



MicroLogPRO II Release Notes

For EC800 and EC850 data loggers, supported by the DataSuite software.

Release Date: 9 October, 2013

MicroLogPRO II Firmware Version: 2.03

Hardware Support: EC800 (Rev B), EC850 (Rev B)

Software Support: This version will work with DataSuite v2.2.0.0 and higher

Release Information

Bug Fix:

MicroLogPRO II logger stopped recording data at midnight on September 30 due to issue in calendar mechanism. Bug is specific to September 30 only.

Release Date: 27 May, 2013

MicroLogPRO II Firmware Version: 2.02

Hardware Support: EC800 (Rev B), EC850 (Rev B)

Software Support: This version will work with DataSuite v2.2.0.0 and higher

Release Information

Bug Fix:

MicroLogPRO II did not display correct battery level following wake up from deep sleep mode. Mechanism measuring battery voltage was not working correctly resulting in low battery reading even for a new battery.

Release Date: 15 January, 2013

MicroLogPRO II Firmware Version: 2.01

Hardware Support: EC850 (Rev B)

Software Support: This version will work with DataSuite v2.2.0.0 and higher

Release Information

Bug Fix:

Possibility of logger setup getting corrupted if configured with Boomerang feature. In the event of corrupt setup, logger would not be able to download its data or data will be downloaded with incorrect year.

Release Date: 2 January, 2013

MicroLogPRO II Firmware Version: 2.00

Hardware Support: EC850 (Rev B)

Software Support: This version will work with DataSuite v2.2.0.0 and higher



Release Information

Note: Due to fundamental redesign of the calibration mechanism, updating device to firmware v2.00 will result in existing calibration settings being erased from logger memory, including default factory settings. *To retain existing calibration settings, do not proceed with firmware update.*

If you proceed with the firmware update, DataSuite provides the user with one opportunity to recalibrate the device and save these new settings as the default settings (which can't then be erased again). Consult user guide or customer support for details.

New Features:

- Revamped calculation of measurement mechanism, for all device inputs, to achieve more consistent and accurate readings pre and post calibration.
- Calibration mechanism was redesigned. *Please also refer to note above.*
 - External NTC Thermistor input supported by 3-point calibration
 - There will be no offset calibration option for any of the EC850 inputs
- Revamp of battery measurement functionality:
 - 4-level Battery indicator added to LCD, to be displayed during every mode. Battery reading in DataSuite software is on a linear scale of 0-100%.
 - Battery reading now recorded each time device removed from USB.
 - Following firmware upgrade from v1.31, battery reading in software will be NA, until device is removed from USB and correct reading is taken.
 - Device connected to USB without battery, or with dead battery, will display NA in software
- Ability via the DataSuite software to disable device "Deep Sleep" mode, primarily so device will always be awake and can be detected upon PC connection without need to wake up via keypad press.
- LED functionality modified: LED will flash when in Run mode once every 10 seconds, regardless of sampling rate. Will flash green if readings are normal, and red if in alarm.
- Reduced device power consumption when logging, in order to extend battery life
- Device enters deep sleep mode 2 minutes after being in Stop mode rather than 7 minutes as in previous versions (in order to conserve battery life)
- When sampling with defined sensor, device LCD able to display up to the figure 9999.
- Devices configured with "Defined Sensor" will display the defined values and units (for units selected from drop-down list in DataSuite) on the device LCD, instead of the base values and units (mA and V).
- Device LCD supports up to 3 decimal places if the sample integer is smaller than 10.

Bug Fixes:

- Logger in Timer Run did not start if timer set to next day



- Device in Push to Run mode displayed "Stop" instead of "USB" when connected to PC
- Device configured with Define Sensor did not transfer base unit data when connected to different PCs
- Device LED did not turn on when connected to USB and logger is in alarm.

Release Date: 19 February, 2012

MicroLogPRO II Firmware Version: 1.0.31

Hardware Support: EC850 (Rev B)

Release Information

Firmware support for new EC850 hardware release, labeled *Rev B* on rear of logger.

Release Date: 21 November, 2011

MicroLogPRO II Firmware Version: 1.0.26

Hardware Support: EC800, EC850

Release Information

- Bug Fix: Push to Run functionality not operating in stable manner
- Bug Fix: LCD settings via logger Setup window were not working according to the specifications. LCD was waking up when no alarm was triggered.

Release Date: 30 October, 2011

MicroLogPRO II Firmware Version: 1.0.25

Hardware Support: EC800, EC850

Release Information

- Improved accuracy when measuring External NTC temperature probe (DT132), when running standalone (connected to USB)
- Bug Fix: Data remained on logger while in Timer Run setup. Data should be deleted when performing setup.

Release Date: 16 August, 2011

MicroLogPRO II Firmware Version: 1.0.16.0

Hardware Support: EC800, EC850

Release Information

- Full support for Defined Sensors and Time Stamps
- Setup after firmware update retained
- More accurate calibration supported



Release Date: 12 July, 2011

MicroLogPRO II Firmware Version: 1.0.4.0

Hardware Support: EC800, EC850

Release Information

Fixed bug where data downloaded after at least one cyclic memory run resulted in errors.

Release Date: 5 July, 2011

MicroLogPRO II Firmware Version: 1.0.1.0

Hardware Support: EC800, EC850

Release Information

- First version release
- PT-100 External sensor not yet supported

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