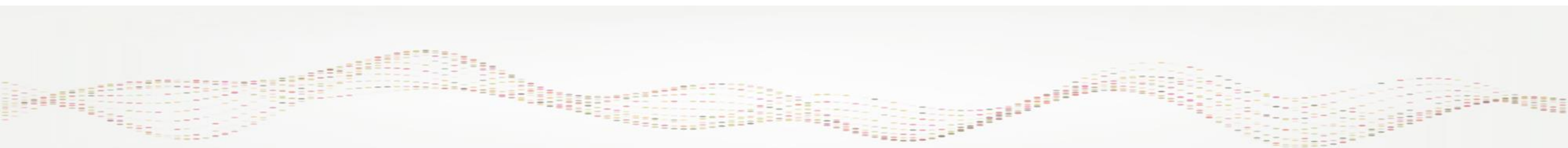


Embedded Software Release

for WING Digital Mixing Consoles

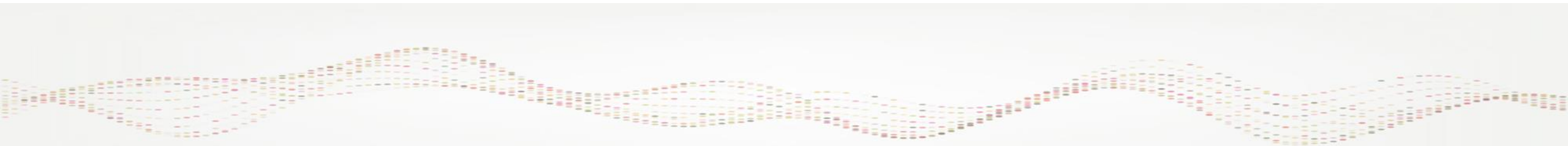
behringer

WING Firmware V3.0
Release 2024-10-01



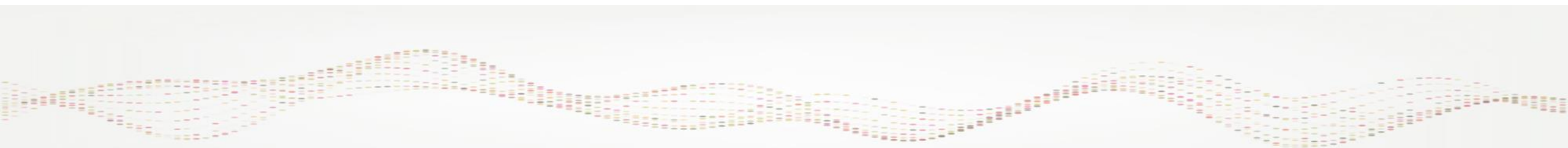
Overview

WING firmware 3.0 includes some vast improvements to help your workflow and supercharge your sound. From bus-to-bus sends across all 16 busses, channel sends to all matrices, enhanced Custom Control functionality, delays on buses, multiple plug-in improvements, improved GPIO functions and much more.



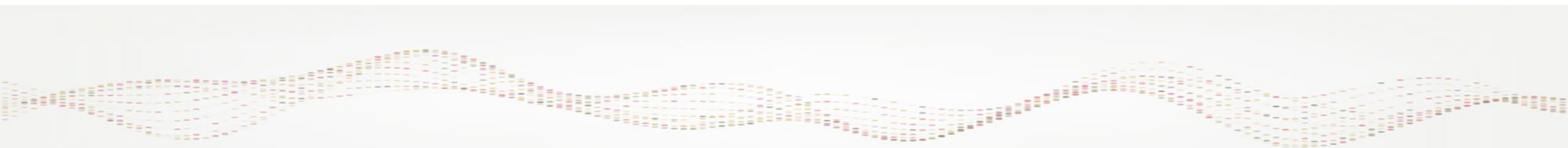
New Features

- Bus to bus send from/to all buses
- Channel/Aux sends to all matrices
- Bus to bus modes for custom fader layers
- Pre-fader Delay on aux channels
- Post-fader Delay on all buses
- FX SPILL button on insert effects GUI
- SOURCE EXTRACTOR/LA LEVELER gate/compressor combo plug-in for all channels
- SOURCE EXTRACTOR/LA LEVELER gate/compressor combo plug-in in the Dynamics slot
- Filter controls on EQ page
- MAXER curves added to FILTER section
- Talkback to all matrices
- Gain, Trim, Phantom Power, Mute and Polarity information for each Source box
- On/off switch for the LIMITER in MASTERING effects module
- TRIM added to GEQ



