

## G68 V1.1 Software Release Notes

### New Features

- Zone2 volume control is allowed in standby (“vm” & “vp”). Copy/Zone2 and Zone3 have direct volume controls, use “VCxx” and “VZxx” where xx is the volume from 1 (or ‘01’) to 99.
- When the G68 enters standby it now outputs “Standby” on the serial interface.
- The zone card stays in mute until a source is deliberately selected, i.e. it now defaults to ‘Copy Mute’.
- The size setting no longer ramps - instead all relevant speakers are set to size zero on entering size calibration. There is a pause in between each channel to allow the bass protection to stabilise. Moving between speakers within the routine does not return the sizes to zero, but if you exit size calibrate and re-enter then they will be zeroed again. Note that this may give the false impression that size is not being stored - particularly where there is only one channel, like a subwoofer, to adjust.
- Copy and zone3 source selection is allowed when the main room is in standby. Use “ZNxx” and “COxx”, where xx is a number, 0 to 13. ‘0’ to ‘11’ are the sources, ‘12’ is mute, ‘13’ is copy source.
- DSP ‘presets’ can be cleared from the serial port, use “cl” (function clear emulation).
- It is now possible to control the internal tuner over comms from a second zone. Feedback (multiroom display) is limited to preset number and FM frequency information only.
- PC control of the tuner is possible, but limited to handset emulation; it can only be controlled when the main room has it selected.
- Additional MSR+ emulation; “DS” = DSP preset key, “ds” = fn. DSP, “ff” = fn. fast forward, “fb” = fast back, “RE” - red key, “GR” = green, “YE” = yellow, “BL” = blue.

### Software Fixes – Critical – Software must be updated

None

### Software Fixes – Useful – May be useful to upgrade but not essential

- Audio stream detection is more robust with HD satellite receivers. This will also improve systems with older DSP loudspeakers.
- The gain/sensitivity value for analogue inputs is now correct when selected independently of the main source.
- This now uses the same comms ‘Product Address’ as the G68. So, if you want to make the internal tuner ‘Tuner no.2’ then P.A. must be set to 2. Do this in either the wizard (Other Settings) or the configuration program.
- Corrected problem of missing bass in Logic modes (PLIIx, TV Logic etc) when the speaker layout had large left/right, small centre and either no subwoofer or an LFE subwoofer.
- Corrected problem in PLIIx for 44.1kHz multichannel sources (eg DTS from a CD with PLII Mov 6 or PLII Mus 6) which had caused the left and right surround channels to swap sides.
- Corrected phase inversion in UHJ ambisonics.
- Support has been added to select the correct channel pair on the analogue output of the G68D and the second balanced pair of the second card in G68XXV.
- The size ramping feature ramps more slowly.

**As incorrect software loading can cause damage we recommend that you do not load new software unless necessary**

## Software Fixes – Minor – Update probably not necessary

- The G68 retains a copy of the preset currently selected for each of the four stream types (music, movie, 2 & 6 channel). When any menu value is changed or the preset is changed then the local copy is updated. This means that changes to presets are not lost when the stream type changes, e.g. moving in and out of menus on a DVD. The settings are not stored until either the preset is 'stored' or the preset is 'assigned' to the source. Reselecting the source reloads the default assignments.
- With appropriate hardware and driver software it is now possible to run a Room Correction session using USB control.
- This feature now has a maximum start volume of 50. The signal is a full scale sine wave, and may be significantly louder than whatever source was playing beforehand.
- Surround filter has been disabled in THX 5.1 mode. The filters could become enabled in some circumstances; this is no longer possible.
- User preset clearing bug fixed. The wrong preset data was being erased when user presets were cleared - this is a problem when 'fetched' into the GUI.
- Poor digital audio source feature fixed for all sample rates. Previously this setting could be ignored when the audio stream was disrupted.
- DTS force fixed. The "Only ever play DTS for this source" feature didn't work in 0.91.
- LFE default level fixed, this is now corrected for all multichannel presets.
- Poor optical inputs are now dealt with more rigorously by the copy loop; the zone card is more likely to stay in mute while a stream is changing. Examples of this include laserdiscs changing track or satellite receivers breaking the stream as they change channel.

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