

AmpliFi AFi-R-CN

AmpliFi HD WiFi Router (AFi-R-CN) Instruction Manual

Model: AFi-R-CN

INTRODUCTION

The AmpliFi HD WiFi Router is a high-performance wireless system designed to provide seamless whole-home internet coverage. Utilizing 802.11ac technology and mesh networking capabilities, it ensures stable and fast connectivity throughout your home or office. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your AmpliFi HD WiFi Router.

WHAT'S IN THE BOX

Upon unboxing your AmpliFi HD WiFi Router, you should find the following components:

- AmpliFi HD Router Unit
- Ethernet Cable



Image: The AmpliFi HD WiFi Router and two MeshPoints displayed within their product packaging.

SETUP

Setting up your AmpliFi HD WiFi Router is designed to be quick and intuitive using the dedicated mobile application.

1. **Connect the Router:** Connect the provided Ethernet cable from your modem to the WAN port (blue port) on the back of the AmpliFi HD Router. Plug the router into a power outlet.
2. **Download the App:** Download the AmpliFi app from the App Store (iOS) or Google Play Store (Android) on your smartphone.
3. **Launch and Follow Instructions:** Open the AmpliFi app. It will guide you through the setup process, including creating your WiFi network name (SSID) and password.
4. **Add MeshPoints (Optional):** If you have AmpliFi MeshPoints, the app will assist you in pairing them to extend your WiFi coverage. Simply plug them into wall outlets in areas needing improved signal.

