

Installing new firmware to your Realiser A16

Rev 1.91 May 31 2020

Updating your A16 with rev 1.91 MAY 31 2020 is only necessary if your A16's firmware is older. The current revision of your firmware is found in SETTINGS>UPDATES/ABOUT as described below in step 5. If an update is required please begin with **STEP 1**. This firmware update is simply to fix bugs introduced in revision 1.90. Please refer to the rev 1.90 update instructions for more information on new features.

Issues addressed in this update

(all hardware variants)

- 1) In firmware 1.90 a bug was introduced whereby an audio mute was not reliably cleared when selecting CO-AXIAL or OPTICAL inputs. This has been rectified in rev 1.91.
- 2) In firmware 1.90 a bug was introduced whereby pressing the ADJ- key would occasionally cause the audio source to change from HDMI (1) to HDMI (2). This has been rectified in rev 1.91.
- 3) A bug in the 'virtual' PCM sound room bass management mode ignored the volume setting for the redirected bass signal. This has been rectified in rev 1.91

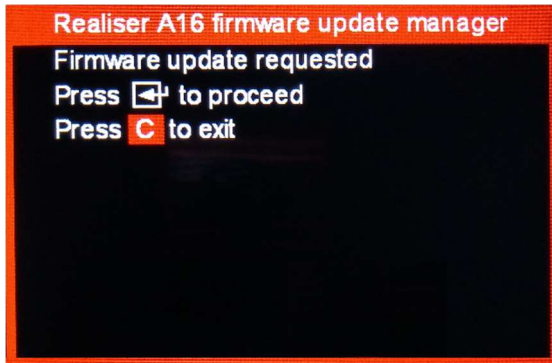
A16 Firmware update procedure

(all hardware variants)

STEP 1. The new firmware for the Realiser A16 is uploaded through the micro-SD card slot on the front panel. First, obtain a micro-SD card (commonly 16 GB) and ensure it is formatted as FAT32. Second, create a 'realiser' folder in the root directory and copy the firmware file FIRMA001.SVS into the realiser folder. Insert this micro-SD card into the slot on the front of your A16.

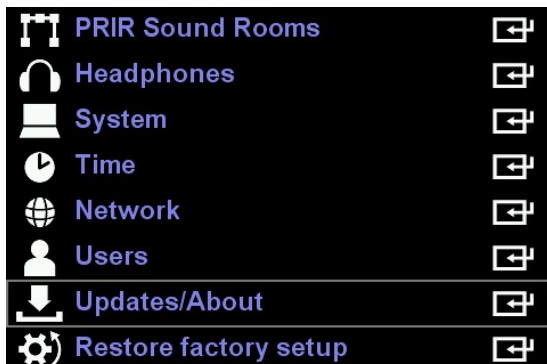
STEP 2. Power up the A16 ensuring the power indicator LED is steady green. You can power it up using the remote control or by momentarily depressing either User A or User B volume knobs. Now turn off the A16 by pushing in and holding in the User A volume knob for at least 3 seconds. The LCD screen will switch off and the power indicator LED will turn red. Release the User A volume knob.

STEP 3. Push in and hold in the User B volume knob and, simultaneously, push in and release the User A volume knob. Then release the User B volume knob. The action of holding in B and depressing A activates the firmware update manager as shown below. The power indicator LED will also be blinking green.

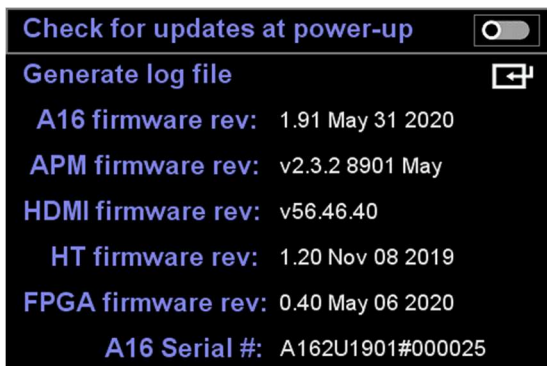


STEP 4. Using the remote control, press the ENTER key twice to begin the firmware update. The A16 will enter a long period (20-30 minutes) of authenticating the software, loading and rebooting. When the unit first reboots it will begin updating the firmware for the individual hardware modules. After the individual firmware modules have been reprogrammed the unit will reboot using the normal power-up sequence to the Speaker Map display for User A.

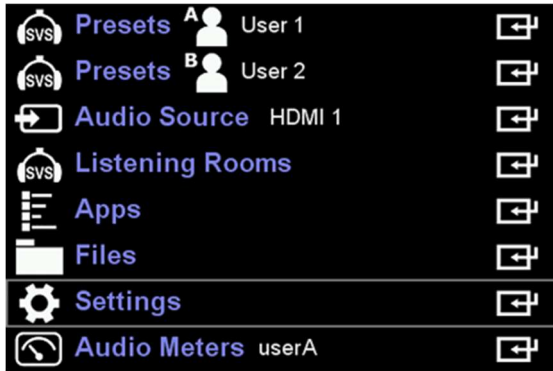
STEP 5. To confirm the firmware update was a success please check the revision numbers displayed in UPDATES/ABOUT accessed via the SETTINGS page.



Confirm the A16 firmware revision is 1.91 May 31 2019.



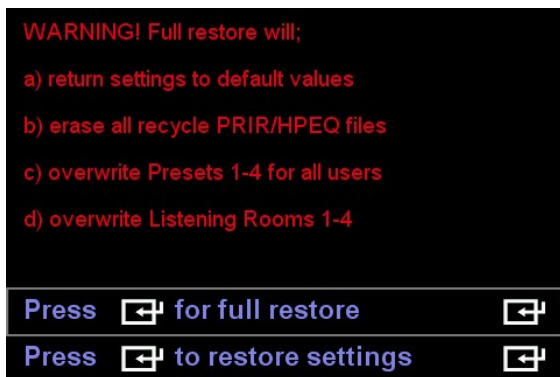
STEP 6. The firmware update is now complete. A full restore must be run in order to properly initialize new menu features First press BACK and then navigate to 'Settings' and press ENTER.



Then navigate to 'Restore factory setup' and press ENTER again.



Select 'full restore' and press Enter again.



The full restore will take approximately 10 minutes to complete, thereafter the A16 will automatically return to the User A Speaker Map display.

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