

V1.96 is a maintenance firmware release for the Qu series digital audio mixers.

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

- Instructions on how to update Qu mixer firmware
- The latest information on Qu Series products
- The Qu mixer Knowledgebase

Note The firmware files are packaged as .zip archives. Choose the firmware file for your model of Qu mixer. There are five firmware files available for download. Choose the correct file for your model of mixer. To ensure compatibility, update all your Qu mixers to the same version number.

File download:

Qu-16	=	Qu16UpdtV1_96_4571.zip
Qu-24	=	Qu24UpdtV1_96_4571.zip
Qu-32	=	Qu32UpdtV1_96_4571.zip
Qu-Pac	=	QuPacUpdtV1_96_4571.zip
Qu-SB	=	QuSBUpdtV1_96_4571.zip

Note Updating the Qu firmware does not affect the mixer settings. The current settings and stored scenes and libraries are retained.

Note Qu mixer firmware and Qu-Pad / Qu-You / Qu-Control apps compatibility. The version number is shown as V1.Nm where 'N' is the feature version number, and 'm' is the maintenance number. To be compatible, the mixer and app must have the same V1.N number. The maintenance number can be different.

Note We recommend you turn off your iOS device 'Auto update' setting. This is to avoid unexpected version incompatibility when new firmware and app updates are released. If a new version of the app is flagged on the app then check the Allen & Heath web site for the associated new mixer firmware. Update both together.

Note Updating the Qu-You app to V1.9 will unassign the selected Mix. Channel assignments to the four group wheels will not be affected.

Note The maximum number of Qu-Pad / Qu-You / Qu-Control app connections supported is 8. You can connect a maximum of 2 iPads running Qu-Pad, and a maximum of 8 iOS and Android devices running Qu-You or Qu-Control, but the maximum total connections must not exceed 8 apps.

Note Only one TCP MIDI connection is supported. This is in addition to the Qu-Pad and Qu-You connections detailed above.

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

Note Qu-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. To find out more please refer to the 'Understanding Qu-Drive and USB' document in the Qu [Knowledgebase](#) on the Allen & Heath web site.

Note USB streaming is compatible with Mac / Windows PC computers. Mac OSX versions currently supported are 10.13 (High Sierra), 10.12 (Sierra), 10.11 (El Capitan), 10.10 (Yosemite), 10.9 (Mavericks), 10.8 (Mountain Lion), 10.7 (Lion), and 10.6 Snow Leopard. Windows requires installation of the Qu Windows driver – check the driver documentation for details on supported Windows OS.

Improvements:

- Support for latest AR2412, AR84 and AB168 hardware following component changes.
- Support for latest Qu hardware following component changes.

Known Issues - Qu-Drive:

An unformatted USB key plugged into Qu-Drive is not always recognised by the mixer. You may need to first format the USB key on a PC or Mac (FAT 32), then try to format it again on the Qu mixer.

Loss of power or unplugging a USB key or hard drive during multi-track or stereo record may result in the current recording being lost.

Known Issues - Qu-Drive - SanDisk:

Some SanDisk USB devices will not enumerate correctly, this can lead to a system lock-up until device is removed.

Known issues – other:

When linking to an SQ mixer over dSnake, the toolbar doesn't display a dSnake icon, and the dSnake inputs and outputs on the Patch screens are shown as 'Not Connected' (N/C). Audio is not affected.

Turning off the mixer whilst connected to a PC may lock up the PC USB system.

Known issues – Qu-You:

Recalling a Scene or Show whilst continuously moving a group wheel on the app may result in the send levels of the new Scene / Show being overwritten by the app.

Operating devices running Qu-You out of Wi-Fi range or with poor Wi-Fi connection may cause degraded system responsiveness and loss of connection of all connected Wi-Fi devices. For best performance ensure good wireless coverage. Search our [Knowledgebase](#) for advice on routers and access points.

Previous versions

Version 1.95 - Maintenance release. July 2018

- Changes to USB-B streaming to improve stability with some computers/USB hosts.

Version 1.94 - Maintenance release. April 2018

- Changes to the enumeration of USB drives to better handle some devices.

Version 1.93 - Maintenance release. January 2018

- Addition of a spectrogram to the Qu-Pad app.
- Follow fader option added to Automatic Mic Mixer.
- Ability to send/receive audio to/from an SQ mixer via the dSNAKE <-> SLink connection.

