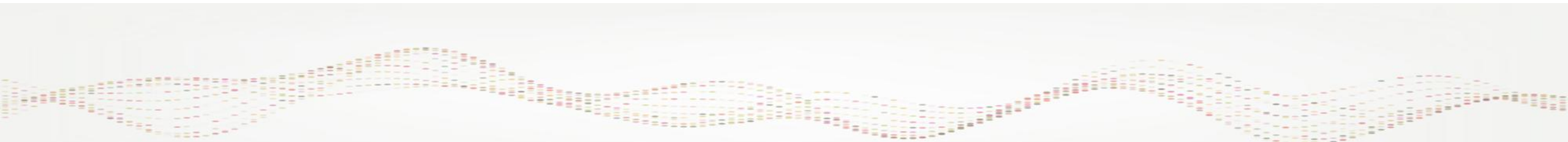


Embedded Software Release  
for WING Digital Mixing Consoles

behringer

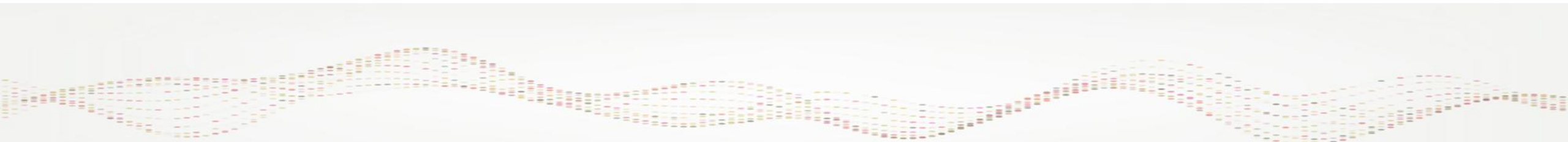
WING Firmware V3.0.5  
Release 2024-11-21



## Overview

WING firmware 3.0.5 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 busses, multiple plug-in improvements, improved GPIO functions and much more.

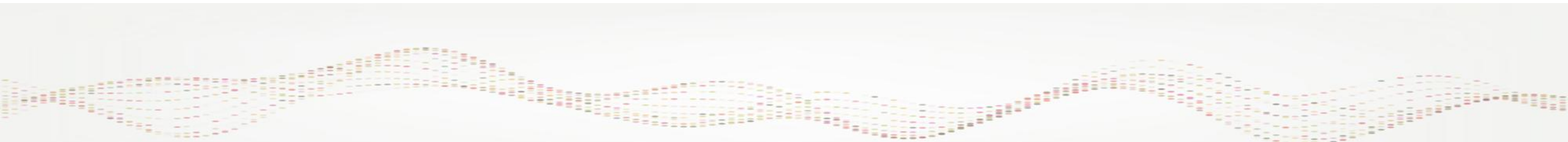
Note: if upgrading from a firmware version older than 3.0, the fader layers will be empty after updating. Please initialize the layers to restore their functionality.



## New Features

[3.0.5 – 2024-11-21]

- New BUS FEED CONFIGURATION screen. Click on channels/AUX channels/BUS/MAIN/MATRIX grid on the channel HOME screen to quickly change SEND settings for all channels.
- Adjustable LC and HC filter slopes on input channels
- Panning control on SEND configuration pop-up window
- INIT and COPY functions accessible from the FILTER page
- COPY function between different channel types
- SEND faders can display either SOURCE or destination levels and customization
- Channel SEND faders visible in FADERS screen
- Warning when creating a SNIPPET without an active REC FOCUS
- Warning message when an M/S SOURCE is assigned to an AUX channel
- Exclusive solo on CHANNEL OVERVIEW page



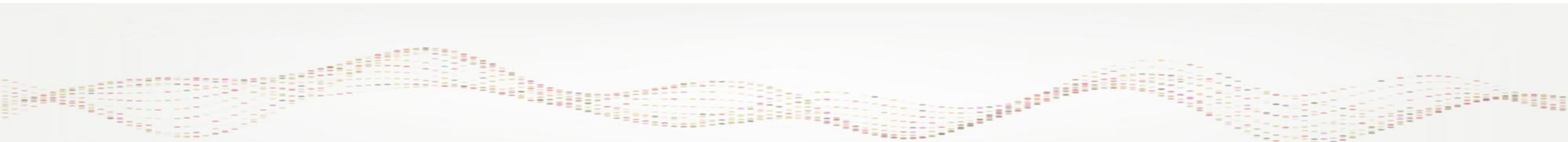
## New Features

[3.0.4 – 2024-10-17]

- Option to change network mode when using AoIP-WSG module

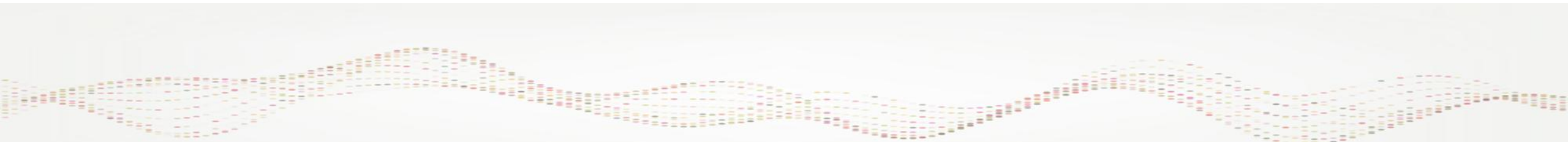
[3.0 – 2024-10-01]

- Bus to bus send from/to all busses
- 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 busses
- 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



## New Features

- On/off switch for the LIMITER in MASTERING effects module
- TRIM added to GEQ
- 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

[3.0.5 – 2024-11-21]

- WING RACK spills on the small LCD display when SPILL mode is active
- Default BUS modes removed. All sends are individually configurable.
- Removed the capability to send a BUS to the same BUS.
- Source channel highlighted with a white outline on COPY screen.
- Spill layer named according to the spill mode
- WING COMPACT main fader section LED meter shows the selected channel's pre-fader level.



