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Enabling Wireless on the Comtrend Modem

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Please follow the instructions for [How to Install the Comtrend Modem](#) (found inside your Broadband Welcome Packet) before continuing with these steps.

Enabling wireless capability on the Comtrend Modem is easier than ever! Big Bend Telephone has done the configuring for you, and now you are just 8 short steps away from your Wireless connection!

Step 1:

Once you have plugged your computer into the modem, open up an Internet browser. (i.e. Internet explorer, Safari, Mozilla Firefox)



Internet Explorer



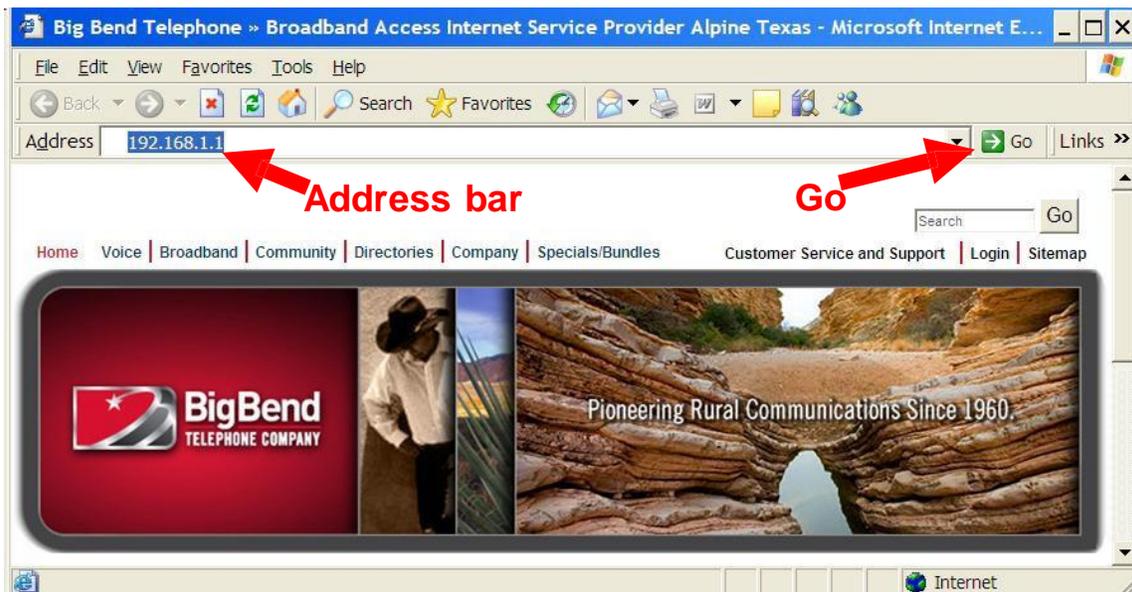
Safari



Mozilla Firefox

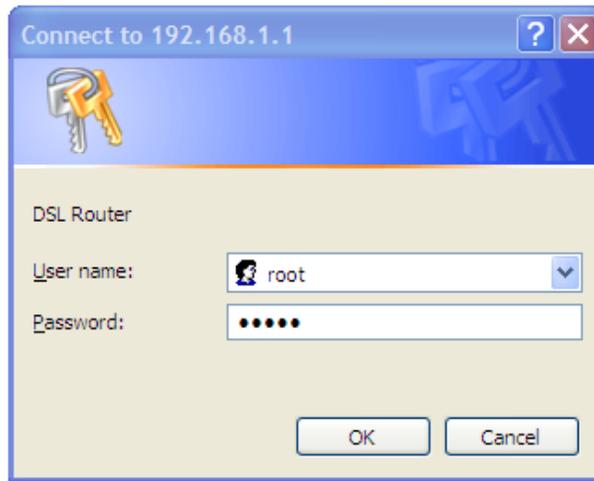
Step 2:

After the Internet browser opens, click on the address bar and type in **192.168.1.1**. Click **Go** or press **Enter**.



