# Airconsole Firmware Upgrade for Original v1.02 Firmware

Note: This upgrade procedure is only intended for original devices running version 1.02 or 1.03 of the Airconsole firmware. Later firmware revisions should be updated using the built-in web-based updater at http://<Airconsole IP>/firmware.asp

Requirements

- Computer with LAN port running Microsoft Windows (XP or later) or OSX (10.6 or later)
- Physical Ethernet cable connection to Airconsole from Computer
- Airconsole unit running firmware version 1.02
- a FAT-formatted USB thumb drive containing only the files bootstrap.bin and the new Airconsole firmware (e.g. airconsole-1.04.bin)
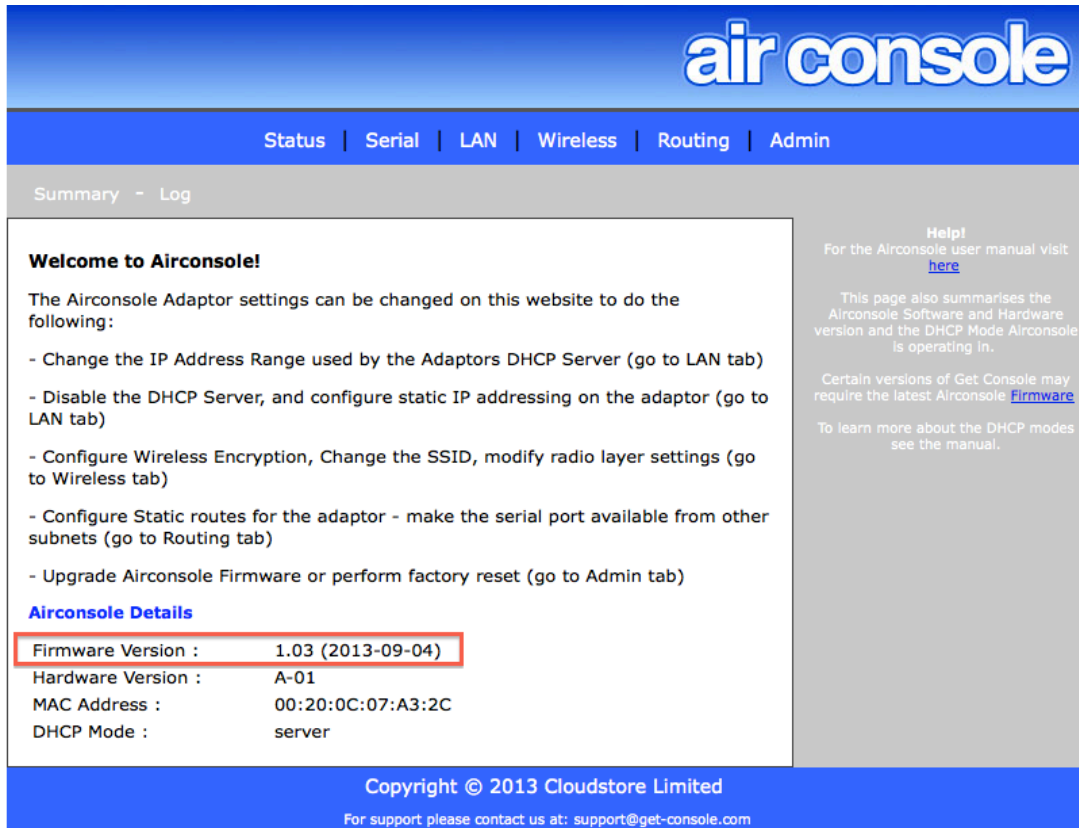
Firmware Upgrade Preparation (Windows and OSX)

1. Power on the Airconsole unit and wait for it to boot

2. Ensure that your computer is connected to the Ethernet port of the Airconsole via cable only. **Connecting via WiFi can lead to an upgrade failure and a broken device**

3. Ensure that you know the IP address of the Airconsole unit and you can connect to the web interface using the default password of "**admin**".
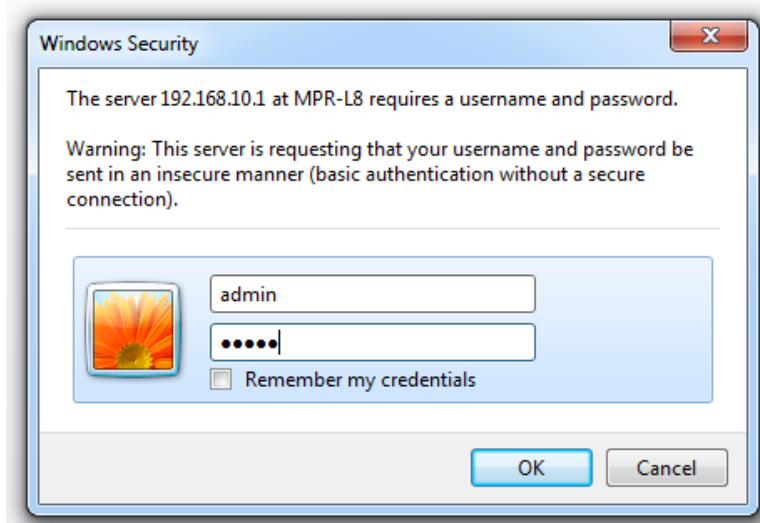
If the password has been changed from the default, you should change it back to "admin" (it can be changed again after the upgrade). Make a note

