

X32 Firmware Release Notes

X32 Firmware Update

X32 Firmware updates are issued periodically to add new features, fix reported software bugs and improve product performance. Updates are designed to be user-installed and require no computer to be connected to the console, allowing for rapid and secure updating of single units or entire fleets. All updates shall be subject to the terms and conditions of the MUSIC Group End User License Agreement which may be viewed and accepted upon the download of the update.

Update Instructions

Before you download and upgrade to a new firmware version, please take the time to backup all of your data (including all Scenes, Shows and Snippets), as firmware upgrades may erase all of the data currently on your X32 console. Whenever there is significant data on the console, we recommend storing the current status into a console scene, and then exporting the complete Show and the Libraries (channel, effects and routing presets) to a USB thumbdrive. If the console was used in a remote controlled setup, it may also help to take a written note of the current IP settings on the SETUP/network screen.

NOTE: There are two different installation methods dependent upon the manufacture date.

For units manufactured March 2013 and after use the following steps:

1. Download the new console firmware from the X32 product page onto the root level of a USB thumb drive.
2. Hold the USB VIEW button depressed while switching the console on to enter the update mode.
3. Plug the USB thumb drive into the top panel USB connector.
4. The X32 will wait for the USB drive to become ready and then run a fully automated firmware update.
5. When a USB drive fails to get ready, updating will not be possible and we recommend switching the console off / on again for booting the previous firmware.
6. The update will take 2-3 minutes longer than the regular boot sequence.

For units manufactured before March 2013 use the following steps:

1. Plug the USB Flash drive into the top panel USB connector of the X32 while the console is switched off.
2. Switch the console on. While booting, the X32 will run a fully automatic firmware update, which will take 2-3 minutes longer than the regular boot sequence.

3. Once the firmware update is complete the X32 LCD Display will return to the standard operating screen and the console is ready to use.
4. Remove the USB Flash drive and store for future use or erase the firmware and repurpose.

NOTE: Some USB Flash drives may fail to initiate the firmware update process because their memory may not become accessible quickly enough. In the event that a power recycle does not initiate the firmware update you may attempt a console reboot while the console is powered up and the Flash drive is inserted. To initiate a reboot either temporarily change the sample rate (on the Setup Page) or press and release the reset button on the rear panel. Alternatively, you can try another USB Flash drive.

Support

Go to behringer.com/X32 for the latest software, firmware and support information.
Report any software or firmware related issues to care@music-group.com.

Version 2.05 (27 May 2014)

The X32 Firmware V 2.05 Update adds performance improvements to the award-winning X32's operating system. This new version contains communication enhancements providing considerably faster synchronization with the new version 2.1 of X32-Edit remote applications. We are constantly adding new features and making enhancements to this extremely-stable operating system, so that you experience the best possible performance from your X32.

If you are upgrading to V 2.05 from firmware versions before 2.04, please take the time to backup all of your data (export Show and export Libraries to USB), as this firmware upgrade may erase all of the data currently on your X32. Note that V 2.05 works best with X32-Edit 2.1 on PC/Mac/Linux computers and X32-Mix 2.2 on Apple iPads (iOS 6 or 7).

This new X32 Firmware version contains:

Improvements

- Fix for mute status after boot cycle
- Fix for Main Mono/Center graphic level indicator in Dynamics
- Fix for GEQ on faders with left/right bus layers active

New Features

- New, fast synchronization feature for X32-Edit 2.1
- RTA source synchronization with X32-Edit 2.1 improved
- File browser automatically replaces illegal characters when saving to USB
- Adaptive tap tempo with sanity-check for measured times

Version 2.04 (25 April 2014)

Note that V 2.04 is required for using the new X32-Edit 2.0 on PC/Mac/Linux computers and for the X32-Mix 2.2 on Apple iPads (iOS 6 or 7).

Improvements

- Fix for prev/next buttons (decrement) and GO led
- Disable midi remote encoder/button when remote is disabled
- Fix for showfile import(snippet_idx offset)
- New import/export buttons for scenes and snippets
- Improved OSC server features
- Screen flicker during scene loading fixed

New Features

- New Mix parameter in channel compressor pages allows for parallel (New York~) compression in every channel or bus
- Actual RTA source displayed on screen
- Transmission of RTA meter data over OSC

Version 2.02 (12 March 2014)

Improvements

- Aux/FX Return sends to subgroup fixed
- Output routing tap selector fixed
- Dry switch on dimensional chorus
- To end all SOF discussions: hold sends on fader button (> 1s) to stop blinking
- Stereo delay mono feed diagram corrected
- Preamp remote control issue with differently linked channels fixed
- X32 CORE scene recall and show import fixed
- Snippets fixed (problem with 1st data line)
- USB recorder assign key 'PREV' fixed

New Features

- Assignable controls can be accessed on X32 RACK by pressing MUTEGRP & UTILITY simultaneously
- MIDI control of mute groups (CC #80..85 on channel 2 [B1 50 xx..B1 55 xx])
- MIDI snippet recall ([C1 xx])
- MIDI cue recall ([C2 xx] 0..127, [C3 xx] 128..255, [C4 xx] 256..383, [C5 xx] 384..499)
- Cue and snippet recall on assignable buttons (including name display on small lcds and assign home screen)
- M/C bus can be used as effect send bus (FX 1..4)