



mObridge → DA-G2 MOST150 Optical → Firmware Release Notes

## Latest Firmware for mObridge DA-G2 MOST150 Optical products

<b>Version</b>	2.5.4
<b>Released On</b>	8 <sup>th</sup> July 2021
<b>Fixes</b>	
	<ul style="list-style-type: none"><li>• Fixing MDI null app name issue.</li></ul>

### Updating Your Firmware

Your mObridge DA-G2 product 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>	2.5.3
<b>Released On</b>	5 <sup>th</sup> July 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixed stack overflow issue regarding DSP core.</li> <li>Fixed issue with input delay array overrun.</li> </ul>	

<b>Version</b>	2.5.2
<b>Released On</b>	18 <sup>th</sup> May 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixed boot issues on rev 3.0 baseboards</li> <li>Fixed TOSLINK Tx on rev 3.0 baseboards</li> </ul>	

<b>Version</b>	2.5.1
<b>Released On</b>	18 <sup>th</sup> February 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixing logical input gain index mismatch with mObridge DSP.</li> <li>Revamped logging type names.</li> <li>Added support for AT25SF321B SPI flash chip.</li> </ul>	

<b>Version</b>	2.5.0
<b>Released On</b>	2 <sup>nd</sup> February 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixing MOST150 ignition issues with Mercedes-Benz Burmeister system.</li> </ul>	

<b>Version</b>	2.4.0
<b>Released On</b>	20 <sup>th</sup> November 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Sub-woofers/Woofers now use IIR filtering only for the channel EQ to improve low range frequency response, and its precision when tuning.</li> <li>Vastly improved THD on Sub-woofer/Woofer channels.</li> <li>Various performance optimizations to the DSP core.</li> </ul>	

<b>Version</b>	2.2.0
<b>Released On</b>	16 <sup>th</sup> September 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Increasing gain resolution to 0.1 dB increments.</li> <li>Middle LED now indicates present of MOST150 network.</li> <li>Sub-woofers now use IIR filters over FFT filters to improve low-frequency response.</li> <li>DA-G2.Standard product now has TOSLINK channels mapped by default.</li> <li>Various performance optimizations to the DSP core.</li> </ul>	

<b>Version</b>	2.1.0
<b>Released On</b>	18 <sup>th</sup> June 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixing broken factory head-unit bass/mid/treble integrations with the DSP.</li> <li>Fixing crash associated with NV memory.</li> </ul>	

<b>Version</b>	2.0.0
<b>Released On</b>	24 <sup>th</sup> April 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Adding secondary minimal recovery application.</li> <li>• Reduction in code size.</li> <li>• Fixes for elusive phone echo issues.</li> <li>• Numerous MOST150 stability fixes.</li> <li>• Channel count issue with Standard variant resolved.</li> <li>• Boot performance vastly improved.</li> </ul> <p><b>IMPORTANT NOTE:</b>  <i>This firmware will become a MINIMUM version for all future firmware updates. This firmware MUST be flashed prior to upgrading to any newer firmware. Doing otherwise severely risks bricking the unit.</i></p>	

<b>Version</b>	1.0.1
<b>Released On</b>	6 <sup>th</sup> April 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing numerous issues with Pro release surrounding mono channels, and number of output channels</li> </ul>	

<b>Version</b>	1.0.0
<b>Released On</b>	31 <sup>st</sup> March 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing a variety of issues regarding mono channels, including throughput, noise, filtering.</li> <li>• Improved delay on mono channels, and added a mono channel delay adjuster for fine-tuning perceived echoes. (e.g. phone audio).</li> <li>• Miscellaneous MOST150 fixes.</li> <li>• Addition of center-channel upmixing algorithms.</li> </ul>	

<b>Version</b>	0.5.6
<b>Released On</b>	12 <sup>th</sup> March 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Removal of experimental mono channel delay fixes. Further work is required on this feature.</li> </ul>	

<b>Version</b>	0.5.5
<b>Released On</b>	10 <sup>th</sup> March 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Experimental mono channel delay fixes.</li> <li>• MOST150 connection issues resolved.</li> <li>• New and improved volume curve.</li> </ul>	

<b>Version</b>	0.5.4
<b>Released On</b>	10 <sup>th</sup> January 2020
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Initial Release</li> <li>• Adds basic support for multichannel audio</li> </ul>	