

About this Update

This update provides improved firmware that addresses occasional hardware crashes, front panel display issues and minor GUI corrections and improvements.

Version Information

Software Component	Version	Released	Download File
Software GUI	2.01 build 920	18 Nov 2010	AV-REV_Install-2.1.0.exe
AV Revolution Firmware	2.0.2	18 Nov 2010	AV-REV-Update-2-02.upd

Update Instructions

How to install or upgrade the Software GUI:

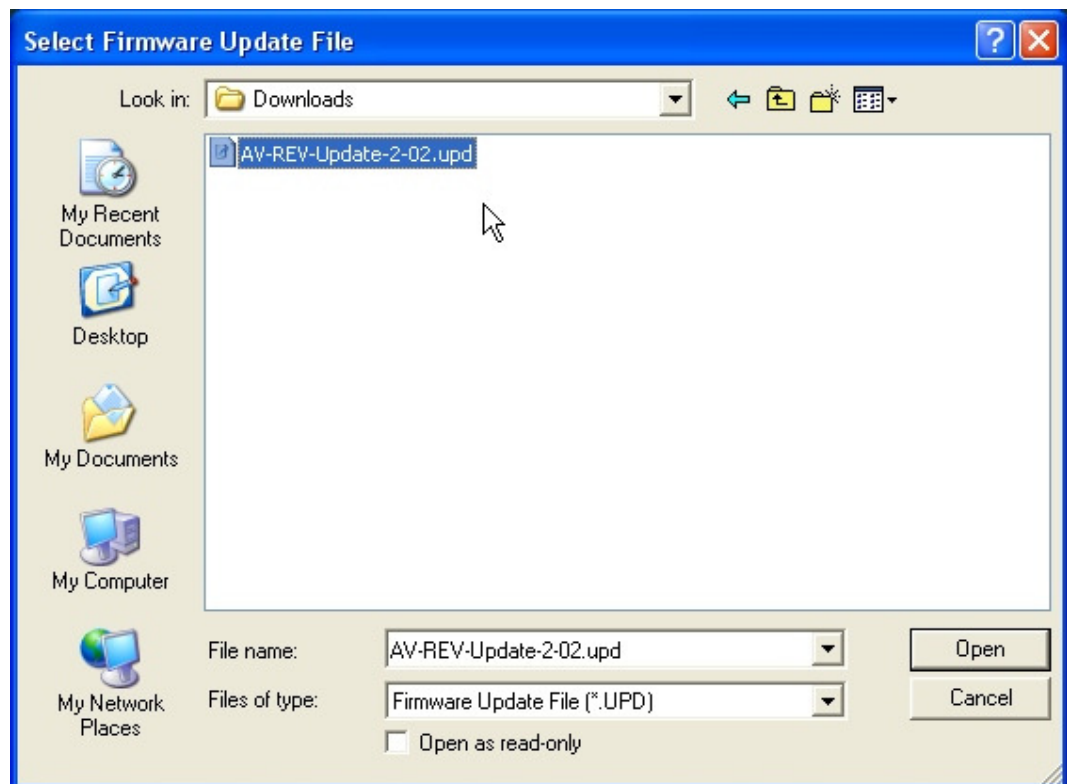
1. Download the latest AV Revolution software installer AV-REV_install-2.1.0.exe
2. Run the installer.
3. If an older version was previously installed, a dialog asking "Do you want to uninstall the previous installation now?" will be presented. Select YES and also YES when prompted to confirm the removal.
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:

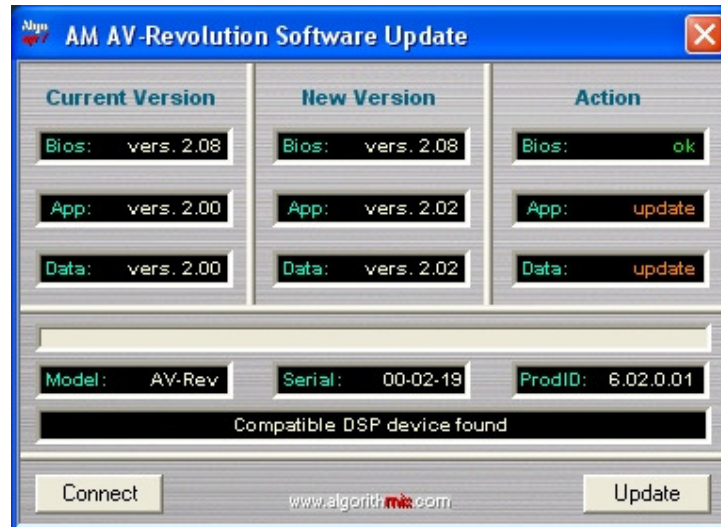
1. Download the latest AV Revolution firmware file AV-REV-Update-2-02.upd
2. Make sure you have a valid connection to the unit, e.g. make sure the GUI connects.
3. Close the GUI completely and reopen it but don't hit the "connect" button on the connection window
4. Go to the drop down menu at the top and click "Softwareupdate"



