelf, simply complete the following steps.

In the following steps, terms of Fiber Router will mean the two series - FRT-40x / FRT-40xN unless model number is specified; and photo of FRT-401N will be used as the photo example.

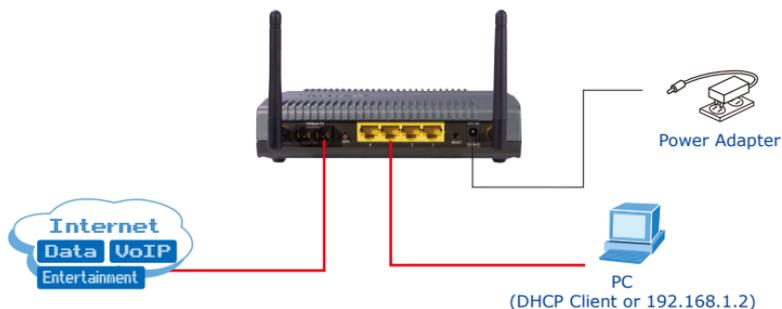
STEP 1: Locat the FRT-401N on an optimum place, install and adjust the antenna for the best coverage.



STEP 2: Connect the Power Adapter to Fiber Router. Check the PWR LED on the front panel is on accordingly.



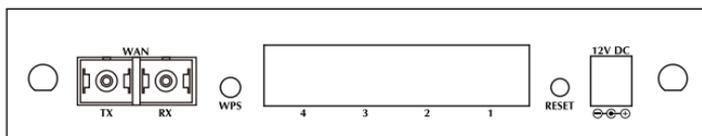
STEP 3: Connect the PC to LAN port. Check the LAN LED on the front panel is on accordingly.



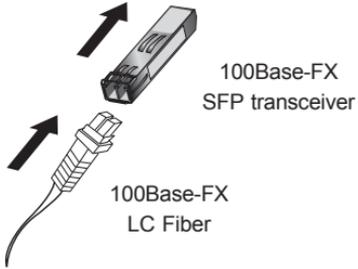
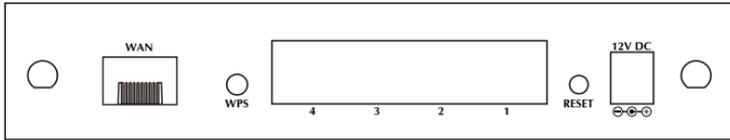
Connect the Fiber-optic cable to WAN port. Check the WAN LED on the front panel is on accordingly.

The Fiber types of PLANET Wired / Wireless Fiber Router as the following:

- **FRT-401 / FRT-401N:** 100Base-FX (SC, MM, 2Km)
- **FRT-401S15 / FRT-401NS15:** 100Base-FX (SC, SM, 15Km)
- **FRT-405 / FRT-405N:** 100Base-FX SFP (LC, MM/SM)



FRT-401 / FRT-401N / FRT-401S15 / FRT-401NS15



FRT-405 / FRT-405N

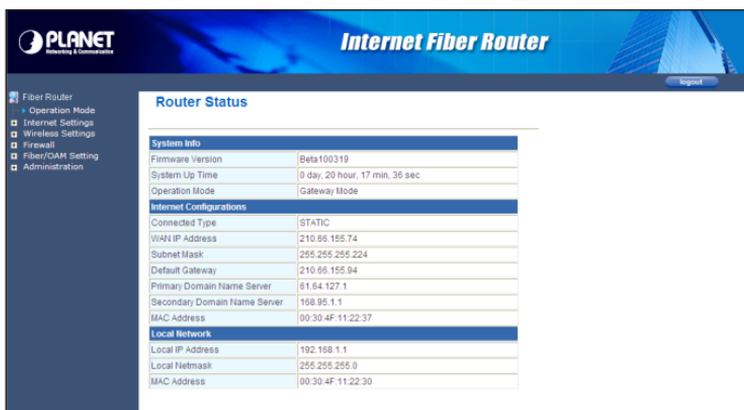
4. Access Your Fiber Router

Now that the physical connection between your PC and Fiber Router has been established, you must login in order to access Web Management. The Fiber Router supports Web-based configuration. From this chapter, we will describe how to access Web Management of PLANET FRT-40x Series.

First Time Login

Launch a web browser (for example: IE, Firefox etc.) and type the IP address in the address bar. The default address is **"http://192.168.1.1"**.

Type in an authorized username and password and then click the button "Apply". The default username is **"admin"**, and its password is **"admin"** all in lower case.



The screenshot displays the PLANET Internet Fiber Router web management interface. The page title is "Internet Fiber Router". On the left, there is a navigation menu with the following items: Fiber Router, Operation Mode, Internet Settings, Wireless Settings, Firewall, Fiber/DMA Setting, and Administration. The main content area is titled "Router Status" and contains three sections: System Info, Internet Configurations, and Local Network. Each section contains a table of configuration details.

System Info	
Firmware Version	Beta100319
System Up Time	0 day, 20 hour, 17 min, 36 sec
Operation Mode	Gateway Mode

Internet Configurations	
Connected Type	STATIC
WAN IP Address	210.86.155.74
Subnet Mask	255.255.255.224
Default Gateway	210.86.155.94
Primary Domain Name Server	61.64.127.1
Secondary Domain Name Server	168.95.1.1
MAC Address	00:30:4F:11:22:37

Local Network	
Local IP Address	192.168.1.1
Local Netmask	255.255.255.0
MAC Address	00:30:4F:11:22:30

5. Further Information

For further detail configurations and information of Operation Mode, WAN, LAN, Firewall, Fiber/OAM, Wireless can be found in the user's manual CD. If you have other questions, please contact the local dealer where you purchasing this product.