



mObridge → MOST25 8.1.1 Amplifier → Firmware Release Notes

## Latest Firmware for mObridge MOST25 8.1.1 Amplifier:

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

### 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](https://mobridge.us/mobridge-dsp-pc-application)

#### Via mObridge Updater:

Download and install mObridge Updater from [mobridge.us/firmware-update/](https://mobridge.us/firmware-update/)

Refer to our website at [mobridge.us](https://mobridge.us) for further information.

## Past Firmware Versions

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

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

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

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

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

<b>Version</b>	0.5.12
<b>Release Date</b>	31 <sup>st</sup> August 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Update amplifier controller firmware to resolve issues with voltage spikes at startup.</li> <li>• Fixing issues with MOST ConfigNok message causing no audio.</li> </ul>	

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

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

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

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

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

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

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

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

<b>Version</b>	0.5.0
<b>Release Date</b>	5 <sup>th</sup> February 2021

<b>Fixes</b>
<ul style="list-style-type: none"><li>• Initial stable release</li></ul>

- Initial stable release