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Centurylink C3000A

Centurylink C3000A Wireless DSL Modem Router User Manual

Model: C3000A

1. OVERVIEW

The Centurylink C3000A is a high-performance wireless DSL modem router designed to provide reliable internet connectivity for your home or office. It integrates VDSL2 and ADSL2+ technologies for fast download and upload speeds, supporting various intensive online activities. This device features 802.11AC Wi-Fi technology, offering superior wireless performance for gaming, HD streaming, and other high-bandwidth applications. With dual-band capabilities (2.4 GHz and 5.0 GHz), it ensures seamless, uninterrupted multi-device streaming and web browsing. The C3000A also includes four Gigabit Ethernet ports for high-speed wired connections and advanced security features like a built-in firewall and WPA3 encryption to safeguard your network.

2. PACKAGE CONTENTS

Before you begin, please verify that your package contains the following items:

- Centurylink C3000A Wireless DSL Modem Router
- Power Adapter
- Ethernet Cable
- DSL Phone Cable
- Quick Start Guide (if included)

3. SETUP INSTRUCTIONS

Follow these steps to set up your Centurylink C3000A modem router:

1. **Connect the DSL Line:** Connect one end of the DSL phone cable to the DSL port on the back of the C3000A and the other end to your wall's DSL jack. If you have a phone connected to the same line, use a DSL filter (not included) for the phone.
2. **Connect Power:** Plug the power adapter into the 12V==2A Power port on the back of the C3000A and then into a standard electrical outlet. The Power LED on the front panel should illuminate.
3. **Connect a Computer (Optional, for initial setup):** For initial configuration or a wired connection, connect one end of the Ethernet cable to any of the yellow Ethernet ports (1-4) on the back of the C3000A and the other end to your computer's Ethernet port.

4. **Wait for Synchronization:** Allow a few minutes for the modem to synchronize with the DSL network. The DSL 1 and DSL 2 LEDs should become solid green, followed by the Internet LED turning solid green, indicating a successful connection.
5. **Access the Web Interface:** Open a web browser on a connected computer or device. Type the default gateway IP address (usually 192.168.0.1 or 192.168.1.1) into the address bar and press Enter. You will be prompted for a username and password (refer to the label on your device or the Quick Start Guide for default credentials).
6. **Configure Wi-Fi:** Once logged into the web interface, navigate to the Wireless settings. You can customize your Wi-Fi network name (SSID) and password. The default Wi-Fi network name and password are typically found on a label on the modem router.

4. OPERATING INSTRUCTIONS

Once your Centurylink C3000A is set up, you can connect your devices and manage your network.

- **Connecting Wired Devices:** Use Ethernet cables to connect devices like desktop computers, gaming consoles, or smart TVs to the available Gigabit Ethernet ports (1-4) on the back of the modem router.
- **Connecting Wireless Devices:**
 - **Standard Wi-Fi Connection:** On your wireless device (laptop, smartphone, tablet), search for available Wi-Fi networks. Select your network's SSID (the name you configured or the default one) and enter the Wi-Fi password.
 - **WPS (Wi-Fi Protected Setup):** Press the WPS button on the front of the C3000A (labeled "WPS"). Within two minutes, activate WPS on your wireless device. This will automatically connect the device without needing to enter the password.
- **Accessing Router Settings:** To modify advanced settings, update firmware, or check network status, access the web interface using the IP address and credentials mentioned in the setup section.

5. LED INDICATORS

The front panel of the C3000A features several LED indicators that provide information about the modem router's status. Refer to the image below for visual reference.



Image: Front and side view of the Centurylink C3000A Wireless DSL Modem Router. The front panel displays various LED indicators for power, DSL status, internet connectivity, WAN/LAN, Ethernet ports, USB, 2.4GHz Wi-Fi, 5GHz Wi-Fi, and WPS. The side panel shows the power input, USB port, reset button, four Ethernet ports, and two DSL ports.

- **Power:**

- **Solid Green:** Device is powered on.
- **Off:** Device is powered off.

- **DSL 1 / DSL 2:** (Indicates DSL line status)

- **Solid Green:** DSL line is connected and synchronized.
- **Flashing Green:** Attempting to synchronize with the DSL line.
- **Off:** No DSL signal detected or line not connected.

- **Internet:**

- **Solid Green:** Internet connection is active.
- **Flashing Green:** Data is being transmitted or received.

