# MAC 250™

**Software**
**Main CPU**

**Software Log**
**2003-07-31**
**ID: 2120  User support**

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Version 1.6, 2003-07-31

- Modified to support new microprocessor step, no change in performance.

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Version 1.5, 2001-01-08

- Provides more reliable indexing of the rotating gobos in the MAC 250+.
- No change in performance for the standard MAC 250.

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Version 1.4, 1999-12-13

- Periodic noise on pan and tilt caused by motor resonances removed.
- Dimmer motor speed reduced slightly when strobing. The strobe frequencies are unchanged.

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Version 1.3, 1999-08-16

- Implements the MAC 250+.
- Fixes a bug that could cause the fixture to continue strobing in Martin mode.

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Version 1.2 (MAC 250 only), 1999-04-16

- Upload of software in Martin mode from MPBB1 is now possible.
- Bug fix: When changing DMX protocol mode via MPBB1, the change wasn´t activated before the fixture had been powered off.
- Prism standby torque increased.
- Bug fix: If strobe and rnd. strobe was enabled and disabled at the same time (on the 3032), the fixture could sometimes continue strobing.
- Bug fix: Some fixtures could periodically continue displaying "****" after power up.
- Boot-sector bug fixed: If a software upload was interrupted or corrupted, the fixture could not be set to upload mode again, and a hard boot was necessary.

IMPORTANT: The boot-sector update will ONLY take effect if the jumper at PL121 is set at INIT (hard boot), as this removes the write protection of the FLASH memory´s boot sector. Remember to move the jumper back to the normal position after installing the software.

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Version 1.1 (MAC 250 only), 1999-01-25

- Martin protocol defaults for MAC 250 changed to match the 3032 defaults - prevents color wheel from spinning continuously until parameter updated.
- Maximum gobo rotation speed reduced slightly.
- Bug fix: Bump from fixed color values (156 - 207) or color cont. rot. values (208 - 245) to color scroll values (0 - 144) in DMX tracking mode could cause slow movement on the color wheel.

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Version 1.0 (MAC 250 only), 1998-10-16

- enables the test sequence command from the MPBB1
- stops pan/tilt if lamp feedback is lost
- changes the name of the readouts menu from "REAd" to "INFO"
- implements tracking mode algorithm selection and samples adjustment