Qu-16 Firmware Version 1.12 Release Notes   October 2013

V1.12 is a maintenance release of Qu-16 Firmware.

> **Note**   Refer to www.allen-heath.com for:
> - Instructions on how to update Qu mixer firmware
> - The latest information on Qu-16 products
> - The Qu Learning Centre
> - The Qu mixer Knowledgebase

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 Show 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.

Note – **Qu-16 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-16**. Choose either local (rear panel) or remote (dSNAKE) Preamp input for each channel.

Version 1.12 - **Maintenance release.**   October 2013

File download: Qu16UpdtV1_12_2558.QUU

Issues fixed:

ID_813:   In very rare circumstances, some Qu mixers could crash after continuously opening many screens. It is not expected that many users would experience this as these circumstances are not usual in live mixing.

ID_819:   In certain circumstances, Mix send audio would not be updated correctly until faders were moved. For example, a Mix previously muted could result in loss of audio when unmuted after a system reboot. Nudging the faders would restore audio.

Known Issues - Qu-Drive:

ID_245:   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 - USB Streaming:

ID_164:   USB B 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.

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.

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.

Previous version release notes

Version 1.11 - **Maintenance release.**   September 2013

File download: Qu16UpdtV1_11_2434.QUU

Issues fixed:

ID_789:   Channels sourced from dSNAKE or USB would restore local audio instead of selected source when the mixer is rebooted.

ID_794:   If the mixer had been locked while in GEQ fader flip mode, the master fader would not restore its correct position if it had been moved while the mixer was locked.

Several other issues have also been fixed.

Version 1.10 - **Feature release.**   September 2013

Features added:

- Qu-Pad iPad app for wireless remote mixing

    Connect via a wireless router (access point) plugged into the Qu-16 Network port.
    Supports the connection of one iPad.
    Provides wireless live mixing control and full metering.
    This release does not provide Mute Group or FX tap tempo control.

- dSNAKE port enabled for connection of remote AR2412 or AR84 AudioRack

    Choose local or remote Preamp source for each channel.
    Inputs are mapped one-to-one to CH1-16 and ST1-3.
    AR2412 outputs are mapped to Mix1-10 and LR (Expander port not used for in/out).
    AR84 outputs are mapped to Mix1-2 and LR.

- ME personal mixer compatibility

    Plug into AR2412 rack Monitor/Expander ports, or into the Qu-16 dSNAKE port.
    Fixed map of CH1-16, ST1-3, LR, FX returns and Mix1-10 to the 40 ME channels.
    This release does not support channel stereo linking for the ME sends.

- User assignable Custom Layer

    Map any combination of inputs, FX send/return, mix master and blank strips to the 16 faders. The standard layers can be locked out for custom layer control only.

- USB Show file transfer (all mixer data)

    Current mixer settings can be stored as a Show on a USB key or drive. A folder with current data file, name file and scene files is created on the USB device for each show.
    Shows are stored and recalled to/from USB. They are not stored in the Qu-16.
    The Show file can be named.
    A list displays existing Shows available on USB.
    Existing USB Shows can be overwritten.

- Scene recall Safes for channels and mixes

    Tabs added in the Scenes screen to make Input and Mix channels safe.
    An icon in the tab shows if one or more channels have been made safe within the tab.
    An icon in the channel processing screen shows if a channel is safe.

- Scene recall Global Filter for SoftKeys and Custom Layer settings

    Two items now available in the Scenes Global Filter tab.
    These can be protected from being overwritten by any scene recall.

Features not yet supported in V1.1:

- USB Scene only data transfer
- User Libraries for FX and processing
- Per scene Recall Filters
- User permissions

Issues fixed in previous version V1.10:

ID_414:   Firmware Update page displayed a 'File corrupt' message if a USB device with no firmware file present was plugged in.

ID_426:   Recording would not report the correct remaining disk space for Qu-Drive multitrack recording.

ID_460:   Unable to Route Mac Core audio on-board sounds to any channel other than 1&2 (for example, iTunes, Safari & OSX Audio).

ID_524:   Some issues with the display of stereo playback files with long file names.

ID_595: In certain situations the wrong mix could be displayed on the faders when exiting GEQ Fader Flip.

ID_666:   FX Sends assigned to mute groups were not affected by the mute master.

Several other minor issues have also been fixed.

Version 1.00 - **First release.**   May 2013

This was the first feature release of Qu firmware.

Several features were not available at the time of this release.