

V1.1.1 is a maintenance firmware release for the CQ series of digital audio mixers.

- ❗ Refer to the Allen & Heath website ([www.allen-heath.com](http://www.allen-heath.com)) for
  - The latest information on CQ
  - The CQ User Guide
  - The Allen & Heath support knowledgebase
- ❗ Firmware updates are included in the CQ-MixPad app, available for iOS, Android, macOS and Windows. To carry out an update from CQ-MixPad, ensure the app is up to date, connect to your CQ and follow the on-screen instructions.
- ❗ Firmware can be installed via USB, firmware files are downloaded as a compressed ZIP folder containing a \*.bin file. Ensure you have the correct file for the CQ model you are updating.

**CQ-12T** = CQ12tUPG\_1\_1\_1\_r3684.bin

**CQ-18T** = CQ18tUPG\_1\_1\_1\_r3684.bin

**CQ-20B** = CQ20bUPG\_1\_1\_1\_r3684.bin

- ❗ The CQ has a main image and back-up image for stability and redundancy. Updating the firmware will always overwrite the alternate image to the one being used to carry out the update.
- ❗ If using CQ-MixPad or CQ4You apps, ensure that the first two numbers of the firmware and app versions match.
- ❗ CQ firmware V1.1.0 and CQ MixPad V1.1.2 are compatible. CQ firmware V1.0.2 and CQ MixPad V1.1.2 are not compatible.
- ❗ Scenes and shows created with an earlier version of firmware can be recalled on an CQ running more recent firmware releases but scenes and shows created using the latest firmware cannot be recalled on older firmware.
- ❗ Updating firmware (from V1.1.0 onward) will not clear or delete data, but it is best practice to store a show before carrying out an update.

### Improvements

- ID-1233: Software shutdown added.
- ID-1635: CQ-20B shutdown through MixPad.
- ID-1623: Adjustments to Bass, Vocal and Guitar Quick Channels.
- ID-1592: Better graph/curve rendering.
- ID-1588: Paste options match copied data.
- ID-1593: Confirm Scene Operations switch added.
- ID-1595: 'FX Mute All' switches out inserted FX units.
- ID-1293: FX/Output faders no longer change colour on FX/Out select.

### Fixes

- ID-772: RTA incorrectly switching between unit and CQ-MixPad.
- ID-1568: Recall of Hi-Z channel on non-Hi-Z input limited gain range.
- ID-1561: AMM Follow Fader state matches CQ-MixPad.
- ID-1069: FX screen follow selection not updating correctly.

### CQ-MixPad V1.1.3

- ID-293: Show/Library pages disabled when drive in use.
- ID-545: Hi-Z switch added to config screen.
- ID-653: Incorrect parameters hidden by PEQ LF/HF shelf/filter modes.
- ID-477: Paste options match copied data.
- ID-630: FX Sends To screen updated to match hardware.
- ID-158: Output names displayed in right hand side output select.
- ID-399: Output names displayed on sockets in config screen.
- ID-536: Incorrect inserted FX channel displayed after mixer config changes.
- ID-438: Record/Playback buffer meter scaled correctly.
- ID-607: Buffer Usage meters labelled correctly.
- ID-506: Disable control of FX sends to inserted unit.
- ID-567: Quick Start recall can cause Quick Channels to be incorrectly shown.
- ID-636: App showing incorrectly in macOS Launchpad.
- ID-666: Alt Out options incorrect with all outputs stereo linked.

## Known Issues

- CQ's manufactured before September 2023 were loaded with firmware V1.0.1. Data stored using this version is incompatible with later firmware and a full reset should be carried out after the first firmware update. Refer to the CQ user guide for instructions on how to carry out a full reset on a particular model.
- The improvements to the Bass, Vocal and Guitar Quick Channels in V1.1.1 mean that previously stored channels in shows, scenes or libraries will be recalled with the V1.1.0 parameter values and therefore sound. However, initial adjustments to Low/Mid/High controls can result in unexpected and unintended parameter values. To avoid such issues, recall the Quick Channel again, or change the main 'Type', then adjust as required and re-store your scene or library.

## Previous Releases

### V1.1.0 Initial Release