

Embedded Software Release

for X32 Series Digital Mixing Consoles



X32 Firmware V4.13

Release 2024-04-15



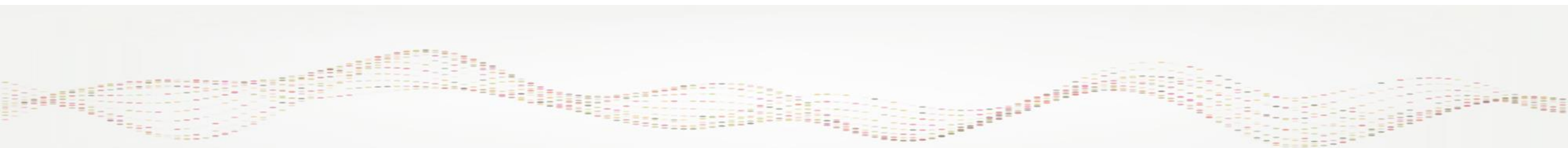


Overview

Dear customer, the present firmware update for X32 series mixers supports the most recent hardware version of the console and offers multiple performance enhancements. The following pages provide details about these improvements. The 4.12 update can be applied as usual via USB sticks using the console UI on SETUP/General/Firmware Update.

It is best practice to do a console data backup on USB stick before updating.

NOTE: consoles built after September 2023 must not be downgraded to firmware versions older than 4.10. We recommend always using the most recent version.





Improvements

[4.12] - 2024-02-05

- Dante card help text improved

[4.11] - 2023-11-13

- Support new ADAT card fpga chipset
- Phantom power warning removed when loading presets from remote apps

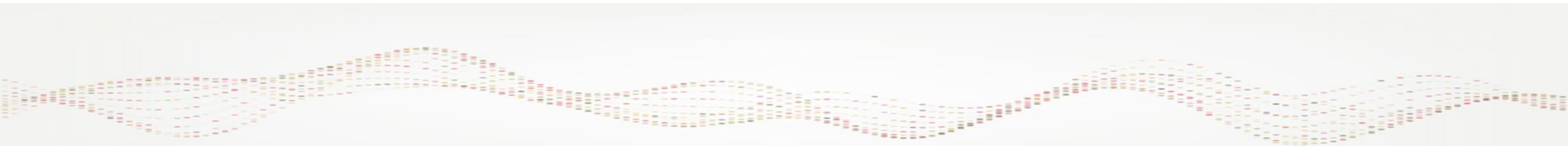
Bugfixes

[4.13] - 2024-04-05

- M32C maintenance support
- X-DANTE sporadic audio distortion fixed

[4.12] - 2024-02-05

- USB channel configuration for LIVE card fixed





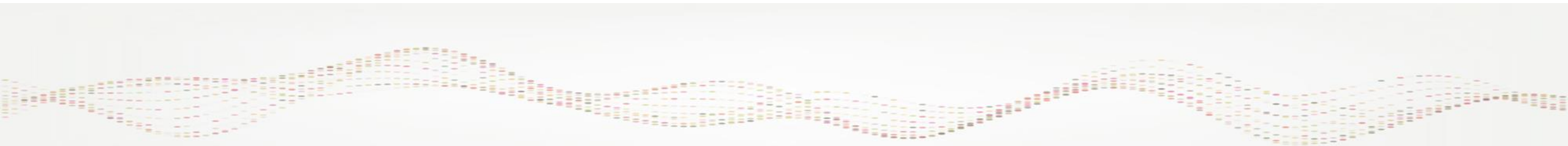
Bugfixes

[4.11] - 2023-11-13

- Long-term connection loss instabilities with auto-IP network mode resolved
- USB card recording automatic input switch (Play/Pause/Play/Stop)
- Load of routing library over OSC

[4.10] - 2023-04-25

- Audio distortion using ADAT card with new M32 mainboards resolved



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New Features

- none



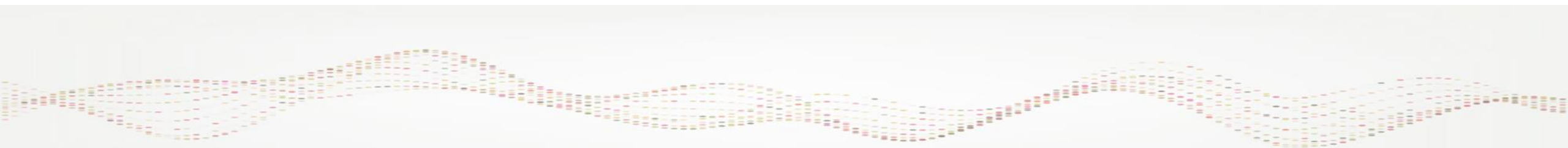


Applying X32 Firmware updates from a USB Stick

Update process using USB flash drives:

- Download any future FW updates from [behringer.com](https://www.behringer.com) and store it on a FAT-formatted USB stick.
- Connect the USB stick to the top panel USB port of the X32.
- It is recommended to do a console data backup on SETUP/GLOBAL prior to updating.
- Open the SETUP/GLOBAL page and select Update Firmware in the lower half of the screen.
- A file browser will appear on the screen, and you can navigate to where the FW update is located.
- Select the correct FW update file and tap on UPDATE.
- After installing the update is completed, you will be prompted to reboot the console.
- Verify the update was successful by comparing the firmware version on the left of the SETUP/GLOBAL screen.

Note: The first time the X32 is booted with the new firmware installed, it will show a screen with update information.





Emergency update

In case the console has been downgraded to an incompatible firmware version, follow these steps to restore a compatible firmware version:

- Download the firmware file and copy it to an empty USB flash drive.
- Hold down the VIEW button on the USB section, turn on the console and insert the USB stick.

