

The following guide is intended to provide some basic information on where to confirm optimal network settings for Zeppelin Air and AirPlay operation when using D-Link network products. Please note that this guide is intended for experienced users only. If you are not comfortable using this guide then we recommend contacting your router manufacturer for support.

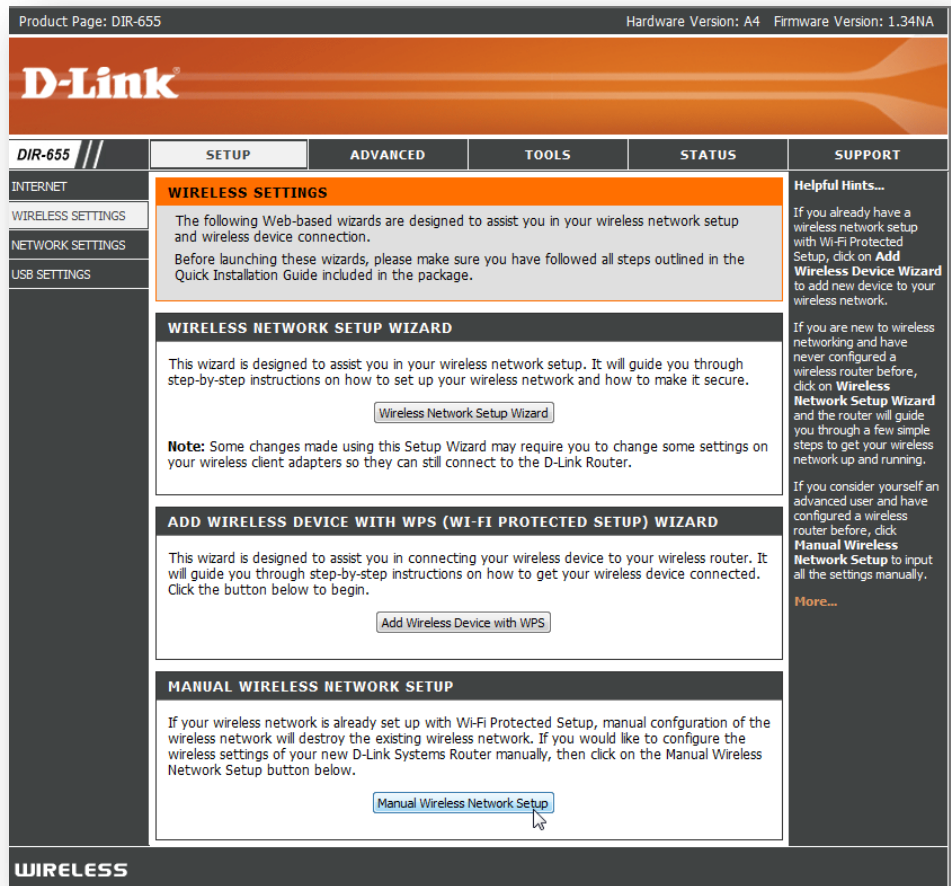
Note that this is a generalization and the exact steps may vary by model.

Recommended network settings:

- The network name and password must contain only alphanumeric characters and cannot contain any special characters (such as !@£\$%^&*()_+':";<>~).
- Your wireless network must be operating in Wireless G only, or Wireless G & N mixed mode.
- The recommended wireless security method is WPA/WPA2 Personal. WPA/WPA2 Enterprise is not supported.

To confirm these settings, launch a web browser program such as Mozilla Firefox, Apple Safari or Google Chrome on a computer that is currently on the same network as the router.

1. Once the web browser is open, enter the following text into the browser’s address bar: “192.168.0.1”, then press Enter.
2. From the D-Link login page that should appear enter “admin” for the username and “password” for the password, then click “Log In”.
3. Once logged in, click the “Wireless Settings” on the left side of the setup screen to view the settings. Select the “Manual Wireless Network Setup” option.



4. Confirm that the Wireless Network Name (SSID) does not contain any special characters.

Product Page: DIR-655 Hardware Version: A4 Firmware Version: 1.34NA

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DIR-655 // SETUP ADVANCED TOOLS STATUS SUPPORT

INTERNET WIRELESS SETTINGS NETWORK SETTINGS USB SETTINGS

WIRELESS

Use this section to configure the wireless settings for your D-Link Router. Please note that changes made on this section may also need to be duplicated on your Wireless Client.

Save Settings Don't Save Settings

WIRELESS NETWORK SETTINGS

Enable Wireless: Always New Schedule

Wireless Network Name: DLink Test Router (Also called the SSID)

802.11 Mode: Mixed 802.11n, 802.11g and 802.11b

Enable Auto Channel Scan:

Wireless Channel: 2.437 GHz - CH 6

Transmission Rate: Best (automatic) (Mbit/s)

Channel Width: 20 MHz

Visibility Status: Visible Invisible

WIRELESS SECURITY MODE

To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.

Security Mode: WPA-Personal

Helpful Hints...

Changing your Wireless Network Name is the first step in securing your wireless network. Change it to a familiar name that does not contain any personal information.

Enable Auto Channel Scan the router can select the best possible channel for your wireless network to operate on.

Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.

If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.

5. On the same page, verify the 802.11 Mode is either "Mixed 802.11n and 802.11g" or "802.11g only".

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- On the same page, scroll down to the “Wireless Security Mode” section to view the security settings. Confirm that Wireless Security is **not** WPA Enterprise or WPA2 Enterprise.

Please note that if the wireless security settings are changed, all wireless devices that connect to the network will also need to be updated with the new security settings.

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WPA

Use WPA or WPA2 mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use WPA2 Only mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use WPA Only. This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.

To achieve better wireless performance use WPA2 Only security mode (or in other words AES cipher).

WPA Mode : WPA2 Only

Cipher Type : AES

Group Key Update Interval : 3600 (seconds)

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