

Add-on DST Adapter

Requires Nighthawk R7300 DST Router

Model DST6501



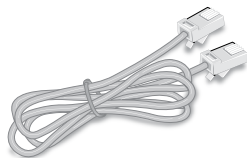
NETGEAR[®]

DST[®]
DEAD SPOT TERMINATOR

Package Contents



DST Adapter



Ethernet cable

Getting Started

You can add up to 16 DST adapter to extend your WiFi network to 16 more locations. The setup is simple and the connection is consistent and fast. To set up your add-on DST adapter, follow the instructions in this booklet.

Geek Squad Support

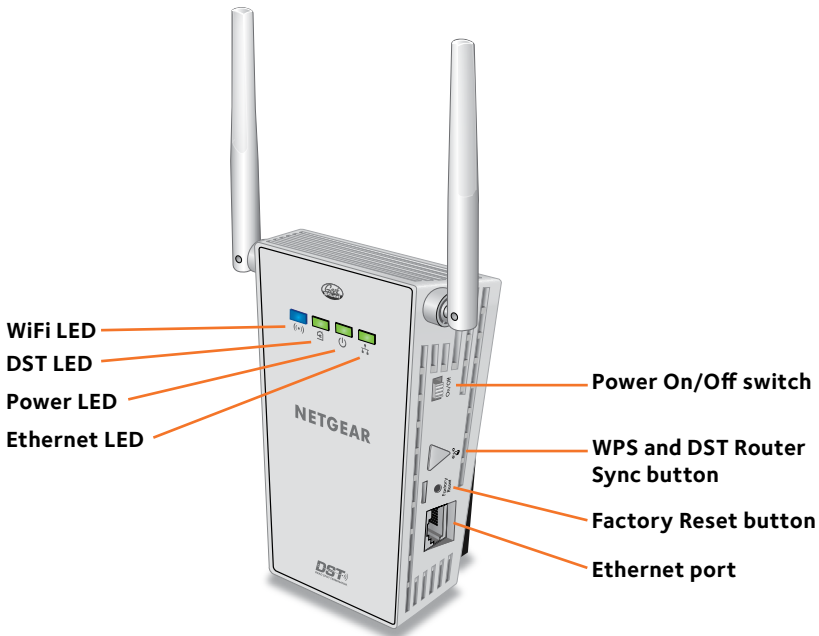
Setup and support are included for one year from your Nighthawk R7300 DST router purchase date. If needed, agents are available 24/7/365 to help you do the following:

- Set up your network.
- Connect your wireless devices such as computers, tablets, gaming consoles, and mobile phones.
- Customize your DST adapter settings.
- Make sure that your network is secure.








Visit www.geeksquad.com, click the **CHAT WITH AN AGENT** link, and sign in to chat, or call 1-800-GeekSquad. Be sure to reference your coupon code, which is **GS1337EXB**, when you are on the phone or chatting with an agent.

Meet Your DST Adapter

Before you install your DST adapter, familiarize yourself with its LEDs, buttons, and port.

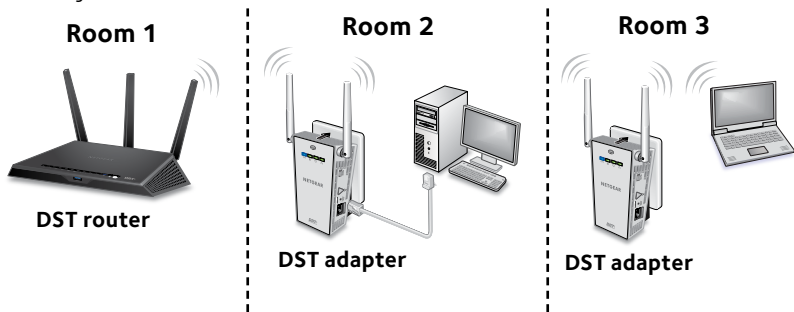


LED Descriptions

LEDs	Descriptions
WiFi LED  (••)	<ul style="list-style-type: none">• Solid blue. The DST adapter is securely paired with a WiFi device.• Blinking blue. The DST adapter is pairing with a WiFi device.• Off. WiFi is disabled.
DST LED  	<p>This LED indicates when the DST adapter is connected to the electrical outlet with the strongest link performance, indicated by the color displayed by the LED:</p> <ul style="list-style-type: none">• Red. Link rate < 50 Mbps (good).• Amber. Link rate > 50 and < 80 Mbps (better).• Green. Link rate > 80 Mbps (best).• Off. The DST adapter did not find any other compatible DST routers using the same encryption key.
Power LED  	<ul style="list-style-type: none">• Solid green. The DST adapter is powered on.• Blinking green. The DST adapter is pairing with another DST device.• Off. The DST adapter is powered off.
Ethernet LED  	<ul style="list-style-type: none">• Solid green. A powered-on device is connected to the Ethernet port.• Off. No device is connected to this Ethernet port.