## Changed

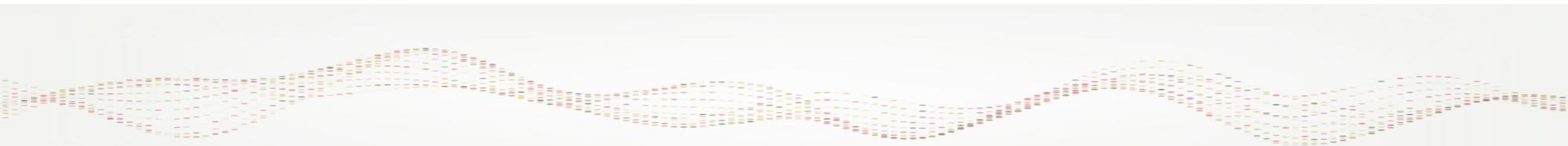
### [3.0.1 – 2024-10-10]

- Increased SLOPE range for ULTRATAP DELAY plug-in
- FX SPILL updated automatically when a different plug-in is loaded

### [3.0 – 2024-10-01]

- 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 busses
- 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

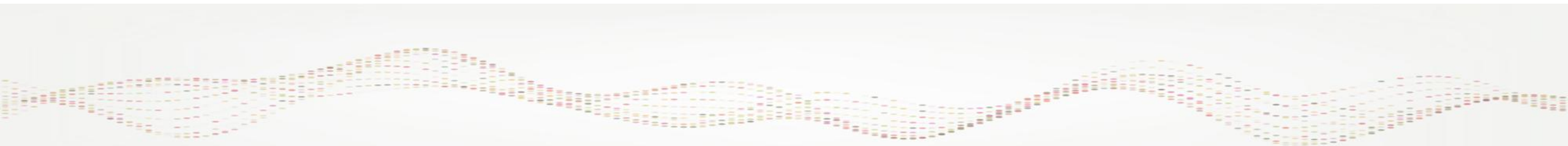




## Fixed

[3.0.5 – 2024-11-21]

- Unavailable filter bands (when using high-order LC or HC options on BUSES) were shown sometimes.
- MATRIX SEND panning visibility
- SEND panning not updating when BUS switched to mono
- Main fader assignment when set to MATRICES on WING COMPACT
- USB ACCESS LED on WING RACK
- Errors when loading a file after renaming
- Some controls were no longer selectable when closing windows
- ULTRATAP DELAY “SPREAD” mode panning positions
- Layer paging arrows not always updated
- Hidden faders could appear on OVERVIEW screen under special conditions
- SENDS panning link not correctly activated when loading snapshots created on firmware older than 3.0
- SEND WIDTH set to 150% when restoring snapshots created on firmware older than 3.0
- Clicking on COMPACT layer 9 SCOPE closed the window
- SEND panning wheel visibility not always updated correctly
- Level meters on SENDS page showed the BUS level instead of each channel’s level (SEND source)





## Fixed

[3.0.4 – 2024-10-17]

- Drag issues on EQ screen
- Channel strip LEDs (MAIN, DCA, MUTE GROUP) not working correctly on full-size WING

[3.0.3 – 2024-10-14]

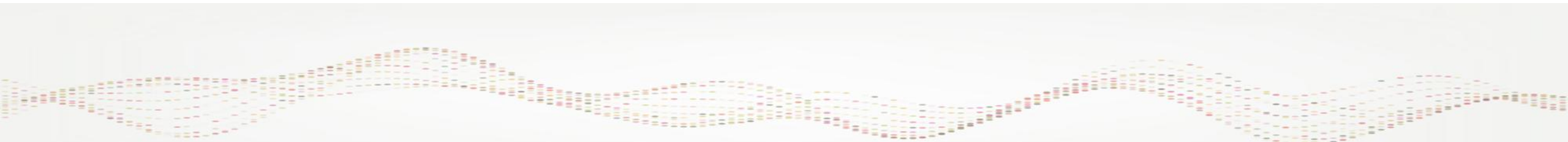
- LIBRARY channel preset scope: sends partially shown as N/A
- MONITORING section delays not working
- MATRIX direct inputs not working

[3.0.2 – 2024-10-11]

- MIDI CC faders not working for CC > 76

[3.0.1 – 2024-10-10]

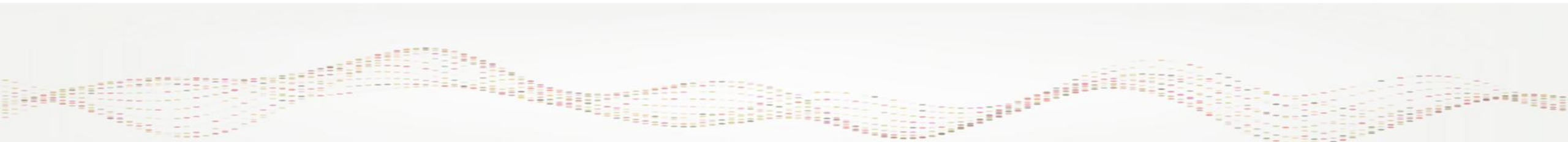
- Crash when using selected channel send CC encoders
- Crash when changing default Matrix mode
- VSS3 preset selection box not selectable



## Fixed

[3.0 – 2024-10-01]

- 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.*