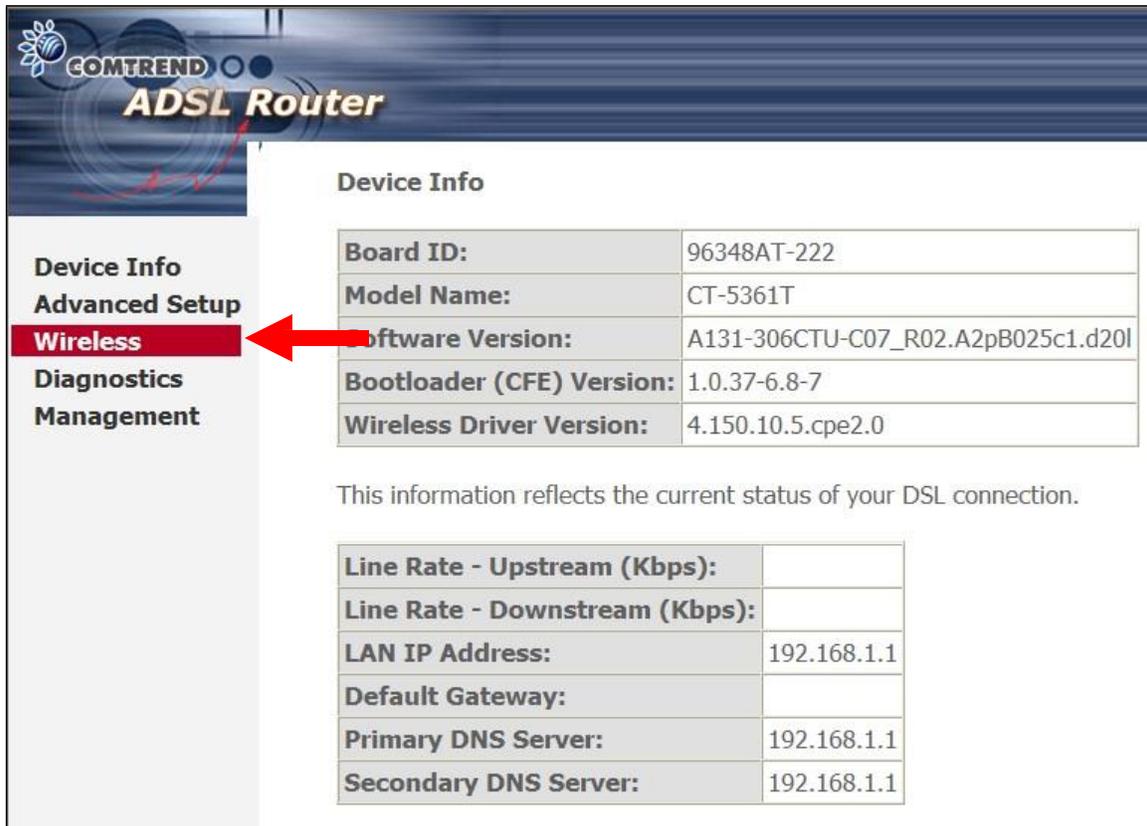
Step 3:

You will get a pop-up window asking you for the User Name and Password. Enter **root** for the username, and **12345** for the password. Click **OK**.



Step 4:

You will then see the main screen of the router interface. Click on the **Wireless** link on the left side of your screen.



