

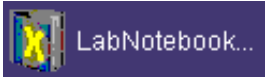


X-Stream DSO Version 4.0.1.9 Release Notes

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
All X-Stream DSOs		x		sequence mode displays for stored waveforms	Traces recalled from memory can now be displayed in any of the specialty display modes: Adjacent, Waterfall, Mosaic, Overlay, Perspective.
		x		various sequence mode enhancements	<ul style="list-style-type: none"> In Adjacent mode, all segments can now be displayed (previously limited to 80). Drawing a box around a sequence trace will zoom the segments within the box. When a sequence trace and the zoom of the sequence trace are displayed, the zoomed area will be highlighted. The Segment math function can now display multiple segments. Descriptor labels now show the number of the first segment in the display: 
		x		cursors on extrema waveforms	Cursors can now be placed on extrema traces (Envelope, Roof, Floor functions).
		x		support for new XXL memory	The XXL memory option has been improved to allow full utilization of memory at all sample rates.
		x		scaling of Difference math function	The scaling of the output of the Difference math function has been improved to correlate better with vertical zoom magnification factors.
			x	pass/fail dialogs	Pass/fail dialogs were occasionally displayed incorrectly. This has been corrected.
			x	cursors on dimensionless X-axis traces	Horizontal cursors can now be placed on dimensionless X-axis traces (e.g., Ratio function).
			x	scaling of FFT magnification squared	A scaling problem when an FFT magnification squared display was produced has been corrected.
			x	Mag Squared FFT	The output of this math function could be occasionally underdriven. This is no longer the case.

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X-Stream DSO Version 4.0.1.9 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
<i>All X-Stream DSOs</i>			x	front panel power switch	Pressing the front panel switch will now consistently shut down the instrument and save all panel setup changes.
<i>ProLink WaveMaster Class DSOs</i>	x			WaveLink D600ST and D350ST support	This release supports LeCroy's newest probe offerings — the WaveLink D600ST and D350ST. These small-tip models feature a wide assortment of flexible tips for reliable contact in tight spaces, and best-in-class probe loading for accurate measurement. Visit www.lecroy.com for more details.
			x	OE525/OE555 and reference receiver selections	The reference receiver menu will now consistently offer the correct standard for these two optical-to-electrical converters. 
<i>All X-Stream DSOs except WaveSurfer</i>	x			LabNotebook™ 	LeCroy's LabNotebook feature extends the documentation capabilities of your scope. It allows you to create an annotated notebook entry containing all displayed waveforms, the DSO setup, and user-supplied annotation (text and freehand). The notebook entry can then be converted to hard-copy format (pdf, rtf, or html) and printed or e-mailed. Refer to the on-line Help on your scope for more details.

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X-Stream DSO Version 4.0.1.9 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
<i>WaveMaster</i>			x	max. memory on XL models	WaveMaster DSOs with XL memory option can now consistently get full memory usage for waveforms sampled at the maximum sampling rate (10 GS/s).
<i>DDA5005</i>			x	Qualified First Trigger	Qualified First Trigger mode now works consistently.
<i>SDA</i>			x	clear sweeps function	Pressing CLEAR SWEEPS will now consistently clear DDj and DCD parameters also.
			x	Data Rate control	In the CDR Serial Trigger dialog, the Data Rate control incorrectly allowed users to manually enter a value in this field, which actually has no effect on the CDR hardware. It is now a read-only field.
			x	dark calibration for ER parameter	The dark calibration was incorrectly applied twice for the extinction ratio parameter. This has been corrected.
<i>SDA JTA</i>			x	max. voltage measurement with PTraceMean function	Under rare conditions, the max. voltage measurement was incorrect when operating on the output of PTraceMean. This has been corrected.
<i>JTA</i>			x	memory leakage	When a certain array of memory values was read via automation, a memory leak could occur. This has been corrected.
<i>WaveSurfer 400 Series</i>			x	changing the local language for the user interface with a networked scope	When the WaveSurfer is connected to a network, but you are not logged in as administrator, you can now change the UI language, regardless.
			x	MSIZ remote command	Now that the max. sample points can be set on WaveSurfer scopes, the MEMORY_SIZE command is now functional also.
<i>WS-GPIB</i>			x	unread remote queries	Unread remote queries now get consistently flushed when a new query is received.
<i>SDM</i>			x	mask testing without clock recovery	Changing of the slope when SDM was set up to run with external clock could generate fatal errors. This is no longer the case.

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X-Stream DSO Version 4.0.1.9 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
<i>ASDA</i>	x			Edge-to-Edge jitter mode	The ASDA-J option adds a second measurement mode defined as edge-to-edge. In this mode all jitter measurements are made between adjacent edges of the data pattern, and no reference clock is used.
<i>CANbus TD</i>			x	trigger couplers	The system now operates properly with just one coupler present.
<i>AP015 Probe</i>			x	Degauss in X1 attenuation	The probe will now recalibrate with every change in attenuation.
			x	probe not recognized in jaw-open condition	The AP015 probe will be consistently recognized, even when the jaw is open.

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