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Before You Begin

To begin using your Super Cantenna, you will need:

• An 802.11 wireless device with a removable antenna or external antenna port.

⚠️ Tip: To connect to your laptop, you will need either a PCMCIA card with an external antenna port or a WiFi USB adapter with removable antenna (See page 9 for details).

Your new Super Cantenna:

IMPORTANT: Make sure all equipment is unplugged before installing the Super Cantenna!
Do You Have a Linksys® Wireless Router?

There are some additional troubleshooting tips when setting up your Super Cantenna with a Linksys® wireless router (Models WRT54G, WRT54GS, and WRT54GL).

Please visit our website for step-by-step support in configuring your Linksys® router with the Super Cantenna.

www.cantenna.com/linksys
Typical uses for your Super Cantenna

Connect to public WiFi hot spots at coffee houses, restaurants, resorts, hotels, RV-parks, truck stops, campgrounds, airports, libraries, campuses, and more.

Create your own hot spot in your community.

Network with neighbors for house-to-house gaming, file sharing, web-surfing, etc.
Increase the strength and range of your own network signal for faster download speeds and streaming media.

Conduct security scans around your home and office to find interfering networks and security risks.

Extend your range even further or repeat your signal by using a Super Cantenna at each location.

For more uses and tips or to see how others are using the Super Cantenna, visit www.cantenna.com.
Setting Up Your Super Cantenna

Step 1: Mount tripod

Keep tripod collapsed to use as a hand grip.

Always spread apart front leg first.

Then spread apart back legs.

Tip: Prefer a different mounting system? The mounting socket fits standard 35mm camera tripods, video camera wall mounts, or other mounting hardware using a 1/4-20 thread.
Step 2: Connect

- Turn off all of your equipment.
- Remove the antenna on your compatible wireless router, access point, repeater, WiFi USB adapter, game adapter, camera, or other wireless device.
- Replace with the Super Cantenna cable, using the included RPTNC adapter if necessary. (Laptop users, see page 9)
- Turn your equipment back on.

Step 3: Locate and Aim

The Super Cantenna is a directional, line-of-sight antenna. The wireless signal exits and enters the cap end of the Super Cantenna. It extends in a narrow, 30 degree beam, to and from your target base station or access point. Trees, metal buildings, drywall, power lines, and other objects may block your wireless signal and make the Super Cantenna less effective. For best results, locate and aim the Super Cantenna where you have a clear line-of-sight to the target.

That’s it! If your wireless device does not connect, consult the wireless device instruction manual on how to configure a connection.

Tip: RF cables are delicate electrical devices. Avoid twisting or kinking the cable and use care when connecting/disconnecting.
Fine-tuning the Super Cantenna

Now that you are all set up, make sure to get the most out of your new Super Cantenna with a bit of fine-tuning. Because the Super Cantenna has linear polarization, you may find that you get a better signal by rotating the tripod to its side. Then you can tilt the tripod’s mounting plate and rotate the Super Cantenna along its cylindrical axis.

Tip: Download the free NetStumbler software from www.netstumbler.com for precise fine-tuning of your signal!

Tip: You should also experiment by aiming the Super Cantenna slightly to the left, right, or above your target.
## Troubleshooting Guide

(For additional help, go to [www.cantenna.com](http://www.cantenna.com))

