TERK®

TRINITY XTEND

AMPLIFIED INDOOR HDTV ANTENNA
WITH WIFI EXTENDER

QUICK START GUIDE

Check out setup videos at
www.TERK.com/Setup

TRINITYXTN QSG 01

Setup is easy!

Getting up and running with the Trinity Xtend has two parts.

HD ANTENNA

1. Find the best place for your antenna.

2. Connect the antenna to your TV.

3. Scan for channels.

WIFI EXTENDER

1. Download the TERK XTEND App on your phone.

2. Connect to the Xtend.

3. Connect the Xtend to your network.

HD ANTENNA SETUP

1 Find the best location for your antenna.

TV antennas perform best when facing the direction of the broadcaster's tower.

For help finding your local broadcast towers, go to **www.TERK.com**

Antenna Placement Tips

- ✓ **Avoid metal surfaces (like a metal stand).**
- ✓ **Move the antenna close to or in a window.**
- ✓ **Position the antenna as high as possible.**

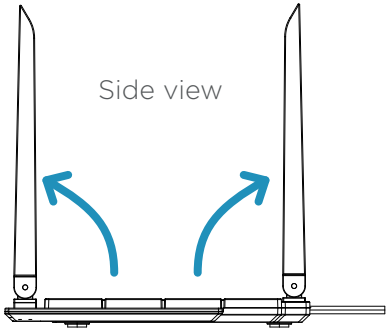
2 Place the antenna.

Place the antenna on a flat surface next to your TV, facing the direction where most of your broadcast towers are located.

Alternate Mounting Option
This antenna can be mounted to a wall as well. To mount this antenna to a wall: Install the included wall-mount screws (and anchors, if needed) where desired. Align the keyholes on the bottom of the antenna with wall-mounted screws, then lock the antenna into place.

HD ANTENNA SETUP (continued)

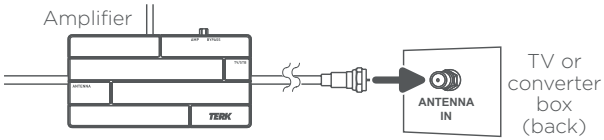
3 Raise the antenna's five elements.



Raise the five elements to their upright position for best performance.

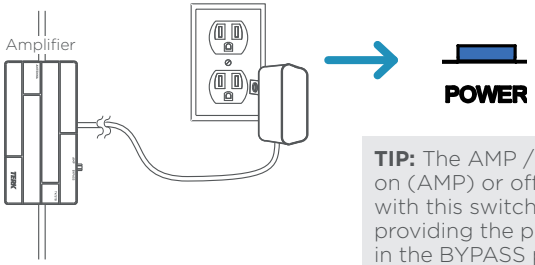
For wall-mounting, raise the five antenna elements to their full 180-degree position.

4 Connect the antenna's coaxial cable to your TV.



IMPORTANT: Make sure your TV is turned off.

5 Plug in the antenna's power cord to a power outlet.



The Trinity Xtend's POWER light illuminates to show that it's on.

TIP: The AMP / BYPASS switch lets you turn the amplifier for TV signals on (AMP) or off (BYPASS). Most TV channels will perform better with this switch left in the AMP position. However, if a channel is not providing the performance you expect, try watching it with this switch in the BYPASS position to see if that makes a difference.

6 Scan for channels on your TV.

Most TVs have a channel scan option in their menu system, many times in a SETUP or CHANNEL menu under ANTENNA. For detailed instructions on performing a channel scan, see the owner's manual that came with your TV.

IMPORTANT: For some channels you might get better performance with the Trinity Xtend antenna in a different position or facing a different direction. Sometimes just a little bit of adjustment can make a difference!

WIFI EXTENDER SETUP

1 Download the TERK XTEND App on your phone.

In the Google Play or Apple App Stores, search for “TERK XTEND” and look for the icon shown here. Then download and install the App.

