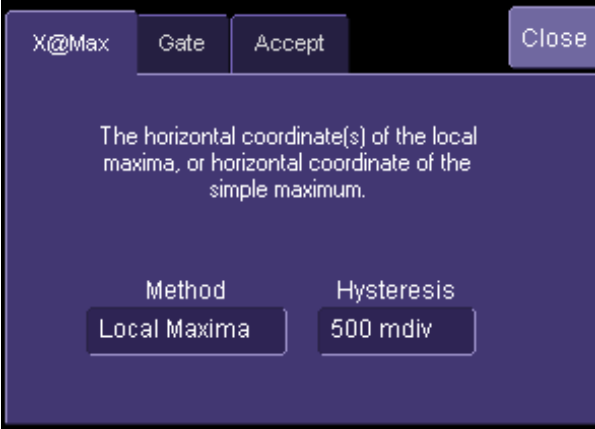



## X-Stream DSO Version 3.7 Release Notes

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
		x		*TST? remote command	This IEEE 488.2 command, which performs a calibration and returns a 0 to indicate successful completion, is now supported for X-Stream scopes.
			x	excessive memory usage	Roll mode in conjunction with enhanced resolution (ERES) could formerly cause excessive memory usage. This is no longer the case.
			x	axis labels for FFT trace	The labels for the vertical grid axis have been corrected to <b>dBm</b> .
<i>WaveMaster</i>			x	BWL remote command	This command will no longer generate an error log entry despite proper operation.
<i>WavePro 7000 Series</i>			x	INTENSITY remote command	Sending this command alone, without arguments, will no longer result in indefinite looping.
<i>WaveRunner 6000 Series</i>			x	misplaced semicolon in quoted strings	An embedded ; in a quoted string was being misinterpreted. This is no longer the case.
<i>WaveSurfer 400 Series</i>			x	creating folders	A warning will now be issued if you create a folder name that already exists.
<i>DDA</i>			x	offset of HFP probes	The offset adjustment of HFP probes has been greatly improved.
<i>SDA</i>			x	offset of DA1855 differential amplifier	In manual mode, the actual DA1855 offset did not always agree with the on-screen display. Any change in gain now forces a hardware reload.
			x	domain account logins	The correct software version loaded on the scope will now be consistently displayed in the case of domain account logins.
			x	resetting of statistics by "Save Waveform"	Pressing the Save Waveform button will no longer intermittently reset statistics.
			x	AP015 probe A/div range	The gain maximum was formerly limited to 5 A/div. Depending on scope model, the upper limit can now be as high as 50 A/div.


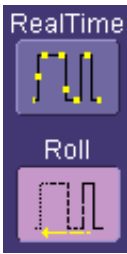
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## X-Stream DSO Version 3.7 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
WaveMaster WavePro 7000 Series		x		X@Max and X@Min parameters	<p>These parameters have been enhanced to include different methods: leftmost, rightmost, local. A hysteresis option has also been added for these parameters.</p> 
WaveRunner 6000 Series			x	AP015 autozero function	Autozeroing of this probe has been improved at small A/div settings.
WaveSurfer 400 Series  DDA  SDA		x		Sequence mode	<p>When the instrument is in Sequence mode, the number of segments is now displayed in the Timebase descriptor label.</p> <p>When Segment is the math function, the number of the first segment is displayed in the math trace descriptor label (top line)</p> 
			x	invalid option key	If you attempt to add a software option to your scope using an invalid key code, the correct error message will be displayed.


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## X-Stream DSO Version 3.7 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
<i>WaveMaster</i> <i>WavePro 7000 Series</i>	x			simultaneous absolute and delta cursors 	When using horizontal relative cursors, in addition to displaying absolute and delta cursors individually, you now have the further option to display these cursors together.
<i>WaveRunner 6000 Series</i> DDA SDA			x	undisplayed zoom trace	A zoom trace that is assigned to a math location (F1 to F8) previously used for a track or histogram of a parameter occasionally would not be displayed. The zoom trace will now overwrite the previous data, and consistently be displayed.
			x	HFP1500 probe offset range	The full 12 V offset range of this probe is now available at low sensitivity settings also.
<i>WavePro 7000 Series</i> <i>WaveRunner 6000 Series</i>	x			automatic Roll mode 	When the time/div = 500 ms or greater, the scope will automatically enter Roll mode. However, Roll mode can be overridden, and the scope returned to Real Time mode at any time.
<i>WaveRunner 6000 Series</i>	x			SMART Memory	This feature, whereby memory usage can be configured to automatically maximize sampling rate, is now available in WaveