

Please read first

BT Voyager 2110 Wireless Installation Kit

QUICK START GUIDE

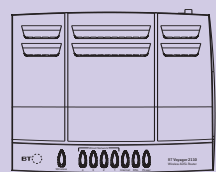


Step 1 START HERE

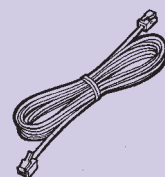
Familiarise yourself with your BT Installation Kit

Thank you for choosing BT Broadband. For a successful installation, please closely follow the simple steps outlined in this Quick Start Guide.

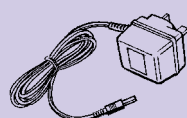
BT Voyager 2110 Router:



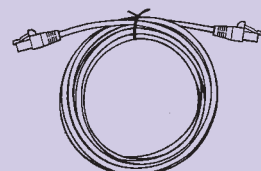
ADSL Line Cord (Grey):



Power supply:



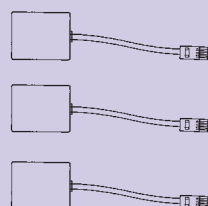
Ethernet cable (Yellow):



Optional: to share Broadband with a wired computer, games console or network

3 ADSL Microfilters:

(1 double socket and 2 single sockets)



Step 2

Install the ADSL Microfilters



A microfilter separates the ADSL signal from your normal phone service, allowing you to use both phone and Internet services on the same line, at the same time. Microfilters will prevent static interference on telephone calls and guard against a slow or intermittent broadband connection.

1 First ensure that:

- Any previously used Broadband router is unplugged from your ADSL line and any USB software used to operate this router is uninstalled from your computer.
- At the telephone wall socket where you are installing your Voyager router, you **MUST** use the double socket microfilter:
 - Unplug your existing telephone handset cable from the telephone wall socket.
 - Plug the microfilter cable marked "Line" into your telephone wall socket.
 - Plug your existing telephone handset cable into the microfilter socket marked "Phone".
 - Plug the supplied ADSL Line Cord (Grey) into the microfilter socket marked "DSL".

Any other device connected to any other telephone wall socket on the same line **MUST** now be fitted with a single socket microfilter. Such devices include additional phone handsets, cordless phone base stations, fax machines or satellite TV boxes etc.

Step 3

Install the BT Voyager 2110 Router

- Plug the Power Supply and the grey ADSL Line Cord into the sockets on the back of the Voyager router (sockets are marked **Power** and **DSL** respectively).
- Plug the Power Supply into the nearest mains socket, ensuring the socket is switched on.
- Press the power switch on the back of the Voyager router (marked On/Off) to switch it on. The **Power** light on the front will turn green.

Top Tips

- If the DSL light keeps flashing:
- Check your ADSL Line Cord and your Microfilters are fitted correctly and securely.
 - Use only the grey ADSL Line Cord provided. Do not use any telephone extension cable.
 - No more than 1 microfilter should be attached to any 1 socket.
 - Ensure there are no other Broadband routers connected to your line.

- Wait up to three minutes until the **DSL** light on the front stops flashing and is solid green. You will not be able to connect to the Internet if the DSL light remains off or is flashing.

Step 4

Set up a Wireless Connection

Most modern Windows laptops and Apple Mac computers have a built-in wireless adapter to connect to a wireless network. However, most Windows desktop PC's do **not**. In the meantime you can connect to your BT Voyager 2110 router using an Ethernet cable connection, skip to Step 5.

Top Tip

If no BTVOYAGER2110-xx appears in the list, check that your Voyager 2110 router is switched on (Power light is green). Your computer may also be out of range of the wireless network. Move closer to reduce the distance.

Windows Operating System

- If your computer does not have a wireless adapter then purchase and install one, following the manufacturer's installation instructions.
- Using the software utility provided with your wireless adapter, scan for available networks then connect to your **BTVOYAGER2110-xx** wireless network.

If more than one **BTVOYAGER2110** appears in the list, your own network can be identified by matching the 2 digits '-xx' with the last 2 digits of the **BSSID** number printed on the label on the underside of your Voyager router.

- You will then be prompted for a **Wireless Network Key**. Your key can also be found on a coloured label on the underside of your Voyager router. After you have connected the wireless network skip to **Step 6**.

Apple Mac Operating System

Follow the instructions below to connect to the BT Voyager 2110 wireless network using an Apple **Airport** card.

- Open the Applications folder on your computer's hard drive.
- Open the **Internet Connect** application and click on the **AirPort** icon in the toolbar.

If you do not see the AirPort icon in the toolbar, you either do not have an AirPort card installed or it has not been installed correctly. For instructions on installing an AirPort card please contact Apple technical support for further assistance.
- If **AirPort** is turned off, click **Turn AirPort On**. Then choose your network from the **Network** pop-up menu.

If more than one **BTVOYAGER2110** appears in the list, your own network can be identified by matching the 2 digits '-xx' with the last 2 digits of the **BSSID** number printed on the underside of your BT Voyager 2110 base unit.
- When you are prompted for a password, click on the **Wireless Security** menu and select **WEP 40/128-bit ASCII**.
- Tick **'Show Password'** then carefully enter the wireless network key that can be found on the coloured label on the underside of your Voyager router.
- Tick the **'Remember password in my keychain'** box and then click **OK**. After you have connected the wireless network skip to **Step 6**.

Step 5 (Optional)

Set up a Wired Connection

In addition to wireless connections, you can also connect computers or games console using up to 4 wired Ethernet connections at the back of the Voyager 2110:

Top Tip

If your computer or games console does not have an RJ-45 socket, then you need to install an 10/100 Base-T Ethernet Network card or a network gaming adapter.

