



mObridge → DA-G2 A2B → Firmware Release Notes

## Latest Firmware for the mObridge DA-G2 A2B

<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>

### 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>	2.7.0
<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>	
<ul style="list-style-type: none"> <li>• Fixing issue with Ford ignition CAN status messages.</li> <li>• Update A2B stack.</li> <li>• Revised default input gains and output gains to ensure full range is achieved.</li> </ul>	

<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>	