X-STREAM OSCILLOSCOPE
VERSION 5.2.1 RELEASE NOTES

NOVEMBER, 2007

New Products and Features:

Serial Data Analyzer: Official release of the 13 GHz Serial Data Analyzer.
- For more information, please visit http://www.lecroy.com/tm/products/analyzers/sda/default.asp.
- Added PCI Express Gen 2 Capabilities
  - PCIe 2.0 Compliance Masks
  - PCIe 2.0 compatible PLL
  - PCIe 2.0 jitter filter
  - PCIe 2.0 base spec measurements

Probes: Official release of the 13 GHz differential probe, D13000PS.
- For more information and to download the software, please visit http://www.lecroy.com/tm/products/Probes/Differential/D11000PS/default.asp.

QualiPHY: Official release of the automated compliance test framework for USB.
- For more information and to download the software, please visit http://www.lecroy.com/tm/Library/Software/home.asp?menuid=8.

Oscilloscopes: Official release of the WaveRunner 104MXi and WaveSurfer 104MXs.
- For more information, please visit http://www.lecroy.com/tm/products/scopes/MType/default.asp.
- Added support for Italian, French, Japanese, and Simplified Chinese user interface (WRXi and WSXs only)

Improvements:

All Oscilloscopes
- SPI decode now supports more than 8 bits per word.
- Pattern as a source for width trigger is now supported.
- Overall improvements to phase measurement parameter.

WavePro Calibration Time
- New Calibration method introduced to offer reduced automatic calibration time. Scope must be returned to LeCroy service center to enable.

QualiPHY
- PNG files used for report images reducing file size.
- Scope selector shows the firmware version after connection test.

QPHY-ENET
- 100Base-T amplitude symmetry test now pauses to give the user time to setup the DUT in the correct mode.
- All tests can be enabled/disabled in customized configurations.
- Unnecessary connection diagrams are no longer shown.
- Fixed trigger for 10Base-T test with Link Partner and information added to the Operator's Manual.
- New Mode 2 and Mode 3 test with TX_TCLK.

MS Series
- Zoom portion of digital traces now highlighted.

Corrections:

All Oscilloscopes
- SPI Decode Bit Order Setting no longer reset to MSB after reboot.

WaveSurfer Xs, 4XX
- Corrected overwriting of existing files on USB memory sticks.
- Corrected behavior of DA1855A with WS4XX.

MS Series
- Digital Trace Line Height no longer resets to default scale after reboot.

WaveRunner 6XXX, VBA 6XXX
- Corrected behavior of histogram counter
- Corrected behavior of Parameter Statistics Num Counter when measuring averaged traces.