of the current firmware version and build date. In example below the version is 1.03 and build date is 2013-09-04.
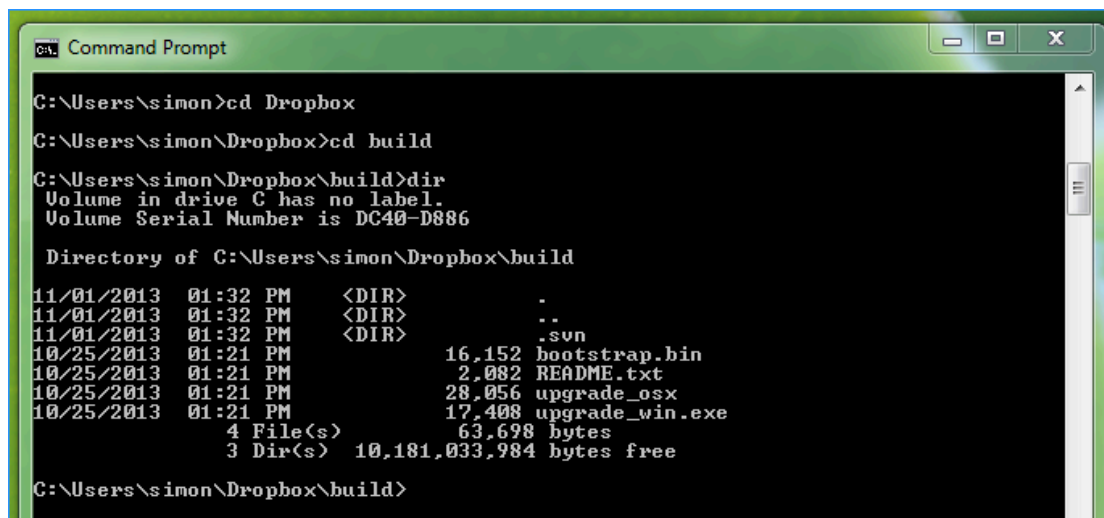

4. Copy the files **bootstrap.bin** and the new Airconsole firmware file (e.g. **airconsole-1.04.bin**) to a **FAT-formatted** USB thumb drive. The drive should contain **no other files**
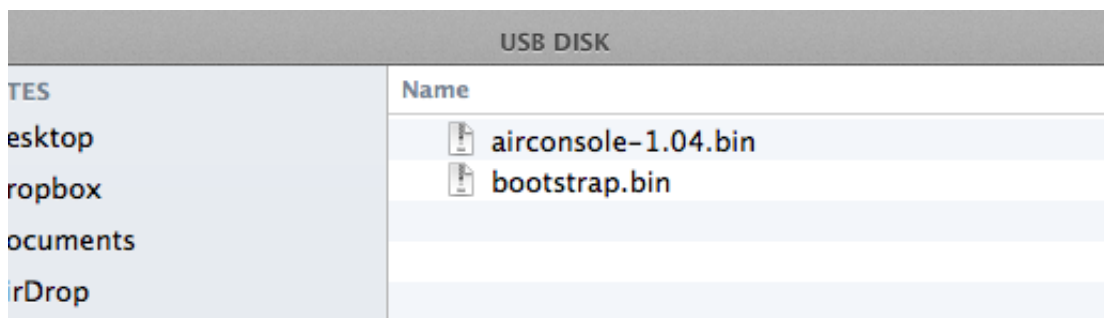
5. Connect this USB drive to the Airconsole USB port and proceed to launch the Windows or OSX upgrade program depending on your operating system.

Firmware Upgrade Method for Windows

The upgrade_win.exe program must be run from a windows command prompt. Open up a command prompt window and navigate to the directory on your PC that has the upgrade_win.exe file.