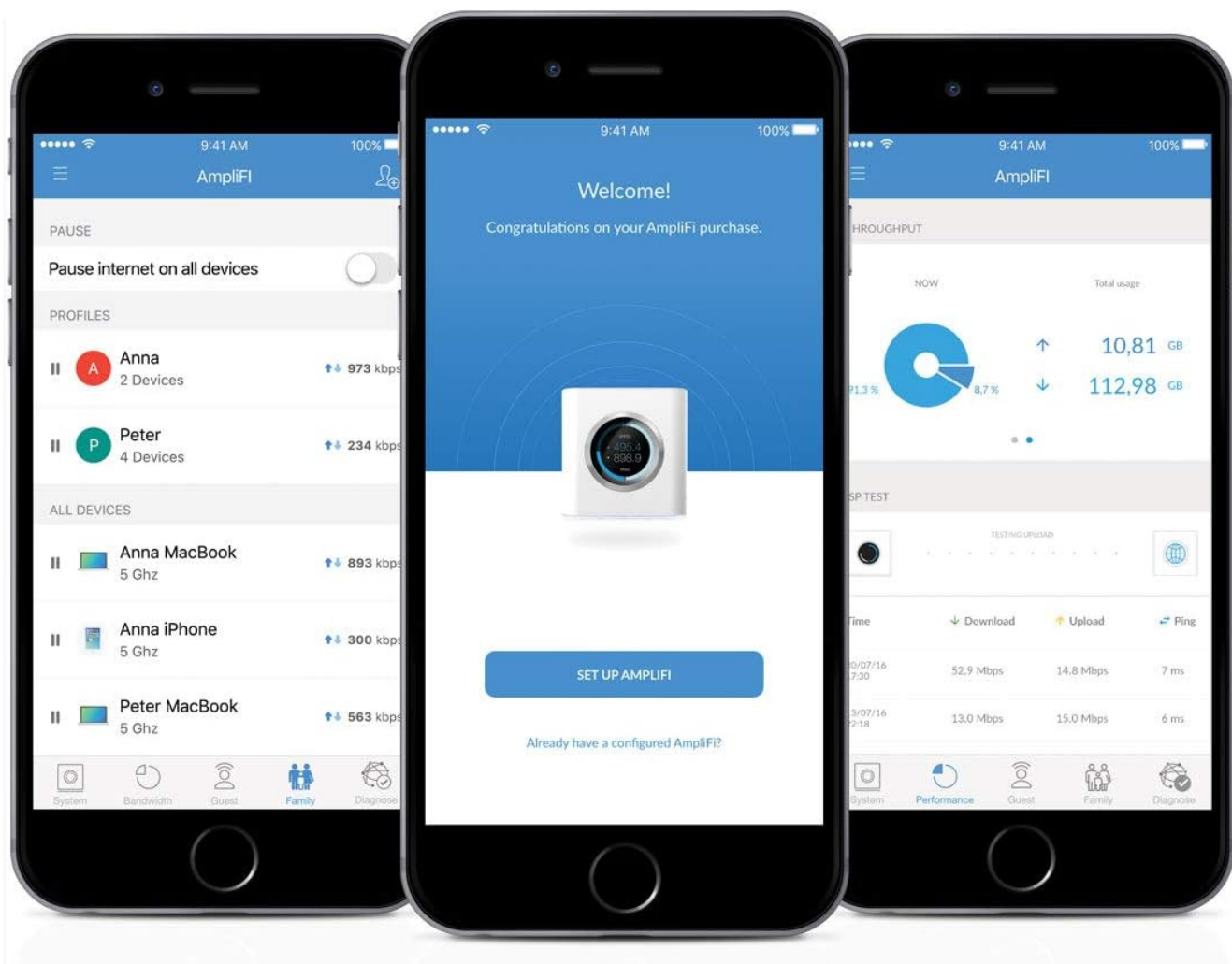


Image: Three smartphones displaying the intuitive AmpliFi mobile application interface, showing network setup, device management, and performance metrics.

OPERATING

The AmpliFi HD Router offers various ways to monitor and manage your network:

- **Touchscreen Display:** The router features an easy-to-use touchscreen display on its front. You can tap or swipe to view real-time network speed, WAN/LAN IP addresses, port status, and other system information.
- **AmpliFi Mobile App:** For comprehensive control and advanced settings, use the AmpliFi mobile app. It provides configuration options, powerful reporting metrics, parental controls, remote access, and easy guest access.



Image: A close-up view of the AmpliFi HD WiFi Router's circular touchscreen display, showing current download and upload speeds in Mbps.

FEATURES

The AmpliFi HD WiFi Router is equipped with several features to enhance your wireless experience:

- **Whole Home WiFi System:** Designed as a complete WiFi system, it provides extensive coverage for standard-sized homes (approx. 6000 sq ft).
- **802.11ac Technology:** Utilizes turbocharged 802.11ac WiFi for faster speeds and better coverage, ensuring optimal connectivity for all your devices.
- **Mesh Technology:** Features mesh technology, allowing for expansion of your WiFi network by adding MeshPoints or additional Routers to eliminate dead zones.
- **Gigabit Ethernet Ports:** Includes four Gigabit Ethernet LAN ports and one WAN port for high-speed wired connections.
- **Intuitive App Control:** Manage your network effortlessly with the user-friendly AmpliFi app for iOS and Android.



Image: The rear view of the AmpliFi HD WiFi Router, highlighting its four Gigabit Ethernet LAN ports and one blue WAN port, along with a USB-C power input.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your AmpliFi HD WiFi Router:

- **Firmware Updates:** Keep your router's firmware updated to benefit from the latest features, security enhancements, and performance improvements. The AmpliFi app will notify you of available updates.
- **Cleaning:** Gently wipe the exterior of the router with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Placement:** Ensure the router is placed in an open area, away from obstructions and other electronic devices that may cause interference.

TROUBLESHOOTING

If you encounter issues with your AmpliFi HD WiFi Router, consider the following steps:

- **No Internet Connection:**
 - Check all cable connections (modem to router, router to power).
 - Restart your modem and then your AmpliFi router.
 - Verify your internet service provider (ISP) is not experiencing an outage.
- **Slow WiFi Speeds:**
 - Ensure your router and MeshPoints are optimally placed, avoiding physical obstructions.
 - Check for firmware updates via the AmpliFi app.
 - Reduce the number of active devices or bandwidth-intensive activities.
- **Factory Reset:** If persistent issues occur, a factory reset can restore the router to its default settings. This typically involves pressing a small reset button on the device (often requiring a paperclip) for a specified duration. Refer to the AmpliFi app or online resources for specific instructions for your model.

SPECIFICATIONS

Feature	Detail
Brand	AmpliFi
Model Name	AFi-R
Item Model Number	AFi-R-CN
Wireless Communication Standard	802.11ac
Frequency Band Class	Dual-Band
Connectivity Technology	Ethernet, Wi-Fi
Special Feature	Access Point Mode, Remote Access, WPS
Compatible Devices	Smart Television, Smartphone
Recommended Uses For Product	Home
Color	Black
Item Weight	2.57 pounds
Package Dimensions	7.32 x 6.22 x 6.22 inches
Date First Available	October 3, 2019

WARRANTY AND SUPPORT

AmpliFi products are designed and manufactured by Ubiquiti Labs, a division of Ubiquiti Networks, a global leader in networking solutions. For warranty information, technical support, or further assistance, please refer to the official AmpliFi website or contact their customer service directly. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question