



mObridge → DA-G2 MOST150 cPHY → Firmware Release Notes

Latest Firmware for mObridge DA-G2 MOST150 cPHY products

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| Version | 2.9.0 |
| Released On | 3 rd April 2024 |
| Fixes | |
| <ul style="list-style-type: none">• 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. | |

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

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| 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. | |

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| 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. | |

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| 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. | |

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| 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. | |

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| 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. | |

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| 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. | |

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

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

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| 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). | |

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| 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. | |

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| 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. | |

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| 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. | |

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| 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. | |

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| 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. | |

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

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| 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. | |

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| 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 | |

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