

QUICK START GUIDE

CBR450

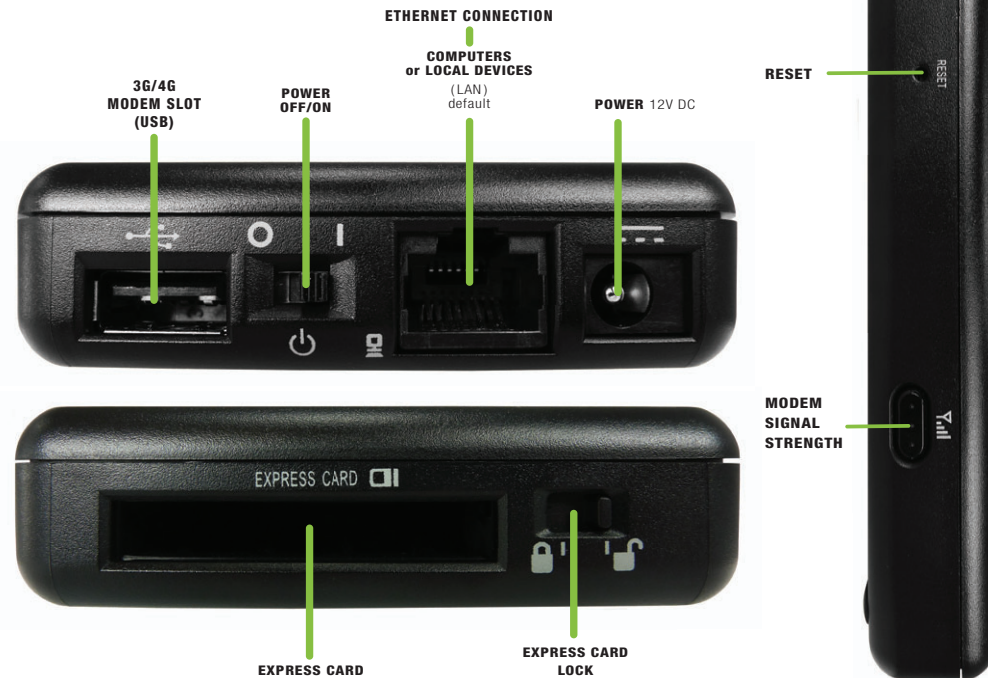
SETTING UP THE ROUTER

- 1) Plug the power supply into an electrical outlet.
- 2) Connect the power supply to the CBR450.
Ensure power is switched on. o = OFF | = ON
- 3) Connect a: USB or ExpressCard Wireless Broadband Data Modem with Active Subscription.



for more information about your product, visit: www.cradlepoint.com/cbr450

PORTS & SWITCHES



CONNECTING YOUR COMPUTER

The CradlePoint Compact Broadband Router (CBR450) provides either full routing or IP pass-through capabilities for a LAN device requiring 4G/3G broadband access.

For most applications, simply connect an approved modem to the CBR450, turn the unit on and it's ready to go.

The CBR450 handles the connection without configuration and provides enhanced network connectivity with support for 4G/3G USB and ExpressCard modems.

First, connect a supported 4G/3G modem to the CBR450, then connect the Ethernet cable from the LAN port of the CBR450 to a local computer or device.

Adding a wireless back-up or primary data connection has never been easier.

FINDING YOUR PASSWORD

Your unique default password is shown on the product label on the bottom of your router. It's the last **eight characters of the MAC Address**.

You will be asked for this password when you log into the administration pages. The default password provides security for your router out-of-the-box.



find this label on the bottom of your router

For additional information, visit: www.cradlepoint.com/cbr450

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USING THE FIRST TIME SETUP WIZARD

The First Time Setup Wizard will help you customize the router password to something you choose and correctly set up 4G WiMAX modems.

- 1) Open a browser window and type “**cp/**” or “**192.168.0.1**” in the address bar.
PRESS ENTER/RETURN.
- 2) When prompted for your password, type the **eight character Default Password** found on product label (the last eight characters of the MAC Address).
- 3) When you log-in for the first time, you will be automatically directed to the **FIRST TIME SETUP WIZARD**. After your first log-in, click **GETTING STARTED**, then **FIRST TIME SETUP WIZARD** to find the settings.
- 4) STEP 1/3: If you choose, you can change the router’s **ADMINISTRATOR PASSWORD**. Then, select your **TIME ZONE**. Click **NEXT**.
- 5) STEP 2/3: If necessary, select your 4G WiMAX Realm. If you are using a 3G or LTE modem, no selection is necessary. Click **NEXT**.
- 6) STEP 3/3: Review the details and record the administrative password. Click **APPLY** to save the settings to your router.