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



6. 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. Also, both “App” and “Data” actions should indicate “update”.




7. Click the “Update” button in the lower right hand corner.
8. Click “Yes” to the update warning prompt.
9. At this point the update program will commence updating the Revolution hardware.
10. Once the update is complete, a prompt should appear indicating the update was successful, click “OK” and close the updater window.
11. Select “Yes” when asked “Do you want to reboot the device?”
12. Once the unit has restarted, rerun the GUI Application and connect.

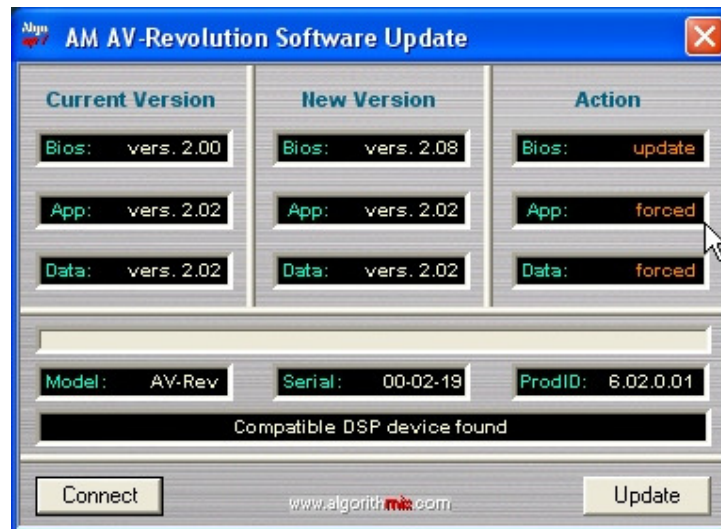
NOTES

- 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.
- iii. Should the unit not reboot after cycling the power, follow the “How to recover from a failed firmware update” procedure provided.

How to recover from a failed firmware update

 The following recovery process requires access to the Revolution internals and subsequent exposure the lethal mains voltage. The following process should be performed by a suitably skilled and authorised technician and all precautions to avoid electric shock should be taken.

1. Download the "EmergencyUpdate.exe" updater and save this to the same folder as the firmware update downloaded previously.
2. Copy the required firmware .upd file as "AlgoHUP.upd" in the same location as the previous step.
3. Remove the Revolution from it's instillation position and remove the power and the lid.
4. Locate the "FLG" button situated near the watch battery on the board closest to the front panel.
5. Press gently and hold this button down while applying the power to the unit until the LED marked "D10" flashes quickly.
6. Release the FLG button.
7. The unit is now running the emergency bootloader. The IP address is fixed as 192.168.178.178.
8. Set the IP address of your PC/Laptop to 192.168.178.170 with a subnet mask of 255.255.255.0.
9. Run the "EmergencyUpdate.exe" updater.
10. Click "Connect" and wait for the information boxes to be filled.



11. Ensure both "App" and "Data" actions are "forced". These will most likely be green showing "ok". Click them to change them to "forced" as in the above example.
12. Click the "Update" button in the lower right hand corner.
13. Click "Yes" to the update warning prompt.
14. At this point the update program will commence updating the Revolution hardware.
15. Once the update is complete, a prompt should appear indicating the update was successful, click "OK" and close the updater window.
16. Select "Yes" when asked "Do you want to reboot the device?"
17. Once the unit has restarted, rerun the GUI Application and connect.

NOTES

- i. You may then alter the IP address of your Revolution unit and PC as required.

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- ii. If the above recovery process is not successful, you may try again and failing that contact Australian Monitor for assistance.