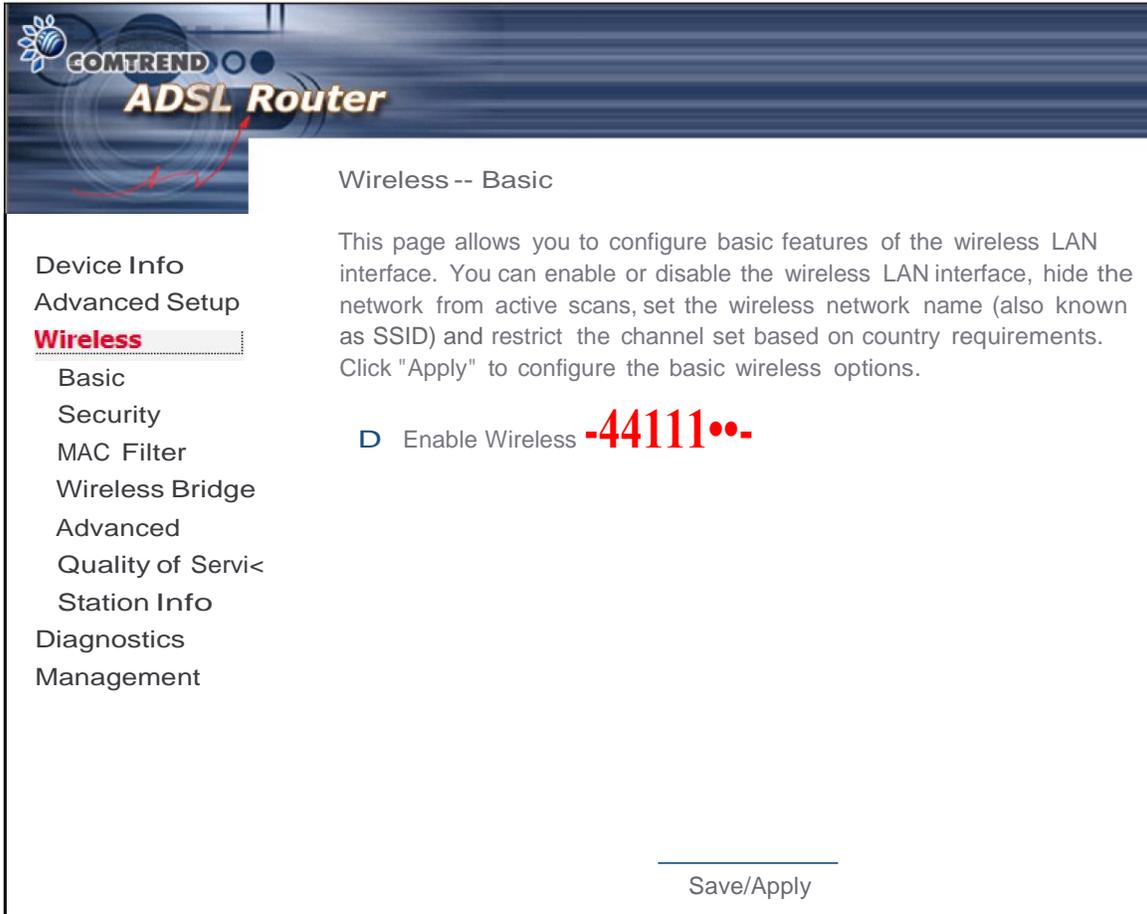
Device Info

Board ID:	96348AT-222
Model Name:	CT-5361T
Software Version:	A131-306CTU-C07_R02.A2pB025c1.d20l
Bootloader (CFE) Version:	1.0.37-6.8-7
Wireless Driver Version:	4.150.10.5.cpe2.0

This information reflects the current status of your DSL connection.

Line Rate - Upstream (Kbps):	
Line Rate - Downstream (Kbps):	
LAN IP Address:	192.168.1.1
Default Gateway:	
Primary DNS Server:	192.168.1.1
Secondary DNS Server:	192.168.1.1

