

# Grace Design m108 Firmware Release Notes

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**Version:** 1.01  
**Date:** 8/3/2016

## **New Features / Changes:**

1. Initial Release

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## **Known Issues:**

1. When the ADC samplerate is set to Dante and 'enable external sync' is checked in Dante controller, the user can modify the ADC clocksource on the m108 to Dante. This is an invalid system configuration and should be avoided.
  2. In the mixer, when the headphone source is anything other than 'mix', the monitor channel meter follows the program material on the selected headphone source. This has no impact on the audio performance as the mixer is not being monitored in this configuration.
  3. Preamp ID is changed with encoder rotation (not when selected). This can cause problems with duplicate IDs in system which results in the communication breaking until power cycle.
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**Version:** 1.02  
**Date:** 11/14/2016

## **New Features / Changes:**

1. Added control room option module support. Monitor setup replaces headphone power-up level menu item. Headphone power-up level, control room power-up level and monitor mode are now all contained in the monitor setup menu. When the monitor mode is phones or control room, double clicking the VOL encoder toggles between phones and control room output. When phones are active, the control room output is muted and when control room is active, the headphone output is dimmed by 40dB. The active monitor mode is saved and recalled with other run time parameters, which are saved after 5 minutes of inactivity.
2. To address issue #1 from 1.01 - when the adc samplerate is set to dante and enable sync external is checked, the user cannot change the adc clocksource parameter (from any input method).
3. To address issue #3 from 1.01, a preamp ID change is handled once the user has exited ID editing mode.
4. At power-up the system tests the cooling fan operation. In certain cases the fan start up could be delayed, resulting in a fan error message. To address prevent this false error condition, the power-up fan test has been wait period has been extended.

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**Known Issues:**

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**Version:** 1.03  
**Date:** 12/16/2016

**New Features / Changes:**

1. Added manual headphone amplifier gain control to monitor setup mode.
2. Further refined the power-up fan test criteria. Spin up time increased 25% and minimum RPM decreased to 3500.

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**Known Issues:**

1. In mixer headphone level pop up is not displayed when editing a mixer parameter.
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**Version:** 1.04  
**Date:** 05/04/2017

**New Features / Changes:**

1. Corrected issue in mixer where headphone level pop up would not be displayed when mixer parameter was being edited
2. Refined internal clock reconfiguration on sample rate change. On certain systems, multiple USB sample rate changes could cause an issue with the IIS clocks.
3. Updated thermal control thresholds. Fan startup changed from 45 deg C to 50 deg C based on additional test and field data.
4. Previous versions always indicated dual rate smux in the ADAT user bits. This caused issues with some interfaces. Changed to indicate base rate and dual rate smux.

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**Known Issues:**

1. A MIDI sync bug (only at power-up / session start) exists where phantom power on channels 1-7 get configured correctly from Protools, but Protools shows the opposite state.
  2. A MIDI sync bug (only at power-up / session start) exists where phantom power on channel 8 on the preamp stays at the state previously set and Protools shows the state previously set in Protools.
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3. Dante sample rate reported to m802 RCU is one rate slower than actual system sample rate
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**Version:** 1.05  
**Date:** 05/21/2018

**New Features / Changes:**

1. Corrected MIDI sync bug (only at power-up / session start) where phantom power on channels 1-7 got configured correctly from Protools, but Protools showed the opposite state.
2. Corrected MIDI sync bug (only at power-up / session start) where phantom power on channel 8 on the preamp stayed at the state previously set and Protools showed the state previously set in Protools.
3. Corrected Dante sample rate report to m802 RCU.

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**Known Issues:**

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**Version:** 1.06  
**Date:** 08/21/2018

**New Features / Changes:**

1. Corrected spurious dropouts that occur on some units when monitoring AUX input channels from Dante interface.

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**Known Issues:**

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**Version:** 1.07  
**Date:** 05/29/2019

**New Features / Changes:**

1. Added DIGILINK option module support to m108.

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**Known Issues:**

1. When using ethernet remote control, ADC sample rate "Digilink" can only be configured from the front panel user interface.
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**Version:** 1.08  
**Date:** 07/09/2019

**New Features / Changes:**

1. Added DIGILINK support to m108 website ethernet control interface
2. Minor updates to m108 website for improved performance with modern web browsers.
3. Corrected USB Input Channel Names for OSX.

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**Known Issues:**

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**Version:** 1.09  
**Date:** 08/09/2022

**New Features / Changes:**

1. Expanded subnet mask to 9 bits.

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**Known Issues:**

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**Version:** 1.10  
**Date:** 08/25/2022

**New Features / Changes:**

1. Removed 9 bit subnet mask
2. Added support for new DAC hardware

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**Version:** 1.11  
**Date:** 09/20/2022

**New Features / Changes:**

1. Modified PCM DAC Attenuator ramp rate

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**New Features / Changes:**

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**Version:** 1.12

**Date:** 12/01/2023

1. Added netmask to ethernet setup
2. Added link-local addressing
3. Fixed problems with Dante noise at startup
4. Fixed problem with sample rate init on Mac