Latest Firmware for mObridge DA-G2 MOST150 oPHY products

Version	2.6.19
Released On	30th August 2022
Fixes	

- Restoring phone echo cancellation, was lost due to experimental 16-bit processing on mono channels.

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

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	2.6.18
Released On	5th July 2022
Fixes	

- Some performance enhancements
- Addition of higher resolution FFT bins, allowing for a much smoother frequency response.
- Fixing issue on FadeInOut message in some NTG5 vehicles.
- Migrate to 16-bit streamline processing for mono inputs

Version	2.6.17
Released On	25th May 2022
Fixes	

- Restoring phone echo cancellation for Burmester vehicle, fixing regression issue.

Version	2.6.16
Released On	10th May 2022
Fixes	

- Fixing issue with phone channel feedback to headunit.
- Frequency response correction implemented.

Version	2.6.7
Released On	1st December 2021
Fixes	

- Fixing issue with spurious NET ON/OFF from MOST150
- Fixing slow amplifier remote signal timing. This is now much quicker, and does not wait for the car to "sleep" to turn off.
- Fixing pops when flash updating. Properly turn off amplifier remote signal when flash updating.
- Normalizing gains for Entry/Standard models.

Version	2.6.4
Released On	22nd November 2021
Fixes	

- Stereo and mono inputs are now at approximately the same input gain level. Previously, monos were at a ~6dB deficit.
- Remote amplifier turn-on is now enabled/disabled on MOST ConfigOk/ConfigNok rather than ignition.
- Fixing timing issues with remote amplifier turn-on/off.

Version	2.5.4
Released On	8th July 2021
Fixes	

- Fixing MDI null app name issue.

Version	2.5.3
Released On	5th July 2021
Fixes	

- Fixed stack overflow issue regarding DSP core.
- Fixed issue with input delay array overrun.

Version	2.5.2
Released On	18th May 2021

Fixes
• Fixed boot issues on rev 3.0 baseboards
• Fixed TOSLINK Tx on rev 3.0 baseboards

Version	2.5.1
Released On	18th February 2021
Fixes	
• Fixing logical input gain index mismatch with mObridge DSP.	
• Revamped logging type names.	
• Added support for AT25SF321B SPI flash chip.	

Version	2.5.0
Released On	2nd February 2021
Fixes	
• Fixing MOST150 ignition issues with Mercedes-Benz Burmeister system.	

Version	2.4.0
Released On	20th November 2020
Fixes	
• Sub-woofers/Woofers now use IIR filtering only for the channel EQ to improve low range frequency response, and its precision when tuning.	
• Vastly improved THD on Sub-woofer/Woofer channels.	
• Various performance optimizations to the DSP core.	

Version	2.2.0
Released On	16th September 2020
Fixes	
• Increasing gain resolution to 0.1 dB increments.	
• Middle LED now indicates present of MOST150 network.	
• Sub-woofers now use IIR filters over FFT filters to improve low-frequency response.	
• DA-G2.Standard product now has TOSLINK channels mapped by default.	
• Various performance optimizations to the DSP core.	

Version	2.1.0
Released On	18th June 2020
Fixes	
• Fixing broken factory head-unit bass/mid/treble integrations with the DSP.	
• Fixing crash associated with NV memory.	

Version	2.0.0
Released On	24th April 2020
Fixes	
• Adding secondary minimal recovery application.	
• Reduction in code size.	
• Fixes for elusive phone echo issues.	
• Numerous MOST150 stability fixes.	
• Channel count issue with Standard variant resolved.	
• Boot performance vastly improved.	
IMPORTANT NOTE:	
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.	

Version	1.0.1
Released On	6th April 2020
Fixes	

- Fixing numerous issues with Pro release surrounding mono channels, and number of output channels

Version	1.0.0
Released On	31st March 2020
Fixes	

- Fixing a variety of issues regarding mono channels, including throughput, noise, filtering.
- Improved delay on mono channels, and added a mono channel delay adjuster for fine-tuning perceived echoes. (e.g. phone audio).
- Miscellaneous MOST150 fixes.
- Addition of center-channel upmixing algorithms.

Version	0.5.6
Released On	12th March 2020
Fixes	

- Removal of experimental mono channel delay fixes. Further work is required on this feature.

Version	0.5.5
Released On	10th March 2020
Fixes	

- Experimental mono channel delay fixes.
- MOST150 connection issues resolved.
- New and improved volume curve.

Version	0.5.4
Released On	10th January 2020
Fixes	

- Initial Release
- Adds basic support for multichannel audio