



mObridge → DA-G2 A2B Ford → Firmware Release Notes

## Latest Firmware for the mObridge DA-G2 A2B Ford

|                                                                                                          |                                |
|----------------------------------------------------------------------------------------------------------|--------------------------------|
| Version                                                                                                  | 2.11.6                         |
| Release Date                                                                                             | 21 <sup>st</sup> November 2025 |
| Fixes                                                                                                    |                                |
| <ul style="list-style-type: none"><li>• Further fixes for amplifier factory chimes activation.</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>                                                                                | 2.11.4                      |
| <b>Release Date</b>                                                                           | 8 <sup>th</sup> August 2025 |
| <b>Fixes</b>                                                                                  |                             |
| <ul style="list-style-type: none"> <li>Fixing amplifier factory chimes activation.</li> </ul> |                             |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>Version</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.9.3                      |
| <b>Release Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12 <sup>th</sup> June 2024 |
| <b>Fixes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <ul style="list-style-type: none"> <li>Fixing intermittent startup issue where some channels were either low in gain, or not audible at all.</li> <li>Add better DRC support for subsonic frequencies.</li> <li>Fixing incorrect channel mute status for some channels in between restarts.</li> <li>Increase debug TX buffer length to ensure entire startup log is retained upon USB connection.</li> <li>Store time alignment distances per-preset, to ensure values are remembered on re-connection to mObridge DSP.</li> <li>Fix issue where only one sub woofer would change gain offset via headunit bass control.</li> </ul> |                            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>Version</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.9.0                      |
| <b>Released On</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9 <sup>th</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> <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> <li>Rework sub-woofer control via head unit bass control. Now acts as an offset to current sub-woofer assigned channel gains.</li> <li>Correctly update the SVC level in the headunit when preset is changed via mObridge DSP</li> <li>Fixing incorrect volume after factory reset.</li> </ul> |                            |

|                                                                                                                                                                                                                                               |                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>Version</b>                                                                                                                                                                                                                                | 2.8.5                        |
| <b>Released On</b>                                                                                                                                                                                                                            | 9 <sup>th</sup> January 2024 |
| <b>Fixes</b>                                                                                                                                                                                                                                  |                              |
| <ul style="list-style-type: none"> <li>Reinstate streamlined channels, improve performance on mono channel processing.</li> <li>Fixing incorrect volume being set after a factory reset.</li> <li>Improve mono channel gain levels</li> </ul> |                              |

|                                                                                                             |                               |
|-------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Version</b>                                                                                              | 2.8.4                         |
| <b>Released On</b>                                                                                          | 18 <sup>th</sup> January 2024 |
| <b>Fixes</b>                                                                                                |                               |
| <ul style="list-style-type: none"> <li>Fixing center channel up-mixing occasional periodic tick.</li> </ul> |                               |

|                |       |
|----------------|-------|
| <b>Version</b> | 2.8.3 |
|----------------|-------|

|                                                                                       |                               |
|---------------------------------------------------------------------------------------|-------------------------------|
| <b>Released On</b>                                                                    | 16 <sup>th</sup> January 2024 |
| <b>Fixes</b>                                                                          |                               |
| <ul style="list-style-type: none"> <li>Further fixes for turn off/on pops.</li> </ul> |                               |

|                                                                                                                              |                               |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Version</b>                                                                                                               | 2.8.2                         |
| <b>Released On</b>                                                                                                           | 12 <sup>th</sup> January 2024 |
| <b>Fixes</b>                                                                                                                 |                               |
| <ul style="list-style-type: none"> <li>Fixing distorted phone, nav, beeps, voice prompt sources regression issue.</li> </ul> |                               |

|                                                                                                                                       |                               |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Version</b>                                                                                                                        | 2.8.1                         |
| <b>Released On</b>                                                                                                                    | 11 <sup>th</sup> January 2024 |
| <b>Fixes</b>                                                                                                                          |                               |
| <ul style="list-style-type: none"> <li>Additional speed optimizations to Ford DSP layer.</li> <li>Fixing turn off/on pops.</li> </ul> |                               |

