

V1.40 is a new feature firmware release for the Qu-16 and Qu-24 digital audio mixers.

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 Mac and Windows PC computers. 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. Windows support for Vista (32bit), Windows 7 (32 and 64 bit), Windows 8 (32 and 64 bit).

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.

Note – From V1.3 onwards, the Qu-Drive Stereo output patch is assigned using Qu-Drive Multitrack/USB B streaming tracks 17-18. The default patch for tracks 17-18 changed from ST1 to LR in V1.3. This was because Qu-Drive Multitrack and Stereo recording shared track 17-18 as part of the V1.3 upgrade to allow full patching of all channels. Users can now patch any combination of Qu channels to the Qu-Drive Multitrack/USB B streaming tracks. All pre V1.30 scenes will be affected by this change as well.

Version 1.40 - Feature release. March 2014

File download: Qu-16 = Qu16UpdtV1_40_3232.QUU
 Qu-24 = Qu24UpdtV1_40_3232.QUU
 Qu_DriverSetup_v2.20.2.exe (Windows driver)

Feature added:

- 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.

Improvements:

- PEQ band fill colours added.
- PEQ bell/shelf changed using screen rotary only.
- FX Libraries can be accessed from FX Send and Return strips.
- '0dB' markers added to screen level controls.
- Channel no longer mutes whilst channel delay is changing.

Issues fixed:

ID_1042, ID_580, ID_867, ID_1004, ID_1121: General improvements in USB-A and USB-B recording/streaming and playback.

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:

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

Previous versions

Note – For more detail, please refer to the Release Notes available with each version of previous firmware.

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