

# SETTING UP THE ROUTER

- **1**) Plug the power supply into an electrical outlet.
- **2**) Connect the power supply to the MBR1000.
- **3)** Connect a USB or ExpressCard modem.
- 4) Ensure the WiFi switch is on "I"

### Using Cable or DSL?

Connect the provided Ethernet cable from your Cable or DSL Modem into the blue WAN port.





12v Power Supply

Ethernet Cable ( Color May Vary )

Quick Start Guide

## cradlepoint

or full technical support, register your product www.cradlepoint.com/register

for additional information, visit knowledgebase.cradlepoint.com

## CONNECTING YOUR COMPUTER

Follow the directions for your Operating System below.



Unsecured winders network

Unsecured versions network. PBR-a5a

insecured vindess network.

Insecured versions network.

Unsecured virsions network.

Security-enabled wireless network (WFRZ)

Click START 2) Hover over CONNECT TO 3) Click WIRELESS NETWORK CONNECTION You'll see a list of available wireless networks 4) Click MBR-xxx 5) Click CONNECT

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Ŀ	TWC4GMobile-5dd	311		5
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	MBR-box	24		6
	MBR-f64	<b>3</b> al		7
Ŀ	MBR-abd	511		
Ŀ	MBR-be4	241	-	N
	Open Network and Sharing C	lenter		to

### ) Click START ) Click CONTROL PANEL ) Click CONNECT TO A NETWORK ) Click NETWORK AND SHARING CENTER Click CONNECT TO A NETWORK ou'll see a list of available wireless tworks Click MBR-xxx ) Click CONNECT OTE: If you are asked for an "8-digit PIN", click NCEL and retry the above steps. If prompted set up your network, click CONNECT TO THE TWORK WITHOUT SETTING IT LIP

### WINDOWS VISTA



1) Click START 2) Hover over CONNECT TO 3) Click WIRELESS NETWORK CONNECTION You'll see a list of available wireless networks 4) Click MBR-xxx 5) Click CONNECT

> NOTE: If you are asked for an "8-digit PIN' see directions under Windows 7

OSX		
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	AirPort: On Turn AirPort Off	
	✓ CP-Public	
	Conference 1	
	CP-MBR1000	
	CP1-MBR1000	
	CTR-040	
	CTR-70b	
	CTR-86f	
	CTRS00-9f5	
	MBR-016	
	MBR-aba	-
	MBR1100-558	
	McGent-421	
	MBBarry	
	PHS-84c	
	Join Other Network	
	Create Network	
	Open Network Preferences	

1) Open your wireless connection list by clicking the AIRPORT wireless icon on your menu bar

Hodel: MBR1000 K/W Revision: v1.0 S/W Revision: v1.5 www.cradiopoint.com RoHS ( E (

FC ID: UXX-HBRIDOD

2) Click on the MBR-xx

cradlepoint

WLAN MAC Address: 00304-092x60

SSIC MBR-add

# TROUBLE CONNECTING TO THE INTERNET?

We update product firmware often to ensure compatibility with the latest modems. Your router may not connect correctly if the firmware needs to be updated.

### How To Update Firmware

- ) Go to: http://www.cradlepoint.com/support (If your computer does not have another source for internet, connect your Modem/Aircard to your computer.)
- 2) Download the most recent firmware file. Save it to your desktop. (NOTE: If you are using a 4G modem, you must download and install both the firmware and modem file.)
- 3) Connect your computer to the MBR1000 with its WiFi network connection or an ethernet cable. (see page 3)
- 4) Open a browser window and type http://192.168.0.1 in the address bar. Press enter/return.
- 5) When prompted for your password, type the last six characters of your MAC address.
- 6) Select **TOOLS** on the top navigation bar, then **FIRMWARE** in the left menu.
- 7) Find MANUALLY UPGRADE FIRMWARE and click the BROWSE button.
- 8) Select the firmware file you saved to your desktop and click **OPEN**.
- 9) Click the UPLOAD button. Wait a moment while your firmware is updated.



### For additional information, visit: knowledgebase.cradlepoint.com

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## FINDING YOUR PASSWORD

Your default password is the last six characters of your MAC Address. — This is shown on the label on the back of your product.

TOOLS - STATUS HELP
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# SETTING WIFI SECURITY

WiFi Security is highly recommended by CradlePoint. WiFi Security prevents unauthorized users from connecting their computers and WiFi devices to your hotspot unless they have your security password.

