
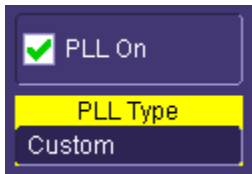
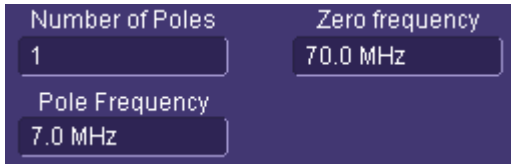
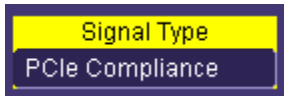


X-Stream™ DSO Version 3.6 Release Notes

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
<i>WaveMaster</i> <i>WavePro</i> <i>7000 Series</i> <i>WaveRunner</i> <i>6000 Series</i> <i>DDA</i> <i>SDA</i>	x			probe calibration and deskew fixture	This release contains support for LeCroy's new TF-DSQ option. The fixture enables DC gain, offset, and skew calibration at the same probing point. Visit www.lecroy.com for more information.
			x	Deskew math function	This function now works properly on memory traces.
			x	value adapted status bit	This bit was being incorrectly set when a negative value was sent by remote control.
			x	offset rounding error 	On occasion, channel descriptor labels could display an offset value rounded up or down by a very small amount. The displayed value now matches precisely the value set in the Vertical Adjust setup dialog.
			x	mask displays	Pass/fail masks are now drawn with greater precision.
			x	trigger delay and false triggering	The occurrence of erroneous triggers when the delay is set to < -1 s in Normal trigger mode has been corrected.
			x	INSPECT? command	This remote control command incorrectly applied COMM_FORMAT settings. The problem has been eliminated.
			x	ADP30x probe	This probe now functions properly when connected to an X-Stream scope.
			x	Autozero of CP015 current probe	This probe now autozeroes correctly.


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X-Stream™ DSO Version 3.6 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
WaveMaster WavePro 7000 Series WaveRunner 6000 Series DDA SDA			x	DA1855 differential amplifier	When PVG mode is off, the Set to Zero and Offset controls will be grayed out to clearly indicate that they don't apply. Synchronization of inputs to change offset has been improved. Occasional problem of Autozero not working properly, depending on power-up order of scope and DA1855, has been corrected. Offset settings now correctly take into account the attenuation setting of the DA1855.
			x	syntax of remote commands	Formerly invalid spaces after ? or ; will be ignored.
WaveRunner 6000 Series	x			internal printer	This release adds support for an optional internal printer.
		x		expanded parameter measurements	The number of parameters that can be measured at the same time with the XMAP and XDEV options has been increased from six to eight.
WaveRunner 6051			x	combining channels on 2-channel models	The functioning of the Auto-combine feature on 2-channel models has been corrected.
SDA	x			user programmable PLL 	A Custom selection was added to the "PLL Type" menu. When selected, Custom PLL displays additional setup fields: 
	x			PCI Express compliance testing 	LeCroy is pleased to announce its PCI Express Compliance software option for SDA6000A and SDA6020 models. This option is selectable from LeCroy's extensive "Signal Type" menu. Visit www.lecroy.com for more information.
		x		TJ calculation	The total jitter calculation has been adjusted to account for transition density.

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X-Stream™ DSO Version 3.6 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
SDA			x	Bit Rate parameter	This parameter now reports units correctly as bps .
			x	Find Frequency feature	The functioning of this feature for signals with large amounts of DDJ has been corrected.
			x	Find Pattern Length feature 	Pressing this button sometimes failed to function if the pattern length had been manually adjusted. This problem has been corrected.
			x	20 GS/s sampling on channels 2 and 4	Under some circumstances sampling was limited to 10 GS/s on channels 2 and 4, depending on channel usage for clock source. This dependency has been eliminated.
			x	mask violation locator	When operating in Near X-Y mode, this feature could reliably detect mask failures, but did not always display bad bits. This problem has been corrected.
			x	scroll capability of Pj breakdown listbox	Occasionally a full Pj breakdown listbox would not be scrollable. This is no longer the case.
			x	Find Pattern Length feature	After the Find Pattern Length button was pressed, the display could indicate 10 UI despite proper internal functioning of this feature. The correct value is now displayed.
SDA "A" Models			x	external clock option	The External Clock button was incorrectly displayed in the Timebase "Clock Source" dialog of SDA "A" models.

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X-Stream™ DSO Version 3.6 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
<i>WaveSurfer</i>	x			UI in foreign languages	You now have the ability to select the language in which screen information will be displayed: French, German, Italian, Japanese, Russian, or Spanish.
	x			Japanese on-line Help	On-line Help in Japanese is selectable from the Welcome page of the English version of WaveSurfer Help.
	x			memory length control	You can now set the memory length in the "Horizontal" (Timebase) dialog if you have the VL memory option installed.
			x	zoom trace and grid display mode	Changing the grid mode from Single to XYSingle no longer removes displayed zoom traces.
			x	holdoff by events	Changing the number of events no longer halts triggering.
<i>WaveSurfer ET-PMT</i>		x		Electrical Telecom option	139 Mb/s and 156 Mb/s testing capability has been added
<i>SDA JTA2 XMAP</i>	x			gated and range-qualified parameter measurements	<p>You now have the capability to limit parameter measurements to occurrences gated by a second waveform, or to a vertically or horizontally limited range. This capability enables you to exclude unwanted characteristics from your measurements.</p>

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X-Stream™ DSO Version 3.6 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
<i>DDA</i> <i>DDM</i>			x	lbsep parameter	The lbsep parameter did not work correctly with a non-zero offset. This problem has been corrected.
			x	parameter calculation with hysteresis	For large values of hysteresis (> 2.5 div), it was possible for the window to be incorrectly set. These occurrences have been eliminated.
<i>ENET</i>		x		Mode 1(transmit waveform) improvements	The addition of a gain factor, improved mask resolution to prevent false failures, increased sampling rate, and improved mask aligner have enhanced the accuracy of the ENET option.
		x		DCD calculations	Duty Cycle Distortion calculation for 100Base-T signals has been improved.
			x	Mode 1 testing	The Mode 1 test routine has been made more robust by treating points individually.
<i>USB2</i>			x	setup instruction for HS Suspend Resume Reset test	The displayed instruction in Step 6 of 9 called out "EL_2 to EL_7." This has been corrected to "EL_27."

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