Bottom of the Xtend

Direct QR Code Links to the Apps

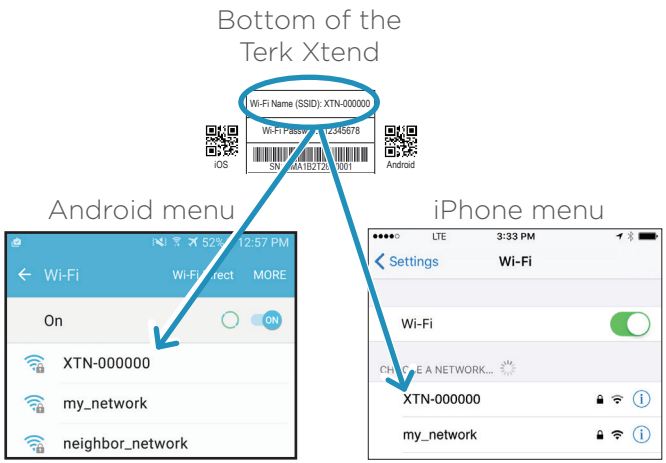
On the bottom of the TERK XTEND antenna there are 2 QR codes that take you directly to the XTEND App for your smartphone’s operating system: one for Android phones and one for iPhones.

Scan the correct QR code for your type of phone, then download and install the App.

IMPORTANT: The Terk Xtend WiFi Extender can also be set up via web browser. See the Using Browser-Based Setup section on page 11 for more information.

WIFI EXTENDER SETUP (continued)

2 Connect your phone to the Terk Xtend.



IMPORTANT: Screenshots are for illustration purposes only—your phone's screens might look different.

Go to the WiFi connections menu on your phone (in the Settings menu).

Look at the **Wi-Fi Name (SSID)** listed on the bottom of the TERK XTEND. Find that network listed in the list of WiFi connection options on your phone. Choose that SSID to connect to it.

Enter the password listed on the bottom the Xtend when prompted. Please note that the **password is case-sensitive**.

WIFI EXTENDER SETUP (continued)

3 Launch the TERK XTEND App on your phone.

Press on the TERK XTEND App icon to launch the App.

4 Connect the Terk Xtend to your network.

iPhone screen

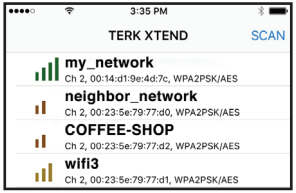
Android screen

In the first screen of the TERK XTEND App, press the Scan button to start scanning for available networks.

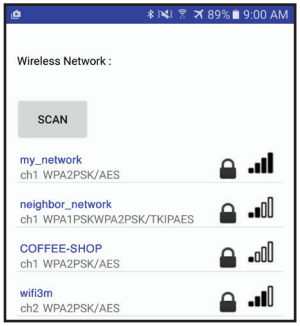
IMPORTANT: Screenshots are for illustration purposes only—your phone's screens might look different.

WIFI EXTENDER SETUP (continued)

iPhone screen



Android screen

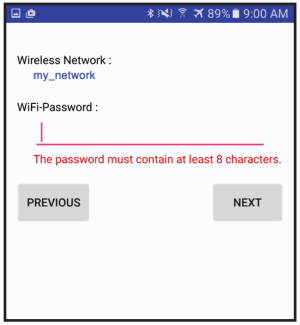


Find your WiFi network in the list and select it.

TIP: If your network does not broadcast its SSID, it will show up in the list as **[Hidden]**. You can enter the SSID manually by choosing the HIDDEN option in the list and typing in the name on the following screen.

iPhone screen

Android screen



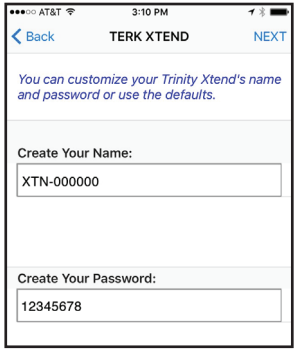
Enter the password for your WiFi network when prompted. Then press the **Next** button.

IMPORTANT: If you chose **[Hidden]** from the list of available networks, enter the name of your WiFi network in the SSID field on this screen *before* you enter your password.

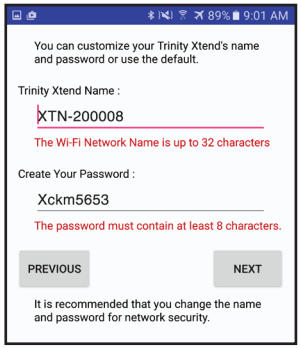
The TERK XTEND App tells you when the Terk Xtend has successfully connected to your network. The **LINK** indicator on the Terk Xtend illuminates.