- **Solid Red:** No internet connection.
- **Off:** No DSL synchronization or internet service.
- **WAN/LAN:** (This LED is not explicitly labeled in the OCR, but often indicates WAN/LAN activity. Assuming it's the one below Internet based on common modem layouts.)
 - **Flashing Green:** Data activity on the WAN or LAN ports.
- **Ethernet 1-4:** (For each Ethernet port)
 - **Solid Green:** A device is connected to the port.
 - **Flashing Green:** Data is being transmitted or received through the port.
 - **Off:** No device connected or port is inactive.
- **USB:**
 - **Solid Green:** A USB device is connected and recognized.
 - **Flashing Green:** Data activity on the USB port.
 - **Off:** No USB device connected.
- **WiFi 2.4G / WiFi 5G:** (For each Wi-Fi band)
 - **Solid Green:** The respective Wi-Fi band is active.
 - **Flashing Green:** Data is being transmitted or received over Wi-Fi.
 - **Off:** Wi-Fi band is disabled.
- **WPS:**
 - **Flashing Green (slow):** WPS pairing mode is active.
 - **Flashing Green (fast):** WPS pairing successful.
 - **Solid Green (briefly):** WPS button pressed.
 - **Off:** WPS is inactive.

6. PORTS AND CONNECTIONS

The side panel of the C3000A provides various ports for connecting power, network cables, and other devices. Refer to the image below for visual reference.



Image: Side view of the Centurylink C3000A Wireless DSL Modem Router. This view highlights the physical connection points: a 12V==2A power input, a USB port, a recessed reset button, four yellow Gigabit Ethernet ports (labeled 1-4), and two green DSL ports (labeled 1-2).

- **12V==2A Power:** Connect the provided power adapter here.
- **USB:** For connecting USB devices such as external storage for network sharing.
- **Reset Power:** A recessed button used to restore the modem router to factory default settings. Use a paperclip or similar pointed object to press and hold for approximately 10 seconds while the device is powered on.
- **Ethernet (1-4):** Four Gigabit Ethernet ports for connecting wired devices like computers, gaming consoles, or network-attached storage (NAS) devices.
- **DSL (1-2):** Connect your DSL phone line(s) from the wall jack to these ports.

7. MAINTENANCE

Proper maintenance ensures optimal performance and longevity of your C3000A modem router.

- **Placement:** Place the modem router in a central location, away from obstructions, large metal objects, and other electronic devices that may cause interference. Ensure good ventilation.

- **Cleaning:** Keep the device clean and free of dust. Use a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the manufacturer's website (or your ISP's support page) for firmware updates. Firmware updates can improve performance, add new features, and enhance security. Follow the provided instructions carefully when updating firmware.
- **Restarting:** If you experience network issues, a simple restart (power cycling) of the modem router can often resolve them. Unplug the power adapter, wait 30 seconds, then plug it back in.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your C3000A modem router.

No Internet Connection (Internet LED is Red or Off)

- Check if the DSL cable is securely connected to both the modem router and the wall jack.
- Ensure the DSL 1 and DSL 2 LEDs are solid green. If flashing or off, there might be an issue with your DSL line. Contact your Internet Service Provider (ISP).
- Restart the modem router by unplugging the power adapter for 30 seconds and then plugging it back in.
- Verify your account status with your ISP.

Cannot Connect to Wi-Fi

- Ensure the WiFi 2.4G and WiFi 5G LEDs are solid green. If off, Wi-Fi might be disabled in the router settings.
- Verify you are selecting the correct Wi-Fi network name (SSID) and entering the correct password. Passwords are case-sensitive.
- Move closer to the modem router to improve signal strength.
- Try restarting the modem router.

Slow Internet Speeds

- Restart the modem router and your connected devices.
- Ensure your modem router is placed in an optimal location, free from interference.
- Disconnect any unused devices from your network.
- If multiple devices are streaming or downloading simultaneously, this can impact speed.
- Contact your ISP to check for any network issues or to verify your subscribed speed.

Cannot Access Router's Web Interface

- Ensure your device is connected to the modem router (either wired or wirelessly).
- Verify you are typing the correct IP address (e.g., 192.168.0.1 or 192.168.1.1) into your browser's address bar.
- Try clearing your browser's cache and cookies, or use a different browser.
- Restart the modem router and your computer.

9. SPECIFICATIONS

Feature	Description
Model Number	C3000A
Connectivity Technology	Ethernet, DSL (VDSL2, ADSL2+)
Wireless Communication Standard	802.11ac, 2.4 GHz Radio Frequency, 5 GHz Radio Frequency

Frequency Band Class	Dual-Band
Ethernet Ports	4 x Gigabit Ethernet
Antenna Type	Internal
Special Feature	WPS (Wi-Fi Protected Setup)
Compatible Devices	Laptop, Personal Computer, Smartphone, Tablet
Item Weight	2.03 pounds
Package Dimensions	11.73 x 9.06 x 2.52 inches

10. WARRANTY AND SUPPORT

This Centurylink C3000A Wireless DSL Modem Router is offered as a renewed product. Renewed products are typically backed by a specific guarantee from the seller or platform.

- **Amazon Renewed Guarantee:** This product is eligible for replacement or refund under the Amazon Renewed Guarantee if you are not satisfied with your purchase. Please refer to the Amazon Renewed program terms and conditions for full details regarding the return policy and duration.
- **Technical Support:** For technical assistance, configuration issues, or troubleshooting beyond this manual, please contact your Internet Service Provider (ISP) or the seller from whom you purchased this renewed product. They can provide specific support tailored to your service and the renewed device.

