MERCURY LUX — FIRMWARE VERSION 3.0

Continuously Improving. Driven by Your Feedback.
At KM3KM Electronics, we believe innovation never stops. We listen to our customers and continuously improve our products to deliver greater performance, reliability, and a better operating experience.
Mercury LUX Firmware 3.0 brings smoother visuals, improved responsiveness, advanced protection, and enhanced integration with Mercury LUX PC software.

What's New in Firmware 3.0

1. Smoother Power Indicator Bars
Refined bar graph animations provide smoother, more fluid movement, delivering a cleaner and more responsive visual representation of power levels.

2. Enhanced Analog VU Meters with Peak Hold
Improved analog-style meter movement delivers a more natural and realistic response while maintaining Peak Envelope Power (PEP) readings for better monitoring of transmitted power.

3. SWR is now displayed in analog view
Enhanced SWR visualization provides a clearer and more refined presentation of antenna matching conditions, making readings easier to monitor during operation.

4. Improved USB Communication
Optimized USB connectivity provides more stable and reliable communication between the Mercury LUX amplifier and a connected computer.

5. Enhanced Performance and Advanced Protection
System optimizations improve overall responsiveness, operating stability, and efficiency. Refined protection functions provide more advanced monitoring and management of operating conditions, reinforcing the amplifier's reliability.

6. Enhanced Mercury LUX PC Software Integration
Improved command handling and communication protocols establish more reliable interaction between the amplifier and Mercury LUX PC software, supporting better synchronization, control, and execution of available functions.

7. Intelligent Thermal Management
The cooling fans now automatically switch from low to high speed based on amplifier usage and operating temperature, rather than relying solely on the previous 50°C threshold. This improves cooling efficiency, performance, and long-term reliability.

Built to Perform. Committed to Evolve.
Firmware 3.0 is more than a software update. It reflects our philosophy of continuous improvement and our dedication to the amateur radio community.
We listen to our customers, evaluate their suggestions, and continuously refine our technology to deliver an exceptional operating experience.

KM3KM Electronics LLC