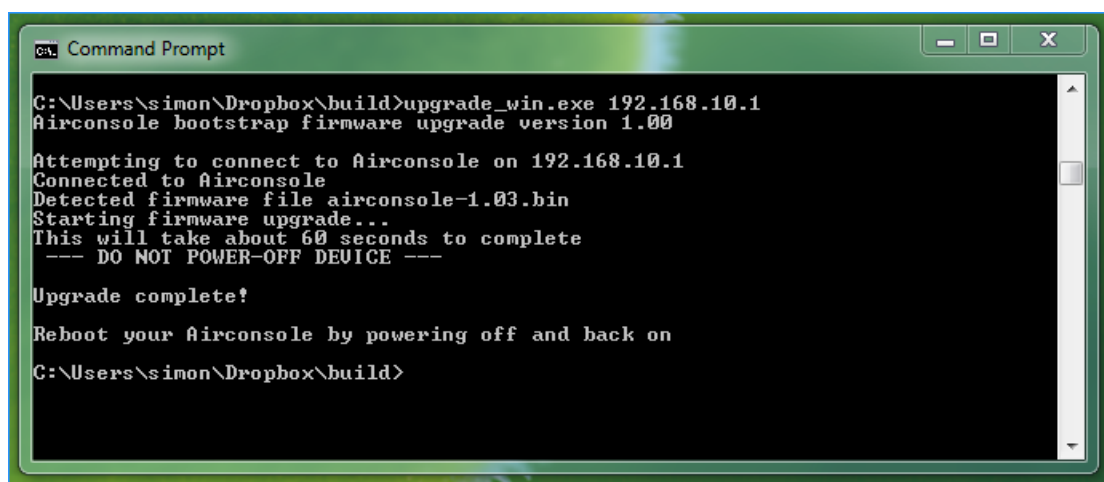Start the upgrade with the command: **upgrade_win.exe 192.168.10.1**

- The upgrade process will then perform some basic tests before starting the upgrade process
- During the upgrade process it is important that you do not power off your device until instructed - doing so may leave your Airconsole unusable
- The upgrade process should take around 1 - 2 minutes to complete.

After the upgrade process has completed, power cycle the Airconsole unit by turning it off and then on again. Wait for about 40 seconds until the blue light on the top of the Airconsole has been blinking for around 10 seconds.

Login again to the Airconsole webpage at 192.168.10.1 and observe the updated firmware version and/or build date.

For more details visit the website http://www.get-console.com/airconsole

Firmware Upgrade Method for Mac OSX

The upgrade_osx program must be run from a terminal prompt. Open up a terminal window and navigate to the directory on your mac that has the upgrade_osx file.

From a terminal window run the following command (replacing the IP address with the actual IP address of the Airconsole unit if it is not 192.168.10.1)
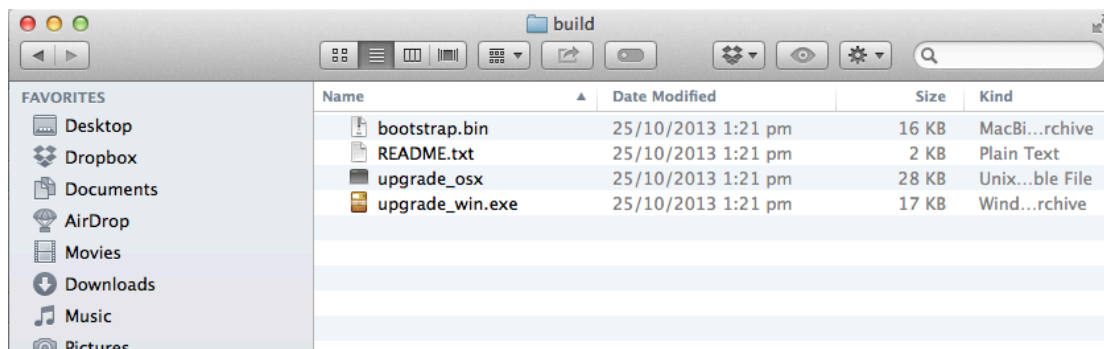
./upgrade_osx 192.168.10.1

```
simon-hopes-macbook-pro-2:build simon$ ./upgrade_osx 192.168.10.1
Airconsole bootstrap firmware upgrade version 1.00

Attempting to connect to Airconsole on 192.168.10.1
Connected to Airconsole
Detected firmware file airconsole-1.03.bin
Starting firmware upgrade...
This will take about 60 seconds to complete
 --- DO NOT POWER-OFF DEVICE ---

Upgrade complete!

Reboot your Airconsole by powering off and back on
simon-hopes-macbook-pro-2:build simon$
```

- The upgrade process will then perform some basic tests before starting the upgrade process
- During the upgrade process it is important that you do not power off your device until instructed - doing so may leave your Airconsole unusable
- The upgrade process should take around 1 - 2 minutes to complete.

After the upgrade process has completed, power cycle the Airconsole unit by turning it off and then on again. Wait for about 40 seconds until the blue light on the top of the Airconsole has been blinking for around 10 seconds.

Login again to the Airconsole webpage at 192.168.10.1 and observe the updated firmware version and/or build date.

For more details visit the website http://www.get-console.com/airconsole