

### About this Update

This update provides the ability to store the device configuration to non-volatile flash memory that will survive a reboot when the internal backup battery cell is depleted.

This update was created to resolve issues experienced by some users where the backup battery life is insufficient in applications where the device is powered off regularly or for extended periods.

Several caveats should be noted before using installing and using this update:

- i. As the IP is also stored in the default configuration, it can not be changed once the default configuration has been set (the ability reset the IP address to factory the default of 192.168.178.178 via the rear panel will continue to work).
- ii. Once a default configuration has been stored, it can only be removed by re-loading the firmware, which will clean everything back to factory default
- iii. Due to the internal formatting and copying required to store a default configuration, you may experience the GUI disconnecting from the AV Revolution. Simply reconnect if this occurs.

### Version Information

Software Component	Version	Developer Release	Download File
AV Revolution Software GUI	2.22	30 April 2013	AV-REV_install-2.2.2.exe
AV Revolution Firmware	2.19	30 April 2013	AV-REV-Update-2-19.upd

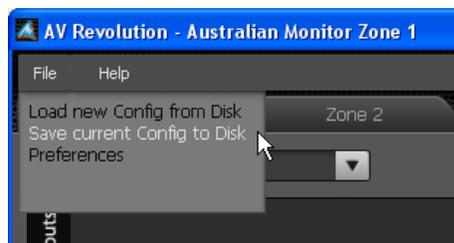
### Important Information

#### Save the device configuration before upgrading the firmware

The loaded configuration data is cleared when updating the firmware. Save the device configuration before updating the firmware.

Open the AV Revolution Application; connect to the AV Revolution and save the existing configuration to your computer before proceeding with the firmware upgrade.

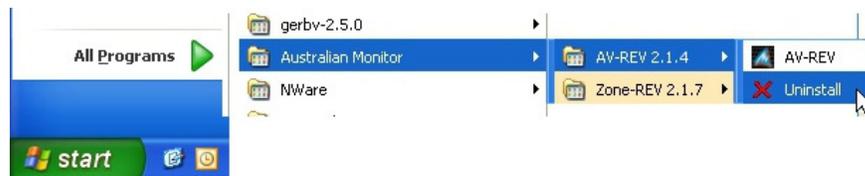
The current configuration may be saved by selecting File→Save existing Config to Disk.



### Update Instructions

#### How to install or upgrade the Software GUI:

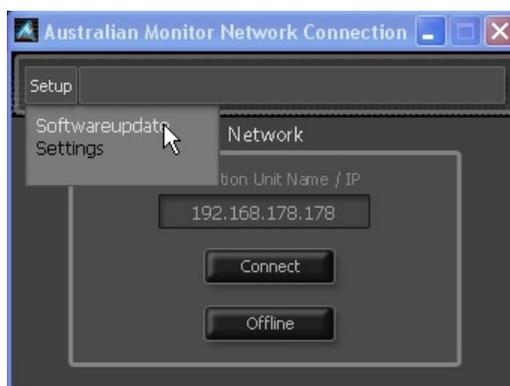
1. Remove any previously installed version of the AV Revolution Application.  
This is achieved by running:  
Windows Start Menu → All Programs → Australian Monitor → AV-REV → Uninstall.



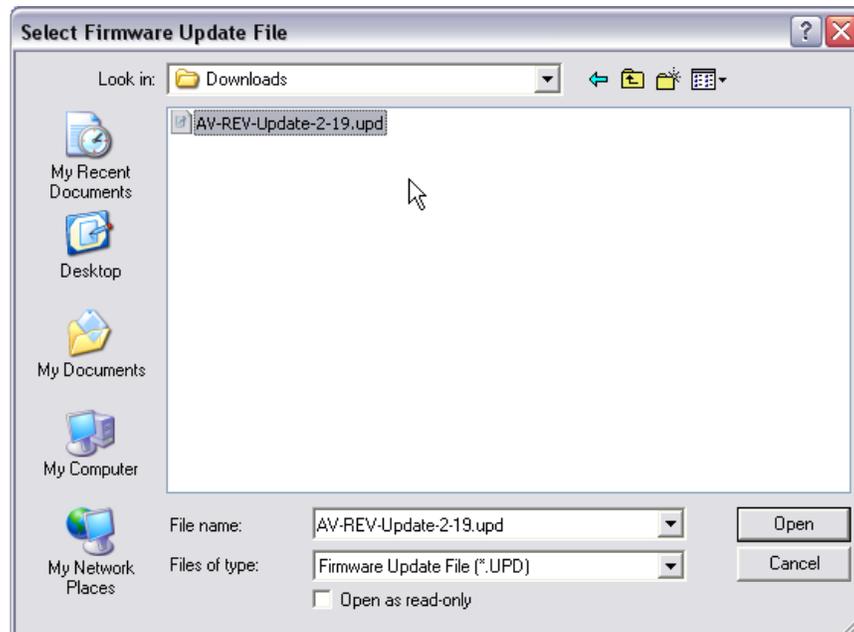
2. Download the latest AV Revolution software installer AV-REV\_install-2.2.2.exe
3. Run the installer.
4. Read the presented License Agreement and select “Accept” to proceed with the installation.
5. Once the installation is complete, the installed application may be executed from the Windows Start Menu → All Programs → Australian Monitor → AV-REV.

