

BEHRINGER S32 Firmware Update1.7

The firmware update 1.7 for S32 adds performance improvements and new features to the stagebox operating system. This new version improves AES3 (AES/EBU) status bits, adds MIDI remote control of head amps and prevents clicks when using the Mute All Outputs function with very high subsequent gain.

The firmware update can easily be done via USB using a Windows PC/laptop computer. Please follow the update instructions at the end of this document.

This new S32 Firmware version contains:

New Features

- Hold the MUTE button during power-on to disable the fan
- Version 1.3 with increased fan voltage to support new fan model
- Version 1.5 includes aes/ebu validity and status bits changed (fixing no-sound issue with LabGruppen iPD series)
- Version 1.6 adds MIDI preamp remote control (as in S16)
- Version 1.7 Mute all function changed to digital mute, only

MIDI Remote Control

- Note: The S32 will only accept MIDI controls when its preamps are not controlled from a console (i.e. X32 series) already
- When S32 is connected to any AES50 clock master that does not control its preamps, (e.g. Lynx AES16e-50), then its rear panel MIDI input allows controlling head amp gain and phantom power
- Rx/Tx on MIDI CH01 CC80...95, 0-19 > Input 1-16, Gain, 2.5 dB steps, -2.5 dB...45 dB
- Rx/Tx on MIDI CH01 CC96...111, 0/127 > Input 1-16, Phantom power, on/off
- Rx/Tx on MIDI CH02 CC80...95, 0-19 > Input 17-32, Gain, 2.5 dB steps, -2.5 dB...45 dB
- Rx/Tx on MIDI CH02 CC96...111, 0/127 > Input 17-32, Phantom power, on/off

Requirements:

Windows (WinXP or higher) PC with USB connector and administrator account required for running the updater executable (s32update_1-7.exe)

Update Process:

1. Download and unpack the updater zip file from behringer.com on your Windows PC
2. While the S32 is switched off, connect its USB port to your PC using a standard USB cable (type A -- type B)
3. Upon powering up, the S32 will detect the USB connection and wait for the update
4. Make sure you have started your Windows session with Administrator access, then start the s32update_1-7.exe
5. The terminal window will inform you about the update progress. Wait approximately 1 min until it shows completed
6. Disconnect the USB link and switch the S32 power off / on