

RELEASE NOTES V1.2.0



IA 1202D FIRMWARE V1.2.0

ISSUE/FEATURE	
ChB, EQ4: Type selection is missing	The type selector was not displayed, preventing users from choosing a type in the affected views. The selector has been restored and functions as expected. This issue is resolved.
Channels linking for HPF can apply incorrect settings	When linking channels, the HPF value could be written incorrectly, leading to unintended filter behaviour. In some cases this caused high noise and could trigger power stages to enter protect mode. The linking logic has been corrected and HPF values are now applied consistently when linking/unlinking channels. This issue is resolved.
Driver protection improved with multi-way RMS limiter	Introduces an RMS limiter that controls RMS power across three bands with independent averaging windows. This provides tighter thermal protection and consistent long-term power management, and is required for the MF3 Pro Max preset. Existing presets are unchanged; enable per preset as needed. This improvement is included in this release.
BTL mode mute affected only one half of the pair	In BTL mode, muting from Channel View muted CHA only while CHB remained active, resulting in approximately -6 dB attenuation instead of full mute. Combining Channel View and Overview mutes could also leave the amplifier in an inconsistent state, toggling between silence and -6 dB. The mute logic has been unified so all controls mute/unmute the entire BTL pair consistently. On first boot after the firmware update, any invalid mute states are normalised. This issue is resolved.
MF3 Pro Max preset added (MF3PM)	Provides factory tuning and protection for M-F3 Pro Max loudspeakers, covering indoor and weather-proof variants. Includes crossover, EQ, limiter (multi-way RMS), gain and routing settings. Available in the preset library. See the Speakers project for details. This addition is included in this release.
Preset library sorted alphabetically	The preset list is now displayed in alphabetical order by name, making presets easier to browse and find. Preset IDs and contents are unchanged.