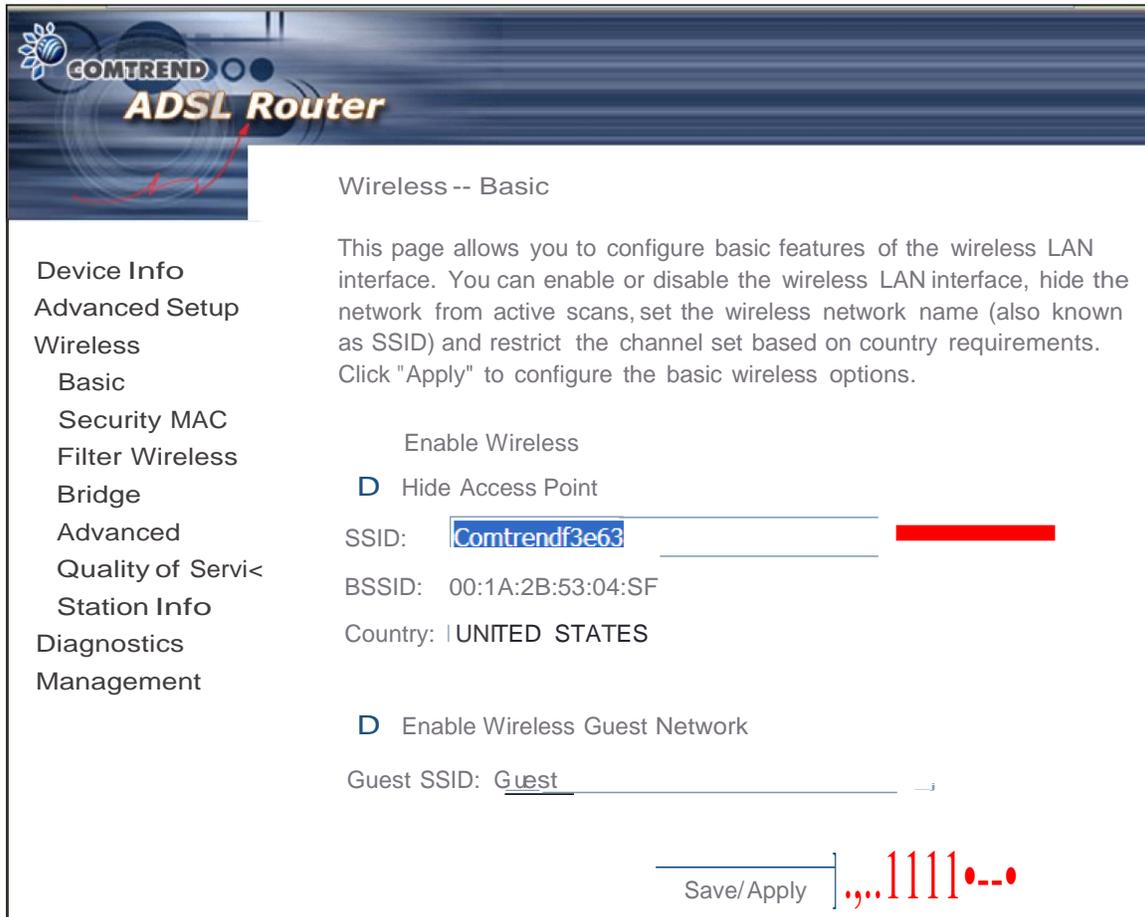
Step 5:
The check box labeled "Enable Wireless" is unchecked. Click on the Enable Wireless box.



The screenshot shows the configuration interface for a Comtrend ADSL Router. The page title is "Wireless -- Basic". A sidebar on the left contains a menu with the following items: Device Info, Advanced Setup, **Wireless** (highlighted), Basic, Security, MAC Filter, Wireless Bridge, Advanced, Quality of Service, Station Info, Diagnostics, and Management. The main content area contains the following text: "This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click 'Apply' to configure the basic wireless options." Below this text is a checkbox labeled "Enable Wireless" which is unchecked. The number "44111" is written in red next to the checkbox. At the bottom right of the page, there is a "Save/Apply" button.

Step 6:

A default wireless network name is shown in the SSID box. The SSID can be changed to anything you want to call the wireless network, such as MY HOME. This will be the network name that is displayed by your wireless client when searching for a wireless network to access. Do not check Hide Access Point unless you are comfortable with accessing a hidden network. Press Save/Apply.



COMTREND
ADSL Router

Device Info
Advanced Setup
Wireless
Basic
Security MAC
Filter Wireless
Bridge
Advanced
Quality of Servi<
Station Info
Diagnostics
Management

Wireless -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click "Apply" to configure the basic wireless options.