Version 1.92 (Qu-SB only) - Maintenance release. June 2016

Version 1.90 - Feature release. May 2016

- Support of Qu-SB, an ultra-compact digital mixer designed for iPad control.
- ProFactory Library presets for industry standard Shure and Sennheiser microphones.
- Various enhancements to the Qu-Pad iPad app - now provides full control of mixing and setup settings.
- Support of Qu-Control customisable iOS app.
- Mix select SoftKey function.

Version 1.82 - Maintenance release. November 2015

Version 1.80 'Chrome' - Feature release. October 2015

- Automatic Mic Mixer (AMM) for conference speech control
- Mix mode for Stereo Groups for more monitor sends
- Spectrogram
- Admin user password now affects Qu-Pad app login
- Qu-You user password set at the mixer for Qu-You app login
- Audio setup, AMM, linking, routing and matrix functions added to the Qu-Pad app
- High Pass Filter (HPF) slope increased from 12 to 18dB/octave
- Reset default for Scene Global Filter now blocks Custom Layer and SoftKey settings
- LR routing function assignable to the Qu-Pac Qu-Control screen
- Qu-Pac reset default for CH17-32 source is dSNAKE 1-16

Version 1.73 - Maintenance release. June 2015

Version 1.71 - Maintenance release. April 2015

Version 1.70 - Feature release. March 2015

- Support of Qu-Pac compact fader-less mixer, including Qu-Pac Channel screen and customizable Qu-Control screen.
- Channel Ducker.
- Flexible dSNAKE Input patch.
- Support of two simultaneous Qu-Pad connections.
- Option for Processing screen to follow Channel Strip operation.
- Talkback and Channel Mute added to SoftKey options.
- Copy / Paste / Reset keys now also work with touchscreen Processing tabs.
- Processing In / Out keys now also available in the Processing screen.

Version 1.60 - Feature release. October 2014

- Support of Qu-You personal monitoring app.
- Increased number of factory Libraries.
- Latching Talkback option.
- PAFL follow Mix option.
- Mac OS X 10.10 'Yosemite' support.
- Error reporting in Qu-Drive multitrack recording.
- Faster boot up time.
- HPF now included in PEQ Libraries.
- Persistency of 'Recall Preamp' Library option.
- Persistency of keyboard caps-lock state.
- Several user interface improvements including faster scrolling of list boxes and alphabetical sorting of Libraries.

Version 1.50 - Feature release. June 2014

- Addition of 4 DCA Groups.
- Channel naming and name sync to iPads and ME-1.
- Flexible output patch on dSNAKE AudioRacks and Monitor sends to ME-1.
- USB recording source can now be set to Insert Send or Direct Out.
- MMC (Midi Machine Control) added to the MIDI screen and SoftKeys functions.
- DAW Bank control added to SoftKeys (for use with DAW Control driver).
- Support for Qu-32.
- Support for AB168 portable rugged AudioRack.
- Auto mute on Phantom Power change.

Version 1.40 - Feature release. April 2014

- Per Scene Recall Filters added.
- User Permissions added – 3 Users = Admin, Standard, Basic.
- FX User Libraries added.
- RTA Peak Band indication added.
- Qu-Drive transport functions added to the SoftKeys.
- Copy/Paste/Reset of Preamps.
- Windows driver for multitrack streaming.

Version 1.31 - Maintenance release. February 2014

- Support for Broadcast Wave Format (BWF) audio wav file playback.

Version 1.30 - Feature release. February 2014

- Support for the new Qu-24 mixer which adds Groups and Matrix.
- Qu-Pad 'Metering' page added for meters, Mute/PAFL status and RTA overview.
- Per track patching for USB Audio outputs (Qu-Drive and USB B).

Version 1.20 - Feature release. December 2013

- MIDI Strips added and DAW MIDI control for Mac computers.
- GEQ and PEQ now available on all mixes and LR.
- User Libraries for input channels and individual processing.

- USB Scene and Library transfer added.
- More Scene functions added.
- Copy/paste/reset of GEQ and Mix parameters added.
- Single key Assign and Pre Fade of all channels to mixes added.
- More screen toolbar status items added.
- Qu-Pad naming, Mute Group, FX tap tempo and clock/battery status added.

Version 1.12 - Maintenance release. October 2013

Version 1.11 - Maintenance release. September 2013

Version 1.00 - First release of Qu-16 firmware. May 2013