



mObridge → DA-G2 MOST150 cPHY → Firmware Release Notes

Latest Firmware for mObridge DA-G2 MOST150 cPHY products

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

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	2.9.0
Released On	3 rd April 2024
Fixes	

- 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.
- Reinstating faster SPI clocking speed for flash memory communications.
- Additional DSP resync call on restart, for further DMA synchronization safety.

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

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

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

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

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

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

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

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

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

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

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

Version	2.6.7
Released On	7 th December 2021
Fixes	
<ul style="list-style-type: none"> • 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. • Fade in/out speed of voice assistant sink is quicker to ensure no audio cutoff. 	

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

Version	2.6.1
Released On	10 th November 2021
Fixes	
<ul style="list-style-type: none"> • Stereo and mono inputs are now at approximately the same input gain level. Previously, monos were 	

at a ~6dB deficit.

- Fully working NTG6 compatibility.
- Adjusting volume fade ramping to accommodate “Hey Mercedes” assistant.
- Remote amplifier turn-on is now enabled/disabled on MOST ConfigOk/ConfigNok rather than ignition.
- Adjusting beep gains to be a tolerable level.

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

Version	2.5.3
Released On	5 th July 2021
Fixes	
<ul style="list-style-type: none"> • Fixed stack overflow issue regarding DSP core. • Fixed issue with input delay array overrun. 	

Version	2.5.2
Released On	16 th April 2021
Fixes	
<ul style="list-style-type: none"> • Fixed boot issues on rev 3.0 baseboards • Fixed TOSLINK Tx on rev 3.0 baseboards 	

Version	2.5.1
Released On	18 th February 2021
Fixes	
<ul style="list-style-type: none"> • Initial release. 	