cradlepoint   MBR1200B

Small Business Mobile Broadband Router

3G/4G Wireless WAN Connectivity for
Small Business or Remote Office

Setup Guide

SETTING UP THE ROUTER

1) Plug the power supply into an electrical outlet.

2) Connect the power supply to the MBR1200B.
Ensure power is switched on.   o = OFF | = ON

3) Connect a: USB or Express Card Wireless Broadband
Data Modem with Active Subscription, or a Cable, DSL,
Satellite, T1, T3, Ethernet Modem.

wipipe
b/g Wi Fi n CERTIFIED
dual stream n

What's In The Box

Mobile Broadband Router   AC Power Supply   Setup Guide

for more information about your product, visit: **www.cradlepoint.com/mbr1200b**

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PORTS, SWITCHES & LEDs

COMPUTERS or LOCAL DEVICES (LAN)   CABLE/DSL MODEM (WAN)   POWER OFF/ON   POWER   RESET

WIFI OFF/ON   EXPRESS CARD   EXPRESS CARD LOCK   3G/4G MODEM SLOT (USB)

LEDs

POWER
solid green: on

LAN
solid: connected
blinking: traffic activity

WAN
solid: connected
blinking: traffic activity

USB TYPE A MODEM STATUS
solid green: connected
blinking green: connecting

EC EXPRESS CARD MODEM STATUS
solid green: connected
blinking green: connecting

WPS
solid: active
blinking: setting in progress

WIFI 2.4GHZ
solid: on
blinking: traffic activity

FAILOVER LED
off: primary WAN operating normally
green: secondary WAN is in use

3G/4G MODEM STATUS
signal strength, blinking indicates ½ bar

ATTENTION LED
green: check for courtesy message
amber: attention
solid red: device booting or critical
system error such as "no WAN
is available"

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CONNECTING YOUR COMPUTER

*After you connect your modem to the router, you're now ready
to connect to the MBR1200B via Ethernet or WiFi. If using WiFi
ensure the WiFi switch is set to on " I ".*

Default SSID: MBR1200B-xxx

*Internal 802.11n WiFi antennas provide up to 600 feet of range
from the CradlePoint router to your connected computers or
WiFi-enabled devices.*

*Find your default password on the bottom of your router
(last 8 characters of your MAC Address).*

NOTE: If you are asked for an "**8-digit PIN**", click **CONNECT
USING A SECURITY KEY** and enter your **eight character
default password** found on the bottom of your router.

For additional information, visit:
www.cradlepoint.com/mbr1200b

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 connect a
new device to the WiFi network
or log into the administration
pages.

The default password provides
WiFi security out-of-the-box.

find this label on the bottom of your router

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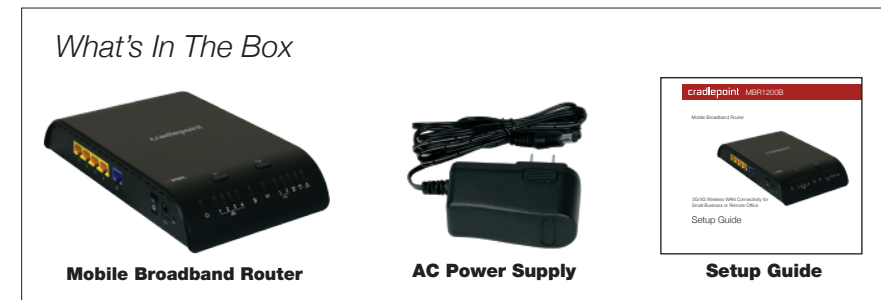
P/N 170531-003

USING THE FIRST TIME SETUP WIZARD

The First Time Setup Wizard will help you customize the name of your wireless network, change passwords to
something you choose, and establish an optimal WiFi security mode. The MBR1200B comes with a unique
password creating built-in WiFi Security, which prevents unauthorized users from connecting to your WiFi network.

1) Connect your computer to the MBR1200B via its WiFi network broadcast or an Ethernet cable.

2) Open a browser window and type "**cp/**" or "**192.168.0.1**" in the address bar. **PRESS ENTER/RETURN**.

3) When prompted for your password, type the **eight character Default Password** found on product label
(the last eight characters of the MAC Address).

4) When you log-in for the first time, you will be automatically directed to the **FIRST TIME SETUP WIZARD**.

5) If you choose, you can change the router's **ADMINISTRATOR PASSWORD**.
Then, select your **TIME ZONE**. Click **NEXT**.

6) CradlePoint recommends you customize your WiFi Network Name. Type in your personalized
Wireless Network Name here. You can also enable the Guest Network feature (see description on page 7).

Choose the **WIFI SECURITY MODE** that best fits your needs: **POOR** for **WEP**, **GOOD** for **WPA/WPA2**
and **BEST** for **WPA2 Only**. (Make sure your PC or other devices support the mode you choose).

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**.

7) If necessary, select your 4G WiMAX Realm. Using a 3G or LTE modem no selection is necessary.
Click **NEXT**.

8) Review the details and record your wireless network name, administrative and wireless
WPA password. Click **APPLY** to save the settings to your router.

If you are currently using the MBR1200B WiFi network, reconnect your devices to the network using the
new wireless network name and wireless security password.

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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 MBR1200B is ready for today and tomorrow's technology.

To Update Your Firmware, Follow The Steps Below:

1) Connect your computer to the MBR1200B via its WiFi network broadcast or an Ethernet cable.

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 use another Internet connection to download the latest firmware from www.cradlepoint.com
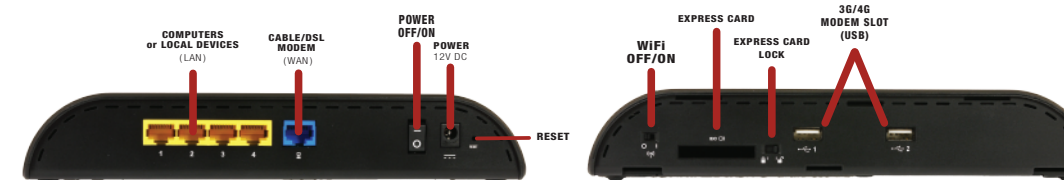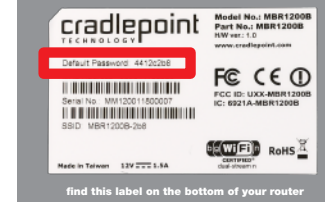to your desktop, then use **MANUAL FIRMWARE UPLOAD** option.

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SPECIAL FEATURES

REMOTE MANAGEMENT
WiPipe™ Central, SNMP v1,2,3

GUEST WiFi NETWORK
Two SSIDs, with individual security settings, separate critical traffic or create a public WiFi hotspot.

WiFi-as-WAN
Enables use as a WiFi repeater, WiFi Bridge or as a WiFi-to-Ethernet adapter for Ethernet-enabled devices.

DATA USAGE MANAGMENT AND ALERTS
Monitor data usage and avoid overages

VPN SUPPORT
IPSec VPN (2 sessions) with GRE tunneling option, also supports pass-through VPN connections (IPSec, L2TP, PPTP)

FAILOVER/FAILBACK
Automatic failover to secondary wireless or wired WAN connection when the primary WAN connection is disrupted.
Automatic failback when primary connection comes back online.

LOAD BALANCING
Distribute traffic across multiple wired and wireless WANs to increase bandwidth and relieve congestions.

RESET: To restore the router to its factory default settings, press and hold the **RESET** button on the side of the router for
ten seconds. Reset returns the login to the **DEFAULT PASSWORD** (the last eight characters of the MAC address)
and resets all configuration changes.

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