Add the DST Adapter to the DST Network

After you set up your DST network, you can add up to 16 DST adapters to extend your DST network to 16 more locations.



The following instructions assume that you already set up your DST network. If you did not set up your DST router yet, follow the instructions in the DST router's quick start guide first before installing this add-on DST adapter.

➤ To add the DST adapter to your DST network:

1. In the room where you want to improve WiFi coverage or add Ethernet, plug your DST adapter into an electrical outlet and wait for the Power LED to light solid green.

Note: Do not plug the DST adapter into a surge protector.

2. If the Power LED does not light, slide the **Power On/Off** switch to the On position.
3. Update the encryption key to secure the connection between the DST adapter and the DST router:
 - a. Press the **WPS and DST Adapter Sync** button on the DST router.
 - b. Within two minutes, press the **WPS and DST Router Sync** button on the DST adapter for two seconds.

The Power LED on the DST adapter blinks and the DST LED on the DST router blinks.

Once the connection is made, the DST LED on the DST adapter lights solid green or amber and the DST LED on the DST router lights solid blue.

This process takes between 5 and 80 seconds.

If the DST LED on the DST adapter is red, the link performance is weak. You might want to move the DST adapter to another electrical outlet with a faster connection.

4. Log in to the DST router to update the DST adapter's firmware and WiFi settings:
 - a. Connect a computer or WiFi device to the DST router's network.
 - b. Launch a web browser.
 - c. Enter **www.routerlogin.net** in the address field of the browser. A login window displays.
 - d. Enter **admin** for the user name and **password** for the password. The BASIC Home page displays.
 - e. Select **Remote DST Management**. The Remote DST Management page displays.
 - f. In the Update DST Adapter Firmware and Update DST Adapter WiFi Settings sections, click the **Update Now** buttons next to the name of your DST adapter to update the DST adapter's firmware and WiFi settings.

The DST adapter's WiFi network name is based on the DST router's WiFi network name with _EXT added at the end of the name. If more than one DST adapter is connected to the DST router, for every additional DST adapter after the first, a number is added before _EXT.

The DST adapter's WiFi password is the same as the DST router's WiFi password.

For example:

Product	2.4 GHz WiFi Settings	5 GHz WiFi Settings
DST router	<ul style="list-style-type: none">• SSID. NETGEAR4• Password. Coconut234	<ul style="list-style-type: none">• SSID. NETGEAR4-5G• Password. Coconut234
DST adapter 1	<ul style="list-style-type: none">• SSID. NETGEAR4_EXT• Password. Coconut234	<ul style="list-style-type: none">• SSID. NETGEAR4-5G_EXT• Password. Coconut234
DST adapter 2	<ul style="list-style-type: none">• SSID. NETGEAR41_EXT• Password. Coconut234	<ul style="list-style-type: none">• SSID. NETGEAR4-5G1_EXT• Password. Coconut234
DST adapter 3	<ul style="list-style-type: none">• SSID. NETGEAR42_EXT• Password. Coconut234	<ul style="list-style-type: none">• SSID. NETGEAR4-5G2_EXT• Password. Coconut234

5. Connect devices to the DST adapter.

You can connect devices using a wired Ethernet connection, a WiFi connection, or a WPS connection.

For more information, see [Connect Devices to the DST Adapter](#) on page 10.

Connect Devices to the DST Adapter

You can connect devices using a wired Ethernet connection, a WiFi connection, or a WPS connection.

Connect to the DST Adapter Using Ethernet

➤ **To connect devices to the DST adapter using an Ethernet connection:**

Use an Ethernet cable to connect the Ethernet port on your device to the Ethernet port on the DST adapter.

Connect to the DST Adapter Using WiFi

➤ **To connect devices to the DST adapter using WiFi:**

1. Open the software utility that manages your WiFi connections on the computer or WiFi device that you want to connect to your DST adapter.

This utility scans for WiFi networks in your area.

- Find and select your DST adapter's WiFi network name (SSID).
The DST adapter's WiFi network name is based on the DST router's WiFi network name with _EXT added at the end of the name. If more than one DST adapter is connected to the DST router, for every additional DST adapter after the first, a number is added before _EXT.
- Enter the DST adapter's password and click the **Connect** button.
The DST adapter's WiFi password is the same as the DST router's WiFi password.