Enable Wireless

Hide Access Point

SSID:

BSSID: 00:1A:2B:53:04:SF

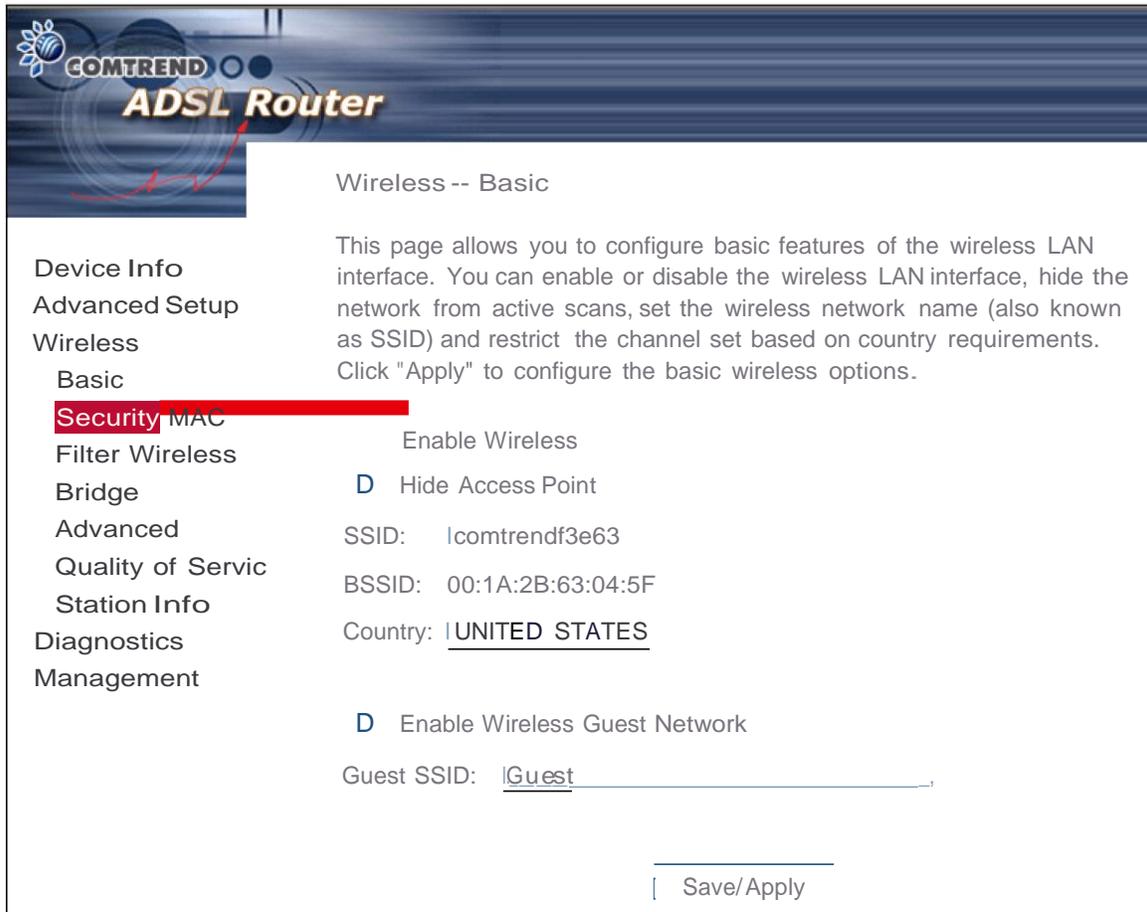
Country: UNITED STATES

Enable Wireless Guest Network

Guest SSID:

Save/Apply 

Step 7:
Once the screen refreshes, click on the Security link on the left side of your screen.



The screenshot shows the configuration interface for a Comtrend ADSL Router. The page title is "Wireless -- Basic". A sidebar on the left contains a menu with the following items: Device Info, Advanced Setup, Wireless (selected), Security MAC (highlighted with a red bar), Filter Wireless, Bridge, Advanced, Quality of Service, Station Info, Diagnostics, and Management. The main content area contains the following text and settings:

Wireless -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click "Apply" to configure the basic wireless options.

