

Lexium MDrive Step-Torque-Speed firmware change summaries

Changes Ver. 5.008 to 5.011

- Fixed 10V range setting for analog input
- Fixed inver direction (ID)function in velocity mode
- Converted analog input filter equations to floating point to compensate for the LMD 12-bit ADC

Changes Ver. 5.006 to 5.008

- Added code to prevent direction change causing motion to start if STOPPED == TRUE
- Modifications to Speed Control mode
- Fixed situation where if drive running and disabled, then re-enabled motion starts without ramp
- Fixed switching between modes with inputs (Step/Motion, Direction, Bridge Enable) all true

Changes Ver. 5.005 to 5.006

- Updated Copyright date.
- Increased +V MAX, for each drive size, by 1 volt. And, the low voltage warning reduced by 1 volt to 11 volts.

Changes Ver. 5.004 to 5.005

- Fixed option decoding for upper +V limit test via motor stack size

Changes Ver. 5.003 to 5.004

- Changes to prevent swapped characters in Print responses.

Changes Ver. 5.001 to 5.003

- Make-up mode will retain saved state through a power cycle
- hMT mode change takes effect immediately rather than power cycle or CTRL+C reset.
- Default encoder line count set to 1000

Source: <http://motion.schneider-electric.com/downloads/firmware.html>