

V1.2.1 is a firmware maintenance release for the SQ series of digital audio mixers.

Note Refer to the Allen & Heath web site www.allen-heath.com for:

- The latest information on SQ Series products
- The Allen & Heath support Knowledgebase

Note Firmware files are included in this archive as *.bin files. Ensure you have the correct file for the SQ model you are updating.

File: **SQ-5** = SQ-5UPG_1_2_1r2400.bin
 SQ-6 = SQ-6UPG_1_2_1r2400.bin
 SQ-7 = SQ-7UPG_1_2_1r2400.bin

Note When updating the SQ firmware from V1.0.0 all current settings will be reset, and all existing saved data (Scenes/Shows/Libraries) will be incompatible. This is not the case when updating from any subsequent version of firmware.

Note Format your USB device using the SQ mixer format utility. Not all USB devices will be compatible with the SQ mixer. Use the device only for the SQ mixer once you have formatted it and checked it to work correctly with the mixer.

Note SQ-Drive audio recording and multitrack playback require the USB storage device to support high sustained transfer rates. Not all USB devices will guarantee flawless performance. For best results, it is recommended that an external HDD or SSD is used rather than a USB 'stick' drive.

Note USB streaming is compatible with Mac / Windows PC computers. SQ is Core Audio compliant, and will work with macOS 10.12 (Sierra) or later. Windows ASIO/WDM drivers must be installed prior to use with a Windows computer. Check www.allen-heath.com for the latest SQ Windows drivers and installation guide.

Note Firmware V1.2.0 introduced SQ 'Upgrades'. The free 'Tube Stage' preamp included in firmware V1.1.0 will need to be added to SQ units by registering the unit and obtaining an Upgrade Key from shop.allen-heath.com. More information can be found on this website and in the reference guide.

V1.2.1

Additional Features:

'Setup > Audio > I/O Port' screen added.

Support for SQ4You personal monitoring app added.

Issues fixed:

ID-933: Resetting GEQ whilst in Fader Flip mode for an Aux locks out Aux Mix Keys

ID-978: Channel fader can become locked when adjusting simultaneously with multiple control methods (surface, network)

Known Issues – SQ-Drive:

An unformatted USB storage device plugged into SQ-Drive is not always recognised. You may need to first format the USB device on a PC or mac (FAT 32), before formatting again using the SQ. Loss of power or unplugging a device during multi-track or stereo record may result in the current recording being lost.

Known issues – Firmware update whilst connected via USB-B:

When connected via USB-B, SQ may not install firmware correctly from a USB device. Disconnect the USB cable before attempting an update.

Known issues – Firmware update does not install on both images:

The SQ has a main image and back-up image for stability and redundancy. If an update has been carried out, and the SQ boots into an older firmware, the update should be carried out again to ensure both images are running the same version.

Known issues – Scene/Show compatibility:

Due to changes in patching and the structure of saved files, scenes and shows created with V1.0.0 are not compatible with later firmware releases.

Previous Versions

V1.2.0 Feature release

- D-Classic Automatic Mic Mixing added.
- Support for DX-Hub.
- 'Chorus' and 'Noo Phaser' FX units added.
- Assignable Channel Colours.
- Factory Processing Libraries added.
- Input to PAFL source point selection added.
- ID-839: Fix UDP port numbers to allow port forwarding.
- ID-784: Match Frequency and Width values on PEQ screen to hardware.
- ID-739: Add categories to FX Library.
- ID-447: Enable selection of 'Processing' or 'Routing' screen key before selecting channel.
- ID-852: Channel settings recalled incorrectly when changing channel stereo status
- ID-812: Stereo width changes can cause issues when switching channels back to mono
- ID-804: AR/AB units can dropout or enter update mode
- ID-803: Static IP settings not updating correctly
- ID-723: Changing gate sidechain source from 'self' on SLink input channel mutes audio
- ID-726: Selecting PAFL on SQ-MixPad changes 'Sel' on surface
- ID-721: 'PAFL Follow Mix' does not work in 'Fader Flip' mode
- ID-468: Master fader does not update when level changed on SoftRotary
- ID-437: Next scene does not update after scene name change
- ID-634: Surface can freeze with bad connection to SQ-MixPad app

V1.1.0 Feature release

- 'Tube Stage' DEEP Preamp model added.
- Support for SQ-MixPad app added.
- ID-536: Library closes on recall.
- ID-478: Unassign button added to Insert screen.
- ID-626: PAFL of mix channels sourced pre-delay.
- ID-702: Group routings non-persistent.
- ID-290: Secondary Remote Audio Units enumerated correctly.
- ID-686: AR84 supported as only connected device.
- ID-713: Fix for DX preamp control.
- ID-616: Provision of firmware updates to AR Remote Audio Units.
- ID-722: I/O patching now shows 'live' patching to non-preamp connections.
- ID-714: Input fader now updates correctly when mixing to group.

V1.0.1 Maintenance release

- ID-704: I/O screen updates to improve usability.
- ID-537: Confirmation before deleting or overwriting libraries added.
- ID-626: PAFL of mix channels now sourced pre-delay.
- ID-619: Open stereo channel routed to GEQ caused noise on boot.
- ID-486: Corrected preamp control logic when switching mono to stereo or stereo to mono.
- ID-567: Resetting Main LR routing caused fader/audio mismatch.
- ID-461: Channel names now updated on stereo SQ-Drive screen.

V1.0.0 Initial firmware release for SQ mixers.