Qu Mixer Firmware Version 1.31 Release Notes

February 2014

V1.31 is the first release of theQu-16 and Qu-24 V1.3 feature set available for web download.

Note Refer to the Allen & Heath web site for:
- Instructions on how to update Qu mixer firmware
- The latest information on Qu Series products
- The Qu Learning Centre
- The Qu mixer Knowledgebase

Note Choose the firmware file for your model of Qu mixer. There are two firmware files available for download, one for the Qu-16, the other for the Qu-24. Choose the correct file for your mixer. To ensure compatibility, update all your Qu mixers to the same version number.

Note Qu mixer and Qu-Pad app firmware 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, make sure both have the same V1.N number. The maintenance number can be different.

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

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 it only for the Qu mixer once you have formatted it and checked it to work correctly with the mixer.

Note Use a USB hard disk drive, not a key, for Qu-Drive audio recording. However, you can use a USB key (memory stick) for firmware update and data file transfer. Do not use solid state drives (SSD). 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 a Mac computer only**. Windows PC is not supported. Mac OSX currently supported are 10.9 (Mavericks), 10.8 (Mountain Lion), 10.7 (Lion), and 10.6 Snow Leopard. The Allen & Heath DAW Control MIDI driver is available for the Mac computer.

Note – **The Qu Network port supports one connection only**. It is not possible to run more than one iPad (Qu-Pad app), or to access other TCP/IP controls at the same time as using an iPad.

Note – **Using dSNAKE for remote inputs does not add channels to the Qu mixer**. Choose either local (rear panel) or remote (dSNAKE) Preamp input for each channel.

Version 1.31 - **Maintenance release.**   February 2014

File download: Qu-16 = Qu16UpdtV1_30_2966.QUU

Qu-24 = Qu24UpdtV1_30_2966.QUU

Feature added:

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

Issues fixed:

The following issues affected only first production Qu-24 mixers loaded with V1.30 firmware:

ID_1132:   SoftKeys could be operated while the surface was locked. The changes would take effect when the surface was unlocked.

ID_1128:   A loud pop could be heard on power up if the FX were routed to the mix and audio was present.

ID_1123:   The Matrix output balance would not be blocked if the Global Filter Outputs 'Faders' item was blocked.

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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.

Known issues – Other:

If you downgrade from V1.3 to V1.2 you will need to carry out a system hard reset after downgrading to ensure correct version compatibility of V1.2 Shows created after downgrading. Refer to the Qu User Guide for instructions on resetting the mixer.

Some USB noise can be heard on the ST3 input channel when the top panel ST3 mini-jack input is selected as its source and nothing is plugged in. Mute this channel or turn its fader off when it is not being used. The noise is not present when an audio source is plugged in.

On some earlier Qu-16 mixers, plugging a low impedance signal into a local preamp socket while 48V phantom power is switched ON can cause an audible click at outputs even if the channel is muted. To avoid this plug the source in before turning 48V on.

Version 1.30 - Feature release. February 2014

This version was loaded only into first production Qu-24 mixers shipped from the factory and was not published on the Allen & Heath web site. The first available web download of the V1.3 feature set for Qu-16 and Qu-24 is release V1.31.

Features added:

- Support for the new Qu-24 mixer which adds Groups and Matrix:

	Qu-16	Qu-24
Mic/Line inputs	16	24
Stereo Line inputs	3	3
Mono mixes	4	4
Stereo mixes	3	3
Stereo Groups	-	2
Stereo Matrix	-	2
FX / Send buses	4 / 2	4 / 4
SoftKeys	4	10
USB streaming Out/In	24/22	32/30

- 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).
  Note - When upgrading from V1.2 to V1.3 the Qu-Drive Stereo default patching will change from ST1 to LR. The USB B streaming and Qu-Drive Multitrack and Stereo recording share Track 17-18. The user can now patch any combination of Qu signals to the USB channels.

Improvements:

- Channel Gate meter lower section dark green shows 'noise' signal up to -40dB.
- '0dB' line added to GEQ display.
- Setup menu structure changed for quicker access to Output Patching.

Features not yet supported in V1.3:

- Per scene Recall Filters
- User Permissions

Issues fixed:

ID_983:   'Next' Scene would not update correctly in the screen toolbar if you highlighted a scene previously named with 22 or more characters using a version of V1.1 firmware.

ID_966:   Recalling a Channel Library with a different Preamp source would not show the correct source on the Fn key Source screen.

ID_965:   Qu-Drive stereo playback would stop updating its progress bar when a simultaneous stereo recording was stopped.

ID_750:   A SoftKey could remain lit when assigned as FX Tap Tempo and its associated Delay FX was changed to a different non-delay effect.

Previous versions

Version 1.20 - **Feature release.**   December 2013

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