<table>
<thead>
<tr>
<th>Symptoms:</th>
<th>Solution:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cantenna cable doesn’t fit wireless device</td>
<td>Try the supplied RPTNC adapter; make sure your device has a removable antenna or external antenna port (for a list of compatible devices, check <a href="http://www.cantenna.com">www.cantenna.com</a>).</td>
</tr>
<tr>
<td>Weak wireless signal or signal goes in and out</td>
<td>Position the Super Cantenna in a clear line-of-sight, away from obstructions like metal, concrete, trees, etc.; keep it away from microwave ovens and cordless phones; try rotating it on its axis (see page 8).</td>
</tr>
<tr>
<td>Can’t connect cable to laptop with built-in WiFi</td>
<td>You will need either a PCMCIA card with an external antenna port* or WiFi USB adapter with removable antenna. See <a href="http://www.cantenna.com/laptop.html">www.cantenna.com/laptop.html</a> for more information. (*requires Laptop Adapter Cable)</td>
</tr>
<tr>
<td>Signal seems to be stronger when slightly pointed to the left or right of target network</td>
<td>This is perfectly normal. You can even try pointing the Super Cantenna slightly higher or lower than the target network.</td>
</tr>
<tr>
<td>Computer’s built-in WiFi software does not show accurate signal strength</td>
<td>Download the free NetStumbler software from <a href="http://www.netstumbler.com">www.netstumbler.com</a> (Macs: <a href="http://www.macstumbler.com">www.macstumbler.com</a>). This software is invaluable for finding and fine-tuning networks.</td>
</tr>
<tr>
<td>Can’t connect to network even though signal strength is sufficient</td>
<td>Make sure you have permission to use the network. Ask the network’s administrator for access privileges/password.</td>
</tr>
</tbody>
</table>
Additional Resources

For additional help, useful tips, accessories, articles, and more, go to:

www.cantenna.com

NetStumbler software:
(Free—for detecting networks and precise fine-tuning of your Super Cantenna)
www.netstumbler.com

Mac version:
www.macstumbler.com

Hot Spot Finder:
www.wifidirectory.com

Laptop users:
Connecting the Super Cantenna directly to your laptop is easy:
www.cantenna.com/laptop
Limited Warranty

Wireless Garden, Inc. guarantees that every Cantenna product is free from physical defects in material and workmanship for 30 days from the date of purchase, when used according to the instructions. If these products prove defective during this warranty period, contact Wireless Garden directly furnishing a valid proof of purchase. Valid proof of purchase must be shown in the form of a receipt from the retail store or website you purchased the Super Cantenna from, including the date of purchase. BE SURE TO INCLUDE YOUR FULL NAME. REPLACEMENT REQUESTS CANNOT BE PROCESSED UNLESS WE CAN VERIFY YOUR IDENTITY AND ISSUE A REPLACEMENT AUTHORIZATION NUMBER. The Cantenna must be returned in its ORIGINAL CONDITION and in its original package within 30 days of purchase for a replacement. You will be responsible for shipping and handling charges.

IN NO EVENT SHALL WIRELESS GARDEN’S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, OR ITS DOCUMENTATION. WIRELESS GARDEN MAKES NO WARRANTY OR REPRESENTATION, EXPRESSED, IMPLIED, OR STATUTORY, WITH RESPECT TO ITS PRODUCTS OR THE CONTENTS OR USE OF THIS DOCUMENTATION AND SPECIFICALLY DISCLAIMS ITS QUALITY, PERFORMANCE, MERCHANTABILITY, OR FITNESS FOR ANY PARTICULAR PURPOSE. Wireless Garden reserves the right to revise or update its products, software, or documentation without obligation to notify any individual or entity. Please direct all inquiries to customerservice@cantenna.com.

FCC REGULATIONS
This product should be used in connection with a device that has been tested and complies with Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in an installation. There is no guarantee that interference will not occur in a particular installation and you are solely responsible for compliance with FCC regulations.
Optional Accessories for the Super Cantenna®

Available at your electronics retail store, or from www.cantenna.com

7-foot Extension Cable (SCBX7)—The Super Cantenna works best with a clear line-of-sight. This extension cable extends the reach of your Super Cantenna by an additional 7 feet.

Laptop Adapter Cable (WG-LA01)—Compatible with most major wireless PCMCIA cards with external antenna port (example: Buffalo®, Proxim-Orinoco®, SMC®, etc.).

Wireless PCMCIA Cards—With external antenna connector and compatible with the Super Cantenna.

WiFi USB Devices—With external antenna connector and compatible with the Super Cantenna.