

How to Connect your Wireless Computer to the Smart Repeater

Windows 7 and Vista

Click on the Wireless icon to see available wireless networks (For Vista, click Start > Connect To). Select the "Loopcomm_Repeater" network and click Connect.



Windows 8

Swipe in from the right edge to access the charms bar, tap on Settings, select the Wi-Fi icon, and select "Loopcomm_Repeater".



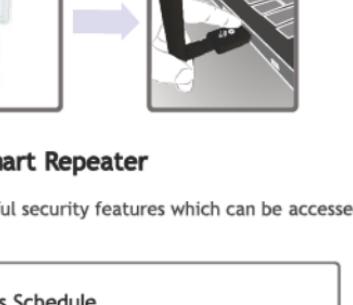
Mac OS X

A. Click on the Wireless icon to view available wireless networks. Select the "Loopcomm_Repeater" or network to join that network.



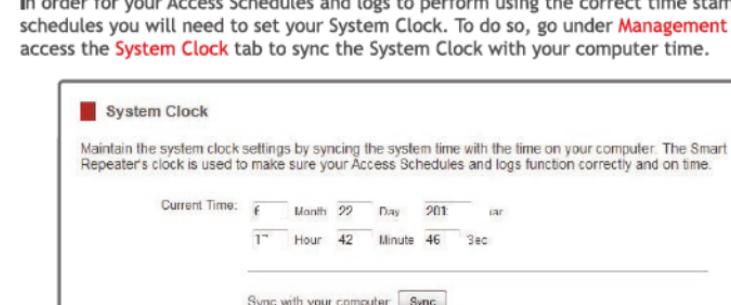
iPhone

Tap on your Settings icon, select Wi-Fi, and choose the network, "Loopcomm_Repeater".



Wi-Fi Protected Setup (One-Touch Setup or Push Button Configuration)

If your wireless adapter has WPS one-touch setup, you can use it when connecting to the Smart Repeater. Hold down the WPS button on the Smart Repeater (left side) for 3 seconds. The LED will begin to blink. As it blinks, push the WPS button on your wireless adapter or enable WPS with the provided software for your wireless adapter.



Using the Smart Features on your Smart Repeater

The Smart Repeater is equipped with many powerful security features which can be accessed through the web menu:

Access Schedule Control when your Wi-Fi is on/off 2.4GHz wi-Fi Settings > Access Schedule
User Access Restrict network access to specific users 2.4GHz wi-Fi Settings > Access Schedule
Wireless Coverage Adjust the distance of your wireless network 2.4GHz wi-Fi Settings > Access Schedule

Setting the Range Extender's System Clock

In order for your Access Schedules and logs to perform using the correct time stamps and schedules you will need to set your System Clock. To do so, go under **Management** and access the **System Clock** tab to sync the System Clock with your computer time.

System Clock

Maintain the system clock settings by syncing the system time with the time on your computer. The Smart Repeater's clock is used to make sure your Access Schedules and logs function correctly and on time.

Current Time: Month 22 Day 2011 Year 11
Hour 42 Minute 46 Second 3 sec

Sync with your computer:

Tips: Trouble Accessing the Smart Setup Wizard

PROBLEM: The Setup Wizard does not appear when you enter the setup web address.

Enter the setup web address into your browser:
http://setup.loopcomm.com

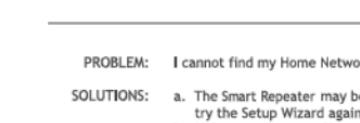
If the URL fails to open, then try: <http://192.168.1.250>

SOLUTION: Disconnect your computer from all Wi-Fi networks and try again.
Your computer should be connected to the Dual Band Range Extender with the included Ethernet cable.

- a. Disconnect your computer from all wireless networks.

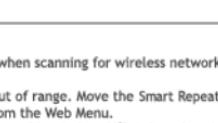
Note: Your computer does not need Internet to access the Smart Setup Wizard.

Windows 7:



Click the Wireless Signal icon from bottom right corner. Select your network and click Disconnect.

Windows XP:



Right click the Wireless Signal icon from bottom right corner. Click View Available Wireless Networks, select your network and click Disconnect.

If you continue to have problems accessing the Smart Setup Wizard:

a. Check your power first.

b. Reboot the Smart Repeater. Disconnect your computer from all wireless networks and try again.

Tips: Power Outages, Resetting Routers and Channel Changes

Wireless routers operate on specific wireless channels to avoid interference with neighboring networks. Some wireless routers are set to automatically scan for the best wireless channel. A power outage, or a simple reboot, may cause your home wireless router to change its wireless channel and cause the Range Extender to disconnect from your home network.

To fix this issue, simply log onto the Smart Repeater's web menu by opening your web browser and accessing <http://setup.loopcomm.com>. If the page does not load, try resetting the Smart Repeater by holding down the reset button for 5 to 10 seconds. After the Smart Repeater has rebooted, open your web browser and try again.

When the web menu appears, run through the Smart Setup Wizard again to reconfigure the connection to your Home Network.

To prevent the channel changing issue from occurring in the future, you may log onto your router's web menu and set the wireless channel from Automatic to a static channel number. You will need to reconfigure the Smart Repeater with the new channel. If you are not sure how to access your router's web menu, contact the support department for the brand of your wireless router.

Autoloading Web Menu

When the Smart Repeater loses its connection with your Home Network, the web menu will automatically load on your web browser. All web address entries will be redirected to the Smart Setup Wizard of the Smart Repeater. This redirect feature is meant to notify and help you to easily reconfigure your Smart Repeater in the event of a disconnection. You may disable this feature through the web menu (left side): [More Settings > 2.4G Network Settings > IP Settings](#)

Troubleshooting Tips

PROBLEM: I cannot connect to my Home Network. I received an error when running the Smart Setup Wizard.

SOLUTIONS: a. Your Home Network may be secured. Double check that you have the correct security key to connect to the Home Network.

b. Reboot your Home Network router and try to connect again using the Smart Setup Wizard.

Note: Your computer does not need Internet to access the Smart Setup Wizard.

PROBLEM: My Smart Repeater was working fine previously, but now I can no longer access the Internet through the Smart Repeater.

SOLUTIONS: a. The connection to your Home Network may have been dropped or the router settings may have changed. Changes to the router could be a result of several events, such as a power outage. When this occurs, connect to the Smart Repeater and access the setup menu using the web address: <http://setup.loopcomm.com>.

Run the Smart Setup Wizard to reconnect the Smart Repeater to your network.

b. The Smart Repeater may be too far from your Home Router and not maintaining a signal strength above 70%. Check the signal strength between the router and the Smart Repeater through the web menu (left side):

More Settings > Management > Device Status. The signal strength readout will be under the Home Wireless Network Settings section. This signal strength must be above 70%. If it is below, move the Smart Repeater closer to your router, or reposition the Smart Repeater.

PROBLEM: I cannot find my Home Network when scanning for wireless networks in the Smart Setup Wizard.

SOLUTIONS: a. The Smart Repeater may be out of range. Move the Smart Repeater closer towards the wireless router and try the Setup Wizard again from the Web Menu.

b. Make sure that your Home Network's wireless SSID is broadcasting and not hidden. Hidden SSIDs will require that you manually enter the SSID into the Wireless Settings > 2.4G Home Network menu.

Federal Communication Commission Interference Statement

This 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 instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas 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.