



mObridge → MOST25 8.1.1 Amplifier → Firmware Release Notes

Latest Firmware for mObridge MOST25 8.1.1 Amplifier:

Version	0.7.1
Release Date	15 th August 2023
Fixes	
<ul style="list-style-type: none">• Update amplifier controller to allow power rail offset via vehicle stereo input volume.• Add fade-out of audio when selecting presets.• Remove preset switch notify to head-unit on MOST, as this interferes with audio fade-in/out on preset switching.• Improvements to reduce the likelihood of pops when resetting the system.	

Updating Your Firmware

Your mObridge MOST25 8.1.1 Amplifier is fully firmware updatable and can be updated in the following ways:

Via mObridge DSP:

Download and install mObridge DSP from mobridge.us/mobridge-dsp-pc-application

Via mObridge Updater:

Download and install mObridge Updater from mobridge.us/firmware-update/

Refer to our website at mobridge.us for further information.

Past Firmware Versions

Version	0.7.0
Release Date	9 th May 2023
Fixes	
<ul style="list-style-type: none"> • Additional boosting to stereo source. • Amplifier power booster has a much faster response time, reducing the potential to clip • Vast reduction of startup/shutdown speaker pops. • Fixing pops on firmware update. • Fixing factory default channel mapping • Fixing centre-channel upmix inavailability. 	

Version	0.6.4
Release Date	8 th August 2022
Fixes	
<ul style="list-style-type: none"> • Additional 6dB boost to input sources. • Fixing the amplifier controller firmware booster voltage ramping. • Performance enhancements for Mercedes-Benz NTG vehicles. 	

Version	0.6.2
Release Date	5 th August 2022
Fixes	
<ul style="list-style-type: none"> • Fixing communication issues with baseboard amplifier firmware. 	

Version	0.6.0
Release Date	24 th June 2022
Fixes	
<ul style="list-style-type: none"> • Fixing incorrect L/R input mismatch. • Experimental 16-bit streamlined processing. • Vastly improve the FFT resolution. • Major performance improvements to the DSP core. 	

Version	0.5.18
Release Date	25 th May 2022
Fixes	
<ul style="list-style-type: none"> • Frequency response correction implemented. • Rework Jaguar, Land Rover G2 volume mapping to have more range. • Additional support for Jaguar vehicles requiring two MOST25 amplifier instances. • Fixing Audi MMI3G subwoofer regression issue. 	

Version	0.5.15
Release Date	7 th April 2022
Fixes	
<ul style="list-style-type: none"> • Addition of Dynamic Range Compression (DRC). • Addition of per-channel user-set limits. • Addition of feedback channel RMS values to mObridge DSP. • Extend Maximum IIR Biquad points to 16. 	

Version	0.5.12
Release Date	31 st August 2021
Fixes	

- Update amplifier controller firmware to resolve issues with voltage spikes at startup.
- Fixing issues with MOST ConfigNok message causing no audio.

Version	0.5.11
Release Date	7 th July 2021
Fixes	
<ul style="list-style-type: none"> • Fixing MDI null app name issue. 	

Version	0.5.10
Release Date	5 th July 2021
Fixes	
<ul style="list-style-type: none"> • Fixing potential stack overflow issue regarding DSP core. 	

Version	0.5.9
Release Date	16 th June 2021
Fixes	
<ul style="list-style-type: none"> • Adding explicit Toyota Supra vehicle support for mObridge DSP and mObridge Updater • Fixing various BMW issues related to multichannel audio, ignition, and turn on/off time. • Fixing issue with corrupted NVM regarding improper boundary checks on input delay field. 	

Version	0.5.8
Release Date	8 th June 2021
Fixes	
<ul style="list-style-type: none"> • Major optimizations for baseboard power control module to enable vastly lower operating temperatures. • 6dB boost to all mono channels to address quiet phone, nav, chimes, pdc audio. 	

Version	0.5.6
Release Date	24 th May 2021
Fixes	
<ul style="list-style-type: none"> • Fixing incorrect tick time in back-end amp controller service. 	

Version	0.5.5
Release Date	24 th May 2021
Fixes	
<ul style="list-style-type: none"> • Remove master, head-unit, and other EQ influences from subwoofer-assigned speakers, such that they are totally EQ'ed by their respective channel EQs. <p>NOTE: This release decreases subwoofer attenuation, thereby increasing default subwoofer gain.</p>	

Version	0.5.4
Release Date	14 th May 2021
Fixes	
<ul style="list-style-type: none"> • Removing unneeded attenuation on output codecs. • Fixing BMW loopback echo issue. • Fixing broken fade/balance controls in Aston Martin. • Fixing Porsche PCM3.x phone echo issue. • Fixing improper reset of input delay in NV. <p>NOTE: This release vastly improves output gain range.</p>	

Version	0.5.3
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Release Date	26 th February 2021
Fixes	
<ul style="list-style-type: none">• Fixing Audi MMI3G head-unit preset selection control.• Fixing Audi MMI3G head-unit subwoofer gain control.	

Version	0.5.0
Release Date	5 th February 2021
Fixes	
<ul style="list-style-type: none">• Initial stable release	