#### How to Upgrade the Revolution Firmware:

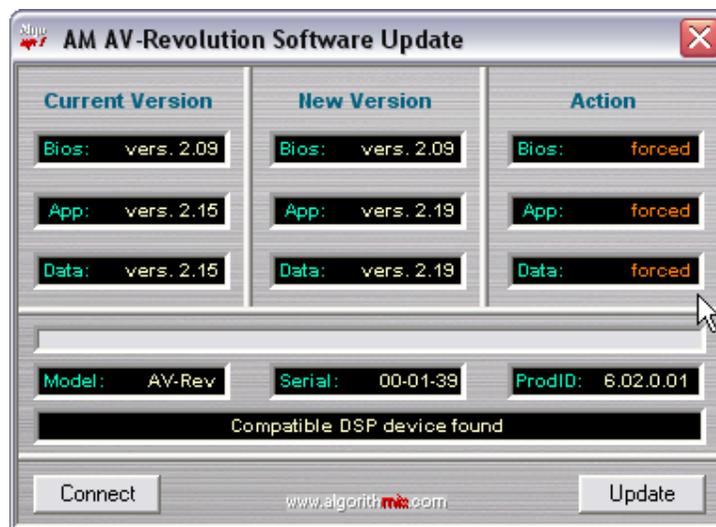
1. Download the latest AV Revolution firmware file AV-REV-Update-2-19.upd
2. Connect the device to be updated to your PC LAN port.
3. Close the GUI completely and reopen it but don't hit the “connect” button on the connection window
4. Go to the drop down menu at the top and select “Softwareupdate”



5. Once the file selection box opens, browse to where ever you saved the firmware file, select the downloaded firmware update, and click “Open”.

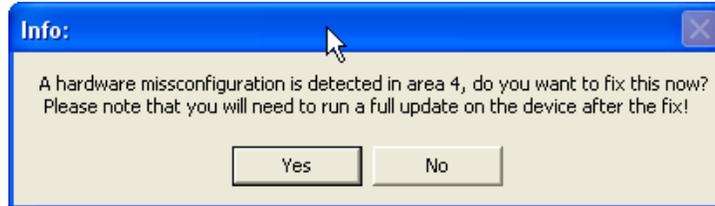


- The following Software Update window will open and within a few seconds data indicating both the current version installed and also the new version downloaded will be provided as per the example below
- Under “Action”, click each window until “Bios”, “App” and “Data” actions each indicate “forced”.



- Click the “Update” button in the lower right hand corner.
- Click “Yes” to the update warning prompt.
- At this point the update program will commence updating the Revolution hardware.

11. If the following prompt appears, select "Yes".



12. Once the update is complete, a prompt should appear indicating the update was successful, click "OK" and close the updater window.
13. Select "Yes" when asked "Do you want to reboot the device?"
14. Once the unit has restarted, connect with the GUI and re-load the previously saved device configuration.

### NOTES

- i. The first connection following a firmware update will drop off-line soon after the GUI is run and connected. This is normal, simply reconnect by clicking the "DISCONNECTED" button located top-right of the GUI. This situation only occurs once following the firmware update.
- ii. Should the Revolution fail to reboot following the firmware update, cycle the power to the unit.

## Important Information



Once the Revolution firmware has been updated, do not use the older "Emergency Update" or "Revolution Firmware Recovery" tools. These tools are no longer compatible with the new firmware and GUI updater.

### Storing a Default Configuration

The running configuration may be stored as the new default configuration by opening the Presets page (Advanced -> Presets) and selecting the Store button at the bottom of this page, as indicated in red below.

Once stored, the AV Revolution will load the stored default configuration each time the device is booted, regardless of the internal backup battery health.

With a stored default configuration set, the battery is not required and may also be removed if preferred, although removal is not necessary for normal operation.

