RELEASE NOTES V1.0

MISSIONCONTROL

MISSION CONTROL V1.0

New Features	
Mute hierarchy	Mute hierarchy has been implemented for full mute function interaction. Mute of output (low level) results in channel as partial mute and in CusCon controller. Channel mutes are linked to outputs. Mute of an output relates in linked channel to semi-mute status view. CusCon controller mute mutes respective output and linked channel.
Manual Network IP SetUp	IP address can be set manually.
Dante HW-Module detection	Mission Control software and amplifier firmware adapt to DANTE status. Sytem detects if DANTE module is installed and enables DANTE as an option in the source section.
Preset Speaker latency metadata	Nominal latency of a speaker preset is shown in the preset information.
Extended Speaker Preset information display	Speaker Preset information is shown on the LCD display when selecting speaker presets.
Logical identifier assignment	A Channel is named after the linked output (first occupied outputs). The identifier shows which output is linked to the channel.
Reset CusCon influence after deleting a CusCon	Advanced CusCon release state. Relative state is set back when a cuscon is deleted (excluding mute).
Sign of life	A sign of life is shown on the LCD display when the amplifier is booting in cases of power on, system loading, firmware update and balancing of flash load.
Local UI (LCD) protection	The UI interaction can be locked manually on the amplifier or in Mission Control software. Unlocking can be done either with a user-defined PIN or by holding down the encoder for 3 seconds.
Advanced touch & turn functionality	Enhanced touch & turn interaction on local UI (e.g. selecting all gains on home screen, choosing presets, scrolling list views and confirm choices).
Easy change of channel in context	Widget header allows for quick channel navigation. Pressing indicator in the widget changes the channel in context.
Remove CusCon in amp settings	If one or more CusCons are installed, they can be removed in the amplifier settings menu. The amplifier needs to restart after deletion of CusCons to set new state.
Mission Control Device Auto Sync	Auto Sync enables Mission Control to automatically (re-)synchronize with connected devices.
New factory speaker presets	CV 212 80Hz | CV 212 80Hz Linear | CV 212 60Hz | CV 212 60Hz Linear | COX 8 | COX 12 | SMX12 Monitor | SMX12 PA 80Hz | SMX12 PA 80Hz Linear | Linear (Low Power) | B15 + L65 | B18 + L65 | B21 + L65 | B15 + SMX 12 | B18 + SMX 12

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Enhancements	
Improved fan control	Improved fan control to optimize airflow and cooling for increased performance.
Enhanced over-temperature handling	Specific gain reduction in case of over-temperature to prevent unwanted shutdown.
Improved channel synchronization.	Channel creation status is fully synchronized with Mission Control software.
Improved Speaker Preset Library limiters	Limiters are optimized (peak Limiter, RMS Limiter, Limiter for SMPS) for enhanced listening experience and max. performance.
Labeling adjustments in software	System manager (device list): Column "Current Preset" changed to "Device Preset" System Manager: "Demo Devices" changed to "Show Demo Device".
Enhanced overcurrent clipping handling	Adjusted Gain Reduction handling to reduce or avoid overcurrent clipping. Detection of an overcurrent causes the peak limiter threshold to be reduced. Gain reduction resets when the preset is changed or the amplifier is turned off and on again. Affected presets: 3x L65, 2x B15, 2x B18, 2x L65FS, 2x B21, L35
Optimized display of strings on LCD	String that might be longer than the display view area of the LCD are truncated and extended with three dots at the end as an indicator.
Improved scrolling in preset list	The push encoder allows easy scrolling and selection in the preset list.
Change of analog sensitivity presets	Analog Inputs refer now to fixed gain relation instead of sensitivity values.

Bug Fixes	
Fixed CusCon audio handling	Fix of no audio signal pass through when a speaker preset is changed while a CusCon has been assigned.
Fixed keyboard freeze	Fixed issue in LCD user interface preventing hang-up when trying to insert a character at position 0 with the keyboard.
Fixed synchronization issue of in-use user preset name.	Renaming in-use user preset is now correctly displayed in the LCD dashboard.
Fixed gain button labeling in Channel D	Changing gain in the channel-view of Channel D is now correctly displayed on the gain button in the user interface.