Enable Wireless

Hide Access Point

SSID: Icomtrendf3e63

BSSID: 00:1A:2B:63:04:5F

Country: UNITED STATES

Enable Wireless Guest Network

Guest SSID: Guest

[Save/Apply

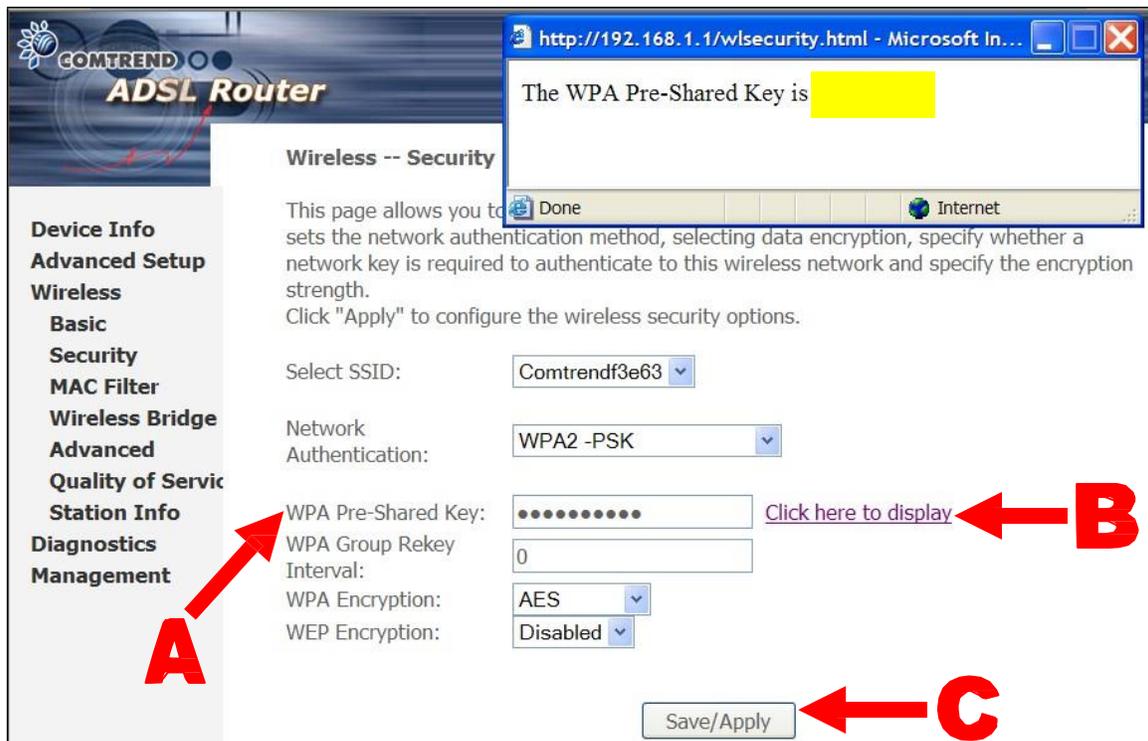
Step 8:

Now you are on the main security page. The Network Authentication and WPA encryption has been preset to WPA2-PSK and AES which is the most secure encryption for a wireless network. Do not change these values unless you are comfortable with wireless encryption methods.

Underneath the Network Authentication box, is the WPA Pre-Shared Key box (“**A**” Arrow), your “key” or passphrase that you will eventually need to enter at your wireless client in order to connect to your wireless router.

Beside the WPA Pre-Shared Key box, you will see a “Click here to display” link (“**B**” Arrow). This will bring up a pop-up box that will enable you to view the pre-set passphrase (highlighted in yellow). You can choose to keep the pre-set passphrase, or you can change it to an easier to remember passphrase by typing in your own passphrase in the box (“**A**” arrow). If you forget your passphrase, you can always follow these steps again to redisplay your passphrase.

Finally, remember to press **Save/Apply** (“**C**” Arrow) in order to save your changes.



You may close your browser now. **Your wireless is now active!**