

# How to Upgrade your Dynalink RTA100 Firmware

## **Important:**

**This update is for the RTA100 Modem/Router only - DO NOT perform this update if you have an RTA100+ Modem/Router.**

**Your product should be clearly labelled as “RTA100” or “RTA100+” in the blue oval label. Alternatively you can confirm which model you have, by looking at the rear of the unit. If your product has a port marked “USB” then it is an RTA100+ so DO NOT perform this update.**

## **Who needs this update?**

Users with a Dynalink RTA100 Modem/Router with a firmware version earlier than: VIK-2.1.031128a.

If you already have this version, or a version higher, then you do not need this update.

Before starting, you will need to download two things:

- a. The latest version of firmware for your router
- b. The Dynalink Express-Setup application for configuring your router. (For PC users. Mac users see footnote.)

These files can be obtained from the Dynalink website or by clicking the links below:

[http://www.dynalink.com.au/files/12082003\\_2.1.031128a.zip](http://www.dynalink.com.au/files/12082003_2.1.031128a.zip)

<http://www.dynalink.com.au/files/rta100-500express-setup.zip>

Also before starting, you need to make sure that you have no programs running. Save all files and close all applications.

When you upgrade your firmware, all settings in your router will be reset to factory defaults. If you have any NAT or IP Filter rules configured, then you will need to record these by hand. Also, have your ISP details handy to reconfigure the modem after the firmware upgrade.

1. Disconnect the telephone cable from your router. This will prevent anyone accessing the internet when you are upgrading.
2. The firmware you downloaded is a compressed file. Use WinZip or similar to open it.
  - a. Extract “TEImage” from that file.
  - b. Save the file to somewhere easy to access, like your desktop.

3. Open your web-browser (Internet Explorer or Safari).
  - a. In the address bar at the top, type in: 192.168.1.1 and press enter.
    - i. NOTE: if you have changed your LAN IP address of your router, you will need to use that alternate IP address.
  - b. You may be prompted for a username and password. Use the defaults which are: "root" and "root".
    - i. If it has been changed from the defaults, then use those. If you haven't, and the defaults don't work, then contact whoever set up your modem.
4. In the router configuration page, click on Admin, and go to Commit and Reboot.
  - a. From Reboot Option, select "Reboot from Default Configuration" and click Reboot.
  - b. Wait until the LAN light turns green again on the router and click the Admin Tab again. If it does not come up, wait five seconds and try again.
5. Now, click on Local Image Upgrade.
  - a. Click Open, and browse to the "TEImage" file you saved earlier. Click Open.
  - b. Now click "Upload".
    - i. NOTE: Very Important: When upgrading the router, DO NOT attempt to "refresh" the page or access the internet.
    - ii. DO NOT turn the router off! This will permanently damage the routers firmware, and is not fixable.
    - iii. The page will refresh itself when it is done, and inform you what is happening in green text.
6. After the upgrade has completed, the router will restart (or ask you to restart it manually. If so, please turn the router off, and on.).
  - a. PC Users: Go to Start > Run > type in:  
arp -d 192.168.1.1 [enter]
  - b. Mac users, you will need to restart your computer.

The Router has now been upgraded, and you are running the latest version of firmware. You will now need to configure your modem to get on the internet.

7. If you are a PC/Windows user, then you can use the Express-Setup application to configure your router.
  - a. Open the Express Setup file you downloaded. Save all the files in that ZIP file onto your desktop.
  - b. Now double-click on the expressSetup program on your desktop.
  - c. Select your ISP from the list and enter your details if needed. Click “Set” and wait for a response. When it has finished, click exit.

You should now be up on the internet. If you had previously changed your routers IP address, or access passwords, then you will need to configure those again.

Macintosh users:

For setup instructions for your ISP, refer to the Dynalink-branded CD that you got with the router. If you were not supplied with that CD, then contact your Service provider for configuration help.