WIFI EXTENDER SETUP (continued)

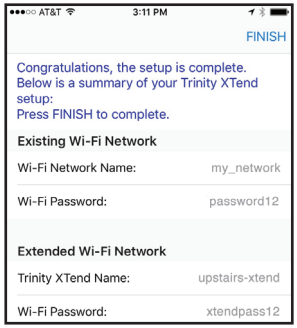
iPhone screen



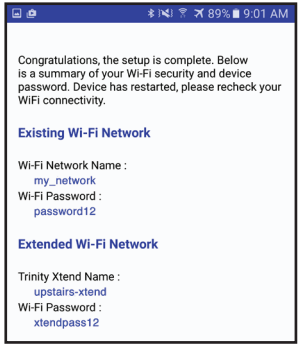
Android screen



iPhone screen



Android screen



The next screen lets you change the name and password of the Xtend from what's listed on the bottom of the Xtend to a name and password of your choice (like "upstairs-xtend," for example). This step is optional but recommended.

Just tap on each area, delete the old name and password, and type new ones. Then press **NEXT** to continue.

The final screen of the Xtend setup shows you the name and password of your existing Wi-Fi network and the name and password of the Xtend. You might want to take a screenshot of this screen for your records.

Press FINISH when you're ready to continue.

The final screen confirms that you've finished setup and closes the App for you.

5 Connect your devices to the Terk Xtend.

Once you've finished setup, wait for the Xtend to reboot with its new settings.

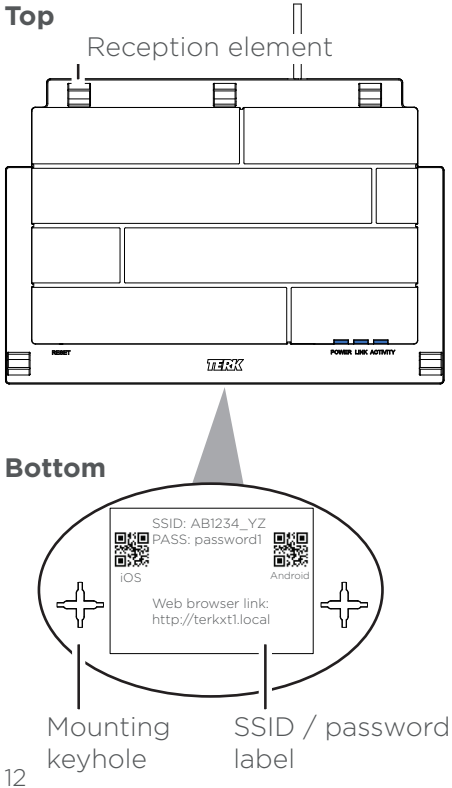
When the **LINK** light on the Xtend's front panel comes on, go into the WiFi connection menus of the devices you want to use with the Xtend's boosted WiFi signal and choose the Xtend from the list of available devices to connect to. **IMPORTANT: You must connect to the Xtend in order to use it—otherwise, you will still be using your existing WiFi router and you won't get the benefits of the boosted signal.**

Using browser-based setup

The Terk Xtend WiFi Extender can also be set up via web browser.

1. In your computer's WiFi connection menu, choose the Xtend from list of available connections and enter its password (the Xtend's SSID and password are listed on the bottom of the unit).
2. In your web browser, enter the following URL—**http://192.168.168.1**
3. Follow the directions in the browser-based setup to configure the Xtend with your network. (If the browser-based setup asks for a user name and password to start setup, enter **admin** for the user name and **admin** for the password.)

TOUR OF THE TRINITY XTEND



POWER indicator illuminates when the Trinity Xtend is plugged in.

LINK indicator illuminates when the Xtend is linked to your home network.

ACTIVITY indicator flashes to show that there is WiFi activity.

RESET button returns the Xtend to its factory default settings, clearing all of your network information.