|                                                                                                                                                                                                                                                                                  |                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Version</b>                                                                                                                                                                                                                                                                   | 2.7.2                           |
| <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16 <sup>th</sup> July 2023 |
| <b>Fixes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |
| <ul style="list-style-type: none"> <li>Addition of CAN message acceptance filtering algorithm to ensure CAN messages are never missed when sent.</li> <li>Mute audio when switching presets to avoid unwanted artifacts.</li> <li>Adjust volume mapping table for better DSP gain responsiveness.</li> <li>Numerous Ford volume decoding and phone call handling improvements to better emulate the original OEM amplifier, and ensure phone call mode does not get stuck.</li> <li>Further fixes for pops on firmware update.</li> </ul> |                            |

|                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>Version</b>                                                                                                                                                                                                                                                                                                                                                                                                  | 2.6.9                     |
| <b>Released On</b>                                                                                                                                                                                                                                                                                                                                                                                              | 18 <sup>th</sup> May 2022 |
| <b>Fixes</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                           |
| <ul style="list-style-type: none"> <li>Some performance optimizations.</li> <li>Correcting left and right inputs.</li> <li>Using audio on message on place of ignition message to turn on remote amp enable. This ensures that audio does not cut out on ignition off, but rather when the driver's door is opened.</li> <li>Turn off remote amp enable prior to updating firmware to avoid popping.</li> </ul> |                           |

|                                                                                                                                                                                                               |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Version</b>                                                                                                                                                                                                | 2.6.7                         |
| <b>Released On</b>                                                                                                                                                                                            | 6 <sup>th</sup> December 2021 |
| <b>Fixes</b>                                                                                                                                                                                                  |                               |
| <ul style="list-style-type: none"> <li>Adding Ford F150 accessories ignition CAN message.</li> <li>Fixing pops when flash updating. Properly turn off amplifier remote signal when flash updating.</li> </ul> |                               |

|                    |                               |
|--------------------|-------------------------------|
| <b>Version</b>     | 2.5.5                         |
| <b>Released On</b> | 3 <sup>rd</sup> November 2021 |
| <b>Fixes</b>       |                               |

- Fixing issue with Ford ignition CAN status messages.
- Update A2B stack.
- Revised default input gains and output gains to ensure full range is achieved.

|                                                                                     |                           |
|-------------------------------------------------------------------------------------|---------------------------|
| <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> |                           |

|                                                                                                                                                           |                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <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 TOSLINK Tx on baseboard rev 3.0</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>                                                                                  | 25 <sup>th</sup> January 2021 |
| <b>Fixes</b>                                                                                        |                               |
| <ul style="list-style-type: none"> <li>• Further fixes for Ford A2B/CAN sleeping issues.</li> </ul> |                               |

|                                                                                                                             |                              |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>Version</b>                                                                                                              | 2.4.2                        |
| <b>Released On</b>                                                                                                          | 4 <sup>th</sup> January 2021 |
| <b>Fixes</b>                                                                                                                |                              |
| <ul style="list-style-type: none"> <li>• Fixing issue with improper MDI communications for IIR Biquad filtering.</li> </ul> |                              |

|                                                                                                      |                                |
|------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Version</b>                                                                                       | 2.4.1                          |
| <b>Released On</b>                                                                                   | 23 <sup>rd</sup> December 2020 |
| <b>Fixes</b>                                                                                         |                                |
| <ul style="list-style-type: none"> <li>• Fixing further Ford A2B vehicle sleeping issues.</li> </ul> |                                |

|                                                                                                                                                                                                                                                                                                                                                                             |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Version</b>                                                                                                                                                                                                                                                                                                                                                              | 2.4.0                          |
| <b>Released On</b>                                                                                                                                                                                                                                                                                                                                                          | 27 <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> <li>• Fixes for Ford vehicle wakeup signals.</li> </ul> |                                |

|                                                                                                        |                               |
|--------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Version</b>                                                                                         | 2.3.0                         |
| <b>Released On</b>                                                                                     | 30 <sup>th</sup> October 2020 |
| <b>Fixes</b>                                                                                           |                               |
| <ul style="list-style-type: none"><li>• Major overhaul of Ford vehicle compatibility module.</li></ul> |                               |

|                                                                   |                             |
|-------------------------------------------------------------------|-----------------------------|
| <b>Version</b>                                                    | 0.5.6                       |
| <b>Released On</b>                                                | 23 <sup>rd</sup> March 2020 |
| <b>Fixes</b>                                                      |                             |
| <ul style="list-style-type: none"><li>• Initial Release</li></ul> |                             |