MODEM SUPPORT & UPDATES (FIRMWARE)

CradlePoint regularly makes new modem support and performance enhancements available for our products in a software package called “firmware”. Updating firmware ensures your CBR450 is ready for today and tomorrow’s technology.

To Update Your Firmware, Follow The Steps Below:

- 1) Connect your computer to the CBR450 via an Ethernet cable. (see page 3)
- 2) Open a browser window and type “**192.168.0.1**” in the address bar. **PRESS ENTER/RETURN.**
- 3) Enter your password to login. **Your unique password is the administrator password you set earlier or the default password found on the bottom label** (last 8 characters of the MAC Address).
- 4) Select **SYSTEM SETTINGS** on the top navigation bar, then **SYSTEM SOFTWARE** in the drop down menu.
- 5) Find the **FIRMWARE UPGRADE** section. This will display the current firmware version that is installed and indicate if updated firmware is available.
- 6) Click **AUTOMATIC (Internet)** if new firmware is available. The router will download and install the firmware and automatically reboot itself. A status monitor will appear and indicate when this process is complete. This process may take several minutes depending on your internet connection speed.
- 7) If your router does not have an active internet connection (ie: modem not working on older firmware) you will need to download the latest firmware from www.cradlepoint.com/cbr450 to your desktop, then use **MANUAL FIRMWARE UPLOAD** option.

SPECIAL FEATURES of the CBR450

IP PASSTHROUGH

IP Passthrough transparently bridges WAN traffic to a single device on the LAN side of the router. All routing and NAT protocols are bypassed.

To select IP pass-through, log into the router (see steps 1-3 on page 6), then click the **BASIC MODE** tab in the upper left corner of the navigation to enable **ADVANCED MODE**.

Click **INTERNET** then **CONNECTION MANAGER**. Find the ‘IP Passthrough’ section and click **ENABLED** and then **APPLY** to save the settings.

RESET

To restore the router to its factory settings, press and hold the **RESET** button on the side of the router for ten seconds. Reset returns the login to **DEFAULT PASSWORD** found on the bottom of your router (the last eight characters of the MAC Address).

FEDERAL COMMUNICATION COMMISSION STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against such 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 provided by CradlePoint, may cause harmful interference to radio communications. This device must accept any interference received, including interference that may cause undesired operations. 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 using 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 or television technician for help.

Changes or modifications not expressly approved by CradlePoint, Inc. could void the user’s authority to operate the product.

RADIO FREQUENCY INTERFERENCE REQUIREMENT - CANADA

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

WARRANTY INFORMATION

CradlePoint, Inc. warrants this product against defects in materials and workmanship to the original purchaser (or the first purchaser in the case of resale by an authorized distributor) for a period of one (1) year from the date of shipment. This warranty is limited to a repair or replacement of the product, at CradlePoint’s discretion. CradlePoint does not warrant that the operation of the device will meet your requirements or be error free. Within thirty (30) days of receipt should the product fail for any reason other than damage due to customer negligence, purchaser may return the product to the point of purchase for a full refund of the purchase price. If the purchaser wishes to upgrade or convert to another CradlePoint, Inc. product within the thirty (30) day period, purchaser may return the product and apply the full purchase price toward the purchase of another CradlePoint product. Any other return will be subject to CradlePoint, Inc.’s existing return policy.

SAFETY AND HAZARDS

Due to the nature of wireless communications, data transmission and reception is not guaranteed and may be delayed, corrupted (i.e., contain errors), or lost. The device is not intended for and should not be used in any critical applications where failure to transmit or receive data properly could result in property damage, loss or personal injury of any kind (including death). CradlePoint expressly disclaims liability for damages of any kind resulting from: (a) delays, errors, or losses of any data transmitted or received using the device; or (b) any failure of the device to transmit or receive such data.

LIMITATIONS OF LIABILITY

THE REMEDIES PROVIDED HEREIN ARE YOUR SOLE AND EXCLUSIVE REMEDIES. IN NO EVENT SHALL CRADLEPOINT INC. BE LIABLE FOR ANY LOST PROFITS, DIRECT, INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY.

PRIVACY

CradlePoint may collect general data pertaining to the use of CradlePoint products via the Internet including, by way of example, IP address, device ID, operating system, browser type and version number, etc. To review CradlePoint’s privacy policy, please visit: <http://www.cradlepoint.com/privacy>.