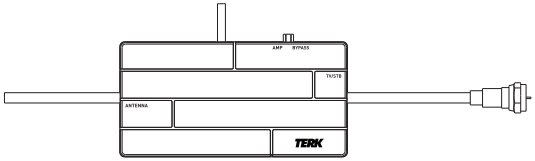
Reception elements pick up local television broadcast and WiFi signals.

Mounting keyholes let you mount the Xtend to a wall using the supplied mounting hardware.

SSID and password label gives you the information necessary to set up the Xtend with your WiFi network. This label also has QR codes for quick access to the XTEND App for Android or iOS devices.

TOUR OF THE TRINITY XTEND (continued)

Amplifier



AMP / BYPASS switch lets you turn the amplifier for TV signals on (AMP) or off (BYPASS). Most TV channels will perform better with this switch left in the AMP position. However, if a channel is not providing the performance you expect, try watching it with this switch in the BYPASS position to see if that makes a difference.

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

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. No change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

The equipment 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 instruction, may cause harmful interference to radio communication. However, there is no grantee that interference will not occur in a particular installation. If this equipment dose 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:

--Reorient 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.

TROUBLESHOOTING

Antenna Reception Problems

I'm having trouble receiving certain channels.

- There are lots of factors that can affect your reception. Tall buildings, mature trees, even hills between you and the broadcast towers can interfere and change the direction of the signals you receive. You might still need to make adjustments after you position the antenna to account for these factors. Any time you change the antenna's position, make sure you re-scan for channels on your TV or digital TV converter box. The channels you receive may have changed.
- Is the antenna sitting on a metal surface (like a metal stand)? Move it to a non-metal surface (metal interferes with reception).
- Try using the antenna without the amplifier. Move the switch on the Xtend's amplifier to the BYPASS position.
- Move the antenna close to a window. Some construction materials (such as aluminum siding) make it more difficult to get good reception. Re-scan for channels when you're finished.
- Position the antenna as high as possible. Most of the time, this increases your chances of reception. Re-scan for channels when you're finished.
- Make sure you uncoil the antenna's cable completely. Leaving it coiled will reduce reception performance.

TROUBLESHOOTING (continued)

WiFi Extender Problems

I don’t have an iPhone or Android phone. How can I set the Trinity Xtend up?

- The Terk Xtend WiFi Extender can also be set up via web browser. See the Using Browser-Based Setup section on page 9 for more information.

I can’t connect my smartphone to the Trinity Xtend

- Make sure your smartphone has WiFi turned on.
- The Trinity Xtend will appear by its SSID in the list of available networks. Your Xtend’s SSID is listed on the label on the bottom of the Xtend.
- You must enter the password listed with the SSID on the bottom of the Xtend in order to connect to the Xtend.

I can’t connect to my WiFi network from the TRINITY XTEND App.

- Press the Scan button on the screen of the App in order to list the available networks in your area.
- If your network does not broadcast its SSID, it will show up in the list as [Hidden]. You can enter the SSID manually by choosing the HIDDEN option in the list and typing in the name on the screen that follows.

TROUBLESHOOTING (continued)

My WiFi coverage and/or performance isn't as good as I expected.

- Make sure you're connected to the Trinity Xtend, not directly to your WiFi router. Go to your WiFi connection settings and find your Xtend's SSID in the list of available connections (see the label on the bottom of the Xtend for your unit's SSID).
- Use the TERK XTEND App to check the strength of the WiFi signal the Xtend is receiving from your WiFi router. If the signal strength is less than two or three bars, you might need to move the Terk Xtend and WiFi router closer together.

I can't reconnect to the Trinity Xtend.

- Make sure you haven't automatically reconnected directly to your WiFi router. Go to your WiFi connection settings and find your Xtend's SSID in the list of available connections (see the label on the bottom of the Xtend for your unit's SSID).

I'm having intermittent connection problems.

- Make sure you're connected to the Trinity Xtend, not directly to your WiFi router. Go to your WiFi connection settings and find your Xtend's SSID in the list of available connections (see the label on the bottom of the Xtend for your unit's SSID).
- Use the TERK XTEND App to check the strength of the WiFi signal the Xtend is receiving from your WiFi router. If the signal strength is less than two or three bars, you might need to move the Terk Xtend and WiFi router closer together.