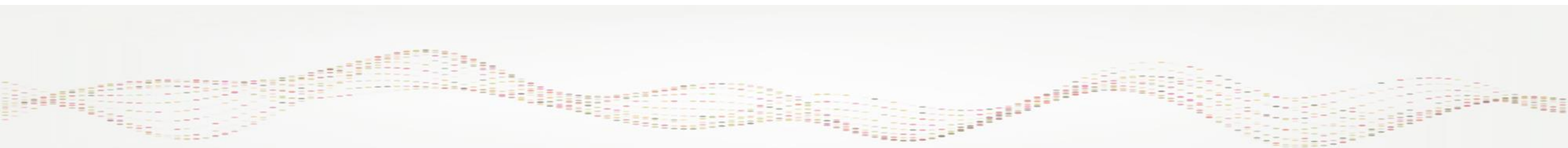
New Features

- Send fader assignment extended to MAIN1-4 and MATRIX1-8
- New sends configuration overlay
- Global option to always show active scene (or snapshot)
- GPIO functions for delayed power on (e.g., for power amps)
- CC functions for previous/next channel select
- CC send functions extended to MAIN1-4 and MATRIX1-8
- CC button function to set up the metering and solo TAP point
- CC button function for channel solo
- CC encoder function for lamp, glow and patch brightness
- CC button function to set channel fader to -10dB
- CC fader set option enabled for touch screen faders
- CC value shown on the LCD screen when its name starts with '*'



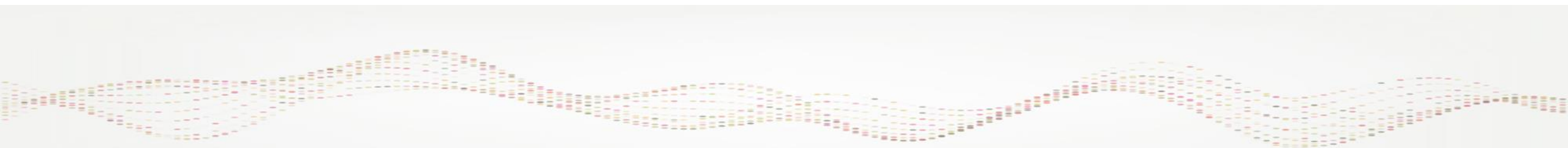
Changed

- New files shown in file browser when USB record is started
- DCA spill from right section to center section instead of left section
- Layer offset restored when activating FX SPILL
- Channel select overlay metering set to input
- Delay mode (unit) option for all buses
- MONITORS/TALKBACK configuration page
- CC channel MUTE function allows mute override
- MONITORS AUTO, PUSH and LATCH modes implemented for touch screen talk buttons
- CC send function allows to control all possible sends
- Warning when a bus is sent to the same bus (feedback loop)
- PARTIAL LOAD and PARTIAL UPDATE keep the most recent scope selection



Fixed

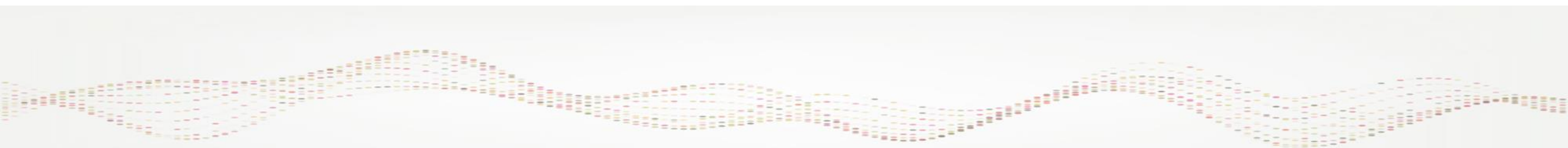
- Number of entries in playlist not correct when reloading open playlist
- AUTOMIX spill mode displaying wrong channels
- Channel preset load showing FX warning even when FX not in scope
- AES50 I/O highlight function (Sources/Outputs)
- Firmware update file size check
- Channel detail section delay LED control
- Routing lock switch set to unlock when +1 AUTO was active
- COMPRESSOR detector switch sometimes shown when AUTO ENV is active
- Crash when a stereo source was routed to more than 5 destinations under very specific conditions
- Loading of old FX presets (load button was not active)
- Preselection of scopes (Toolbox)
- Short signal drop (LIMITER release) when loading DRAW MORE plug-in



Applying WING firmware updates from a USB Stick

- Download any future firmware 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 WING.
- Open the SETUP/GENERAL page and tap on the UPDATE icon on the left of the screen.
- A file browser will appear on the screen, and you can navigate to where the firmware update is located.
- Select the desired firmware update file and tap on UPDATE.
- After the installation process is completed, you will be prompted to reboot the console.
- The console can be rebooted by power cycling it, or by going to SETUP > SHUTDOWN > CONFIRM and then holding down EFFECTS and pressing HOME.
- Verify the update was successful by checking the firmware version on the left of the SETUP > GENERAL screen.

*Note: WING will always boot using the most recent firmware in the OS drive.
However, it is recommended to delete older firmware files or move them to a subfolder.*



Applying WING firmware updates from a computer

- Connect a USB cable from the rear panel USB port to your computer.
- Hold the blank button on the main display during power-up. Alternatively, go to SETUP > GENERAL > WING OS.
- The console will show up on your computer like a regular flash drive or hard drive.
- Unzip and copy the desired firmware file to the WING OS drive.
- Eject the WING OS drive from your computer.
- WING should reboot automatically a few seconds after ejecting the drive. If you chose the SETUP > GENERAL > WING OS method, reboot the console manually.

*Note: WING will always boot using the most recent firmware in the OS drive.
However, it is recommended to delete older firmware files or move them to a subfolder.*