- Locate the RJ-45 Ethernet socket on the back of your computer or games console.
- Connect the yellow Ethernet cable between your computer (or games console) and one of the Wired Network sockets at the back of the BT Voyager 2110 (e.g. '1').
- Restart your computer.

Step 6

Connect to BT Broadband

- Start your Internet Browser and type the following IP address <http://192.168.1.1> into the address bar. Press the Enter key on your keyboard.
- The BT Voyager 2110 Configuration Manager screen will open as below.

Top Tip

If the Configuration Manager screen does not open after a few seconds, see the Troubleshooting steps at the end of this guide.



Advanced Configuration

Click Advanced/Wireless from the left hand side menu of the BT Voyager 2110 Configuration Manager. If prompted for access security details, enter User Name **admin** and Password **admin**.

- Type in the Broadband User Name followed by **@btbb** and then the Password, which you selected on your application.
- Click **Connect**.
- You are now ready to browse the Internet from your computer using BT Broadband. There is no need to repeat this step on all computers. Simply open your Internet browser and you can begin surfing the web.

Troubleshooting

Understanding the lights on the Voyager 2110 Router

Wireless	Green / Blinking Off	Wireless On Wireless disabled* or faulty
Wired 1-4	Green / Blinking Off	Network device connected No device connected or device switched off
Internet	Off Green	Not connected to Internet Connected to Internet
DSL	Green Blinking Off / Blinking for more than 1 min	Connected to Broadband ADSL line Connecting to ADSL. Please wait Not connected to ADSL line or Fault with ADSL connection
Power	Off Solid Green Solid Red Flash Red	Power is off Power is on and device operates normally Power on self-test in progress Firmware upgrades in progress

* The wireless feature can be Enabled/Disabled in the Configuration Manager under **Advanced/Wireless**

Configuring your computer to obtain an IP address automatically

Windows Vista

- 1 Open Network Connections by clicking the **Start** button, clicking **Control Panel**, clicking **Network and Internet**, clicking **Network and Sharing Center** and then clicking **Manage network connections**.
- 2 Right-click the connection that you want to change and then click **Properties**. If you are prompted for an administrator password or confirmation, type the password or provide confirmation.
- 3 Click the **Networking** tab. Under **This connection uses the following items**, click **Internet Protocol Version 4 (TCP/IPv4)** and then click **Properties**.
- 4 Click **Obtain an IP address automatically** and click **Obtain DNS server address automatically**.
- 5 Click **OK** and restart your computer.

Windows 2000/XP

- 1 Click on Windows **Start** menu, then **Settings / Control Panel**, then click **Network Connections**.
- 2 Right-click the connection that you want to change and then click **Properties**.
- 3 Under **This connection uses the following items**, click **Internet Protocol (TCP/IP)** and then click **Properties**.
- 4 Click **Obtain an IP address automatically** and click **Obtain DNS server address automatically**.
- 5 Click **OK** and restart your computer.

Mac OS X

- 1 From the Apple menu, select **System Preferences**.
- 2 Click the **Network** icon.
- 3 From the **Location** drop-down list, select **Automatic**.
- 4 From the **Show** drop-down list, select **Built-in Ethernet**.
- 5 Select the **TCP/IP** tab.
- 6 Configure **TCP/IP** to use **DHCP**.
 - In Mac OS X v10.3/10.4, from the **Configure IPv4** drop-down list, select **Using DHCP**.
 - In Mac OS X v10.2, from the **Configure** drop-down list, select **Using DHCP**.
- 7 Click the **Apply Now** button.

Restart computer

If after setting up your BT Voyager 2110, you cannot connect to the Internet or you have problems using your network:

- 1 Powercycle (turn on & off) the router and restart your computer.
- 2 Try the "Resetting" Section opposite.

Password for Advanced Configuration

If prompted for access security details when accessing Advanced settings please enter the following details.

User Name: **admin**
Password: **admin**

Resetting your BT Voyager 2110 to factory default settings

Note: When your BT Voyager 2110 router is reset, all parameters will be revert back to factory default settings including all passwords and other configuration changes made. If you have changed and then lost your Configuration Manager password, your wireless security settings or if you are having problems connecting to your BT Voyager 2110 and want to start installation again you will need to complete the following steps.

- 1 Ensure your BT Voyager 2110 is switched ON (**Power** light green)
- 2 Locate the **Reset** pin hole at the back of the BT Voyager.
- 3 Insert a paper clip or other thin object to press the button inside.
- 4 Keep the button pressed for 5 seconds until the **Power light** turns red. Your BT Voyager 2110 will reboot.
- 5 Restart your computer.
- 6 Wait 2 minutes for your Voyager 2110 to restart.

If a Dial up networking window appears when trying to connect to the Internet

Windows Operating System

- 1 Select the Windows **Start** menu, then **Control Panel**.
- 2 Click **Internet Options**. Windows XP or Vista users might have to click **Network and Internet Connections** first.
- 3 Click **Connections** tab.
- 4 Click **Never dial a connection** option.
- 5 Click **LAN Settings...** button.
- 6 Tick **Automatically detect settings**.
- 7 Click **OK**.

Note

This will ensure that your Internet browser uses the correct settings to connect to the Internet. For other applications, please refer to their user guides.

For any service or router installation problems please call our Internet technical support team on 1890 923 111. You can also visit our website at www.btireland.ie/help



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