

HUGHES WI-FI Booster

Specifically engineered to extend your HughesNet Wi-Fi signal for seamless browsing and streaming in every room



HUGHES
An EchoStar Company

STEP 1: Connect and Configure

For the initial setup, you must be near your Hughes HT2000W Wi-Fi Modem.

1. To configure the Hughes Wi-Fi Booster:
 - A. Plug the AC adapter into the Booster and the other end into a power outlet. Push the power button on the back of the device to power it on, as shown in Figure 1.
 - B. Lay the Booster horizontally, as shown in Figure 2, so you can clearly see the LED on the bottom of it. **Wait for the LED to turn red. This may take a few minutes. The LED will turn colors before red.**
 - C. Connect the yellow LAN cable to the back of the Booster and the other end to the back of your Hughes modem. See Figure 3.



Fig. 1: Power button.



Fig. 2: Red LED. Booster is ready for configuration.



Fig. 3: Connect the Booster to the HT2000W.

Expected LED sequence for Step 1.



STEP 2: Synchronize

2. Watch the LED on the Booster as the device automatically syncs with your Hughes modem. **The LED will flash purple for a few minutes while this happens.** See Figure 4.
 - A. When the LED is solid blue, the sync is complete. See Figure 5.
 - B. Disconnect the LAN cable from your Hughes modem and the Booster. The Booster will flash red before returning to solid blue. See Figure 6.
 - C. Press the Power button on the back of the Booster to power it down , as shown in Figure 6. Unplug the device's power supply from the outlet, leaving the power cable connected to the Booster.



Fig. 4: Purple LED – Booster is syncing.



Fig. 5: Blue LED – Synchronization is complete.



Fig. 6: Power button.

Expected LED sequence for Step 2.



STEP 3: Place

3. Relocate the Booster to an area of the house halfway between where you have an excellent Wi-Fi signal and where you have no signal. You can use the Wi-Fi signal strength gauge in the HughesNet Mobile App to help find this area. **Ensure the area around the Booster is not cluttered and provides adequate ventilation for the device.**
 - A. Plug the Booster AC adapter into an outlet and press the Power button to turn it on. The LED will turn blue when the Booster connects to your HughesNet Wi-Fi network. This may take a few minutes. If the LED does not turn blue, see Table 1 to diagnose the issue.
 - B. Make sure the Booster is in the upright position with the LED light at the bottom.
 - C. Test the Wi-Fi connection using your smart device. Your smart device will seamlessly connect to the Booster using the same SSID and password that you use for your Hughes modem.

Expected LED sequence for Step 3.



LED Color	Definition
Solid blue	Good Wi-Fi connection. No action required.
Flashing blue	Connecting to the Wi-Fi network. If it does not connect, the LED will turn red.
Amber (orange)	Poor connection to the modem. Try moving the Wi-Fi Booster closer to your Hughes HT2000W modem.
Red	No connection to your modem or the Wi-Fi Booster is not properly configured. Try moving the Booster closer to your Hughes HT2000W modem or reconfigure the Booster starting at Step 1.
Light purple	The device is booting. It can take a few minutes to fully boot.
Flashing purple	This occurs when the Wi-Fi Booster is syncing to the Hughes modem while it is still connected to the yellow LAN cable.

Table 1: LED color definitions

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