- 1) Open your browser and type http://192.168.0.1 in the address bar.
- 2) When prompted for your password, type the last six characters of your MAC address.
- 3) Click BASIC (top navigation bar), click WIZARD (left menu), click LAUNCH SETUP WIZARD.
- 4) You will see a summary of the upcoming Setup Wizard Steps. Click NEXT.
- 5) You can change the **DEFAULT ADMINISTRATION PASSWORD**. Select your **TIME ZONE**. Click **NEXT**.
- 6) Change your WIRELESS NETWORK NAME (SSID). This is the publicly visible name for your WiFi Network.
- 7) Confirm **REQUIRE USER LOGIN** is enabled if you would like to use this functionality (see page 6). This setting will require new users to logon using an internet page with a customizable User Login password.
- 8) Choose the WIFI SECURITY LEVEL that best fits your needs: GOOD for WEP, BETTER for WPA or WPA2 and BEST for WPA2 Only. (Make sure your PC or other devices support the mode you choose). Click NEXT.
- 9) Choose a personalized WIRELESS SECURITY PASSWORD. This password will be used to reconnect your devices to the router once the security settings have been saved. Click **NEXT**.
- 10) Record the setup information shown on the final summary page and click **SAVE**. Click **REBOOT NOW**. This will save all new settings and apply them to your router. If you are using the MBR1000 WiFi network, reconnect to the network using the new name and security password.

### You've now secured your CradlePoint router from unintended WiFi access.

# TROUBLE CONNECTING WIFI DEVICES

Some WiFi-enabled devices may initially have trouble connecting to the internet successfully. One cause of connection issues could be the CradlePoint User Login feature.

Devices that are commonly known to have trouble are:

- iPod Touch PS3 - iPad
- Wireless VOIP phones - Xbox 360 - iPhone - Nintendo DS - Wireless Printers - Wii
- Most WiFi-enabled video game systems
- Most WiFi-enabled devices that are not PCs or Macs

To allow these devices access, follow the instructions below to disable the user login.

- 1) Go to your router administration page by typing http://192.168.0.1 in the browser address bar.
- 2) Select **TOOLS** on the top navigation bar, then USER LOGIN in the left menu.
- 3) Uncheck the **REQUIRE USER LOGIN** check box.
- 4) Scroll to the top of the page and click **SAVE** SETTINGS. When prompted, click **REBOOT NOW** which will save and reboot the router with your new configuration.

С	ADVANCED	MODEM	TOOLS 🔶	STATUS	HELP
	USER LOGI	4			
	The User Login o	otions allow you to enab	le and customize the use	login page where a wire	less dient must
	enter a passwor	d in order to gain access	to the internet.		
	Cours Cott	Deres	'h Caus Cablinan		
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	USER LOGI	I SETTINGS			
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		Password ·			
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		verity Password : •			

*Note:* Because the User Login page adds security and access control for your router, you should enable additional security features such as WEP or WPA when turning off the User Login Page. See SETTING WiFi SECURITY on page 5 for details.

## ADDING/UPDATING the 4G/WiMAX DRIVER

A compatible modern driver needs to be added to the CradlePoint router to connect a 4G/WiMAX modern.

**NOTE:** Install the 4G modem driver AFTER you update the firmware.

- 1) Download the 4G modem file for the router at http://www.cradlepoint.com/support
- 2) Follow Steps 3 6 on Page 4.
- 3) In the MANUALLY UPGRADE WIMAX MODEM **DRIVER FILE** section, click **BROWSE**.
- 4) Browse to the previously downloaded file. then click **OPEN**
- 5) Click the **UPLOAD** button and wait a few seconds while your modem driver is updated.
- 6) Now, you will need to set your 4G Realm.
- 7) Click the **MODEM** tab on the top navigation bar, then SETTINGS in the left menu.
- B) Under **MODEM SPECIFIC SETTINGS** select your Modem Interface from the drop down menu.
- In WIMAX SETTINGS, choose your Mobile Broadband provider from the Carrier drop down menu (ie: Clear 4G, or Sprint 4G).
- 10) Click **SAVE SETTINGS** at the top of the page

Note: This upgrade will remove	the previous WiMAX modem driver file.	
wi	MAX Modem Driver Version : 5.2.206	
Upload WiMAX Modem Driver File :		Browse 🤞
	Helend	

ODEM SPECIFIC SETTIN	05
Modem Interface :	ExpressCard 🗘
3G Settings	ExpressCard CordBus US81 US82 US92
AT Dial Script :	
Modem Password :	
Verify Modem Password :	
Make SIM PIN Permanent :	8
SIM PIN :	
Access Point Name (APN) : WIMAX Settings	NUTE: You will note to re-plug your modern for the Fink or APM sectings to take effect.
Carrier :	Sprint (3G/4G)
Realm :	Select WIMAX Carrier
Authentication Protocol :	Clear Comcast
Dual WiMAX/3G Settings	Sprint (3G/4G) Sprint Xohm Time Warner Cable
Connect Mode :	Auto 😭
Reconnect Policy :	Never
	When connected 3G, this setting specifies when to attempt a 4G connection instead.

# REGULATORY INFORMATION



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. This device must accept any interference received, including interference that may cause undesired operation. 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 and 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 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 purchase (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.

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 the other product. Any other return will be subject to CradlePoint, Inc.'s existing return policy.