For example:

Product	2.4 GHz WiFi Settings	5 GHz WiFi Settings
DST router	<ul style="list-style-type: none"> • SSID. NETGEAR4 • Password. Coconut234 	<ul style="list-style-type: none"> • SSID. NETGEAR4-5G • Password. Coconut234
DST adapter 1	<ul style="list-style-type: none"> • SSID. NETGEAR4_EXT • Password. Coconut234 	<ul style="list-style-type: none"> • SSID. NETGEAR4-5G_EXT • Password. Coconut234
DST adapter 2	<ul style="list-style-type: none"> • SSID. NETGEAR41_EXT • Password. Coconut234 	<ul style="list-style-type: none"> • SSID. NETGEAR4-5G1_EXT • Password. Coconut234
DST adapter 3	<ul style="list-style-type: none"> • SSID. NETGEAR42_EXT • Password. Coconut234 	<ul style="list-style-type: none"> • SSID. NETGEAR4-5G2_EXT • Password. Coconut234

Connect to the DST Adapter Using WPS

➤ To connect devices to the DST adapter using WPS:

1. Press and hold the **WPS and DST Router Sync** button on the DST adapter.

The WiFi LED on the DST adapter blinks.

2. Within two minutes, press the **WPS** button on your WiFi device (such as a computer, tablet, or smartphone).

When the WiFi LED stops blinking, your WiFi client is automatically connected to the DST adapter and you can access the Internet from your WiFi device.

Note: Make sure that your WiFi device is in the same room as the DST adapter that you are connecting to.

Change the DST Adapter WiFi Settings

If you want to change the DST adapter's WiFi settings, log in to the DST adapter using a web browser and change its WiFi settings.

➤ To change the DST adapter's WiFi settings:

1. With an Ethernet cable, temporarily connect your computer to the Ethernet port on the DST adapter.
2. Launch a web browser and enter **http://www.mywifext.net** in the address field of the browser.
A login window displays.
3. Enter **admin** for the user name and **password** for the password.
The BASIC Home page displays.
4. Select **Setup > Wireless Settings**.
The Wireless Settings page displays.
5. Specify the settings for the 2.4 GHz band and for the 5 GHz band:
 - a. If you want to change the DST adapter's WiFi network name, in the **Name (SSID) field**, enter a new network name (SSID).
 - b. Select a wireless channel and mode from the menus.
You can leave the default settings selected.
 - c. In the Security Options section, select a radio button.

- d. If the **Password (Network Key)** field displays, enter a security password or your DST WiFi network.
- e. Click the **Apply** button.
Your changes are saved.

Use the new WiFi settings to connect your WiFi devices to the DST adapter's WiFi network.

Troubleshooting Tips

- Power LED is off. Make sure that power is supplied to the electrical outlet, and that the DST adapter is not plugged into an extension cord, power strip, or surge protector.
- DST LED is off.
 - If you already set network security, make sure that all DST adapters are using the same encryption key; see the user manual for more details.
 - Press the **Factory Reset** button on each DST adapter for one second to return the DST adapter to its factory default settings.
- DST LED is amber or red. Something is interfering with the communication between the DST adapters or the DST router.
To resolve this issue:
 - Move the DST adapter to another outlet.
 - Unplug devices that might be causing interference, such as surge suppressors and items with motors.
- Ethernet LED is off.
 - Make sure that the Ethernet cable is working and securely plugged into the DST adapter.
 - Press the **Factory Reset** button on the DST adapter for one second to return the DST adapter to its factory default settings.

Support

Thank you for purchasing this NETGEAR product. After installing your device, locate the serial number on the label of your product and use it to register your product at <https://my.netgear.com>. You must register your product before you can use NETGEAR telephone support. NETGEAR recommends registering your product through the NETGEAR website.

For product updates and web support, visit <http://support.netgear.com>.

NETGEAR recommends that you use only the official NETGEAR support resources.

You can get the user manual online at <http://downloadcenter.netgear.com> or through a link in the product's user interface.

For additional support, visit www.geeksquad.com to chat online or call 1-800-GeekSquad. Setup and support are included for one year from your Nighthawk R7300 DST router purchase date.

Your Geek Squad support coupon code is **GS1337EXB**.

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Compliance

For the current EU Declaration of Conformity, visit http://support.netgear.com/app/answers/detail/a_id/11621/.

For regulatory compliance information, visit <http://www.netgear.com/about/regulatory/>.

See the regulatory compliance document before connecting the power supply.



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