

## Firmware Updates

For more information, contact our team on - [technical.support@sonifex.co.uk](mailto:technical.support@sonifex.co.uk)

AVN-GMC Firmware Versions			
Version	Date	Changes	Description
1.16.267	01/06/2026	New	Added support for alternative GPS chip for new production units.
		Update	"Software downloads" link on ATSAM upgrade webpage points to new website.
		Fixed	Changing SMPTE profile priority2 setting via front panel also alters Domain value.
1.15.262	31/05/2024	Fixed	Changes to SMPTE profile settings not applied until after reboot.
1.14.257	10/01/2024	Fixed	Issues when master is disconnected and reconnected to network.
1.13.255	27/09/2023	Fixed	Use more inclusive terminology.
		Fixed	Force time after switching from GPS to external WC does not apply correctly.
1.12.250	29/03/2023	Fixed	Profile Identity not correctly setup for use in management messages.
		Fixed	Spurious Sync Follow-up messages when network traffic is high.
1.11.243	05/09/2022	Fixed	Issue with front panel LEDs turning off.
1.10.242	18/07/2022	Fixed	Issue with peer delay request follow-ups being sent in P2P mode.
1.9.237	07/07/2022	Fixed	Corrected hardware delay compensation when adjusting hardware clock.
		Fixed	Foreign master entries updated correctly when GMC is in passive state.
		Fixed	Added support for replacement clock components.
1.9.229	11/11/2021	New	Added support for new LED driver.
1.8.223	19/03/2021	Fixed	Firmware updated to support new microcontroller revision.
1.8.218	01/02/2021	New	Added support for remote logging.
		Fixed	Incorrect SMPTE profile subdomain number.
		Fixed	Incorrect clock variance value.
		Fixed	Device joins mDNS group when disabled.
1.6.212	30/09/2020	New	TTL value configurable for outgoing PTP messages via webpage or front panel.
1.6.207	03/05/2019	New	Lightweight mDNS implementation with option to disable.
		Fixed	Displayed time incorrect when force time option used.
1.5.203	06/02/2019	Fixed	Front panel may not initialise correctly with certain button combinations.
1.5.197	11/01/2019	New	Password protection and configurable port for web server.
		New	Remote reboot option via system webpage.
		Fixed	Incorrect timestamps when using UTC or Local time bases.
		Fixed	Configuration clearing issue.
		Fixed	Unicast PTP packets not timestamped correctly.
1.5.177	07/12/2018	Fixed	Time drift when GPS lost.
		Fixed	PPS and Wordclock outputs occasionally fail to start.
		Fixed	Corruption of static network settings via webpage updates.
		Change d	Improved time synchronisation accuracy with GPS.
		Change d	Simplified behaviour when GPS lock is lost and regained.
1.4.166	14/08/2018	Fixed	PTP clock accuracy value incorrectly changing in previous version.
1.4.161	07/08/2018	Change	PTP timebase changed from UTC to TAI (AES67 requirement).

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		Change d	Front panel time display supports TAI, UTC, or local time.
1.3.152	24/04/2018	Fixed	Lock LED works correctly with external sync.
		Fixed	Front panel shuts down fully in standby mode.
		Fixed	Rare system lock-up issue resolved.
		Change d	Streamlined system loop for better performance and more PTP slaves.
1.2.132	24/11/2017	Fixed	Incorrect supply voltage readings.
		Fixed	Ethernet status LED not lighting.
		Fixed	Time offsets not set correctly via webpage.
1.2.125	10/10/2017	New	Support for 10MHz external sync input clock.
		Fixed	Sync In LED not lighting correctly.
		Change d	Lock LED reflects selected sync source.
1.1.110	14/08/2017	Fixed	Incorrect sync timestamps output.
		Fixed	Firmware version number display corrected.
		Change d	Faster and more resilient webserver.
1.001.68	26/06/2017	New	Compatibility for normal and slim front panel versions.
1.000.63	18/10/2016	Fixed	Delayed sync packets issue.
		Change d	Removed "Off" state for power LEDs.
1.000.60	20/09/2016	Fixed	Webpage bugs including daylight saving options.
		Fixed	PPS trigger bug.
		Change d	Improved code efficiency and multicast packet handling.