



mObridge → DA-G2 MOST150 cPHY → Firmware Release Notes

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

Version	2.9.6
Released On	4 <sup>th</sup> March 2025
Fixes	
<ul style="list-style-type: none"><li>Fixes for broken phone echo.</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>	2.9.5
<b>Released On</b>	5 <sup>th</sup> February 2025
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>DSP through-put improvements that mitigate playback issues for 2025+ models.</li> <li>Firmware update upload speed increase.</li> <li>DSP gains now calculated using a new and improved method.</li> </ul>	

<b>Version</b>	2.9.3
<b>Released On</b>	29 <sup>th</sup> November 2024
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixing broken DSP test mode</li> </ul>	

<b>Version</b>	2.9.2
<b>Released On</b>	28 <sup>th</sup> August 2024
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixing incorrect decoding of volume decay delta.</li> </ul>	

<b>Version</b>	2.9.0
<b>Released On</b>	3 <sup>rd</sup> April 2024
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Numerous fixes for static white noise issue, including task priority rearranging, reduction of amp base read poll time, reorder serial port initialization/deinitialization, addition of delays, remove optimizations from beep file playback, additional underflow and overflow checking for the DMA.</li> <li>Reinstating faster SPI clocking speed for flash memory communications.</li> <li>Additional DSP resync call on restart, for further DMA synchronization safety.</li> </ul>	

<b>Version</b>	2.8.2
<b>Released On</b>	31 <sup>st</sup> January 2024
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Adjustment to stereo input 0 dB level to account for offset.</li> <li>Fixing turn off/on pops.</li> <li>Fixing audible pops on channel mute/unmute.</li> <li>Reinstate center-channel up-mix algorithms in Pro variant, including ADP.</li> <li>Fixing center-channel clicking artifact.</li> <li>Fixes for center channel up-mixing occasional periodic tick.</li> <li>Fix intermittent issue where post firmware update reset command fails.</li> <li>Fixing introduced inability to live tune channel gains on some channels.</li> </ul>	

<b>Version</b>	2.8.1
<b>Released On</b>	24 <sup>th</sup> November 2023
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Fixing USB audio glitch when streamlined DSP is enabled.</li> <li>Fixing potential DMA overrun.</li> </ul>	

<b>Version</b>	2.7.2
<b>Released On</b>	16 <sup>th</sup> November 2023
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>Add temporary workaround for USB audio periodic glitch.</li> <li>Additional flash module timing changes for better robustness.</li> </ul>	

<b>Version</b>	2.7.1
<b>Released On</b>	27 <sup>th</sup> September 2023
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Update DSP gain scaling to new re-adjusted levels. Requires mObridge DSP 23.08.04 or later to use.</li> <li>• Addition of DRC limiting calibration to maximum allowed voltage.</li> <li>• Some flash memory safeguards introduced.</li> </ul>	

<b>Version</b>	2.7.0
<b>Released On</b>	18 <sup>th</sup> August 2023
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Some performance improvements in the DSP.</li> <li>• Mute audio when switching presets to avoid unwanted artifacts.</li> </ul>	

<b>Version</b>	2.6.21
<b>Released On</b>	5 <sup>th</sup> January 2023
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing crash on NTG6 vehicles.</li> <li>• Move to higher resolution FFT solution.</li> </ul>	

<b>Version</b>	2.6.20
<b>Released On</b>	21 <sup>st</sup> November 2022
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing phone echo, and slight phone hissing.</li> </ul>	

<b>Version</b>	2.6.16
<b>Released On</b>	5 <sup>th</sup> May 2022
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing incorrect volume for Beeps input on NTG7.</li> </ul>	

<b>Version</b>	2.6.15
<b>Released On</b>	3 <sup>rd</sup> May 2022
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing rare race condition where device fails to boot.</li> <li>• Frequency response correction implemented.</li> <li>• Adding head-unit controls (bass/mid/treble) to multichannel source (USB).</li> </ul>	

<b>Version</b>	2.6.13
<b>Released On</b>	20 <sup>th</sup> April 2022
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing USB multichannel audio source, including missing bass/mid/treble controls.</li> <li>• Adding all variants of Mercedes-Benz MOST150 cPHY vehicles: NTG6.x Base/Burmester/Burmester 4D, NTG7.x Base/Burmester/Burmester 4D.</li> </ul>	

<b>Version</b>	2.6.8
<b>Released On</b>	23 <sup>rd</sup> December 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing issue with randomly distorted audio.</li> <li>• Fixing feedback issues with "Hey Mercedes" voice assistant.</li> <li>• Rework volume response curve.</li> </ul>	

- Fixing issue with FadeInOut periods in channel mixing.

<b>Version</b>	2.6.7
<b>Released On</b>	7 <sup>th</sup> December 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing issue with spurious NET ON/OFF from MOST150</li> <li>• Fixing slow amplifier remote signal timing. This is now much quicker, and does not wait for the car to “sleep” to turn off.</li> <li>• Fixing pops when flash updating. Properly turn off amplifier remote signal when flash updating.</li> <li>• Normalizing gains for Entry/Standard models.</li> <li>• Fade in/out speed of voice assistant sink is quicker to ensure no audio cutoff.</li> </ul>	

<b>Version</b>	2.6.4
<b>Released On</b>	17 <sup>th</sup> November 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixing timing issues with remote amplifier turn-on/off.</li> </ul>	

<b>Version</b>	2.6.1
<b>Released On</b>	10 <sup>th</sup> November 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Stereo and mono inputs are now at approximately the same input gain level. Previously, monos were at a ~6dB deficit.</li> <li>• Fully working NTG6 compatibility.</li> <li>• Adjusting volume fade ramping to accommodate “Hey Mercedes” assistant.</li> <li>• Remote amplifier turn-on is now enabled/disabled on MOST ConfigOk/ConfigNok rather than ignition.</li> <li>• Adjusting beep gains to be a tolerable level.</li> </ul>	

<b>Version</b>	2.6.0
<b>Released On</b>	2nd August 2021
<b>Fixes</b>	
<ul style="list-style-type: none"> <li>• Fixes for NTG6 compatibility issues</li> </ul>	

<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>	16 <sup>th</sup> April 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>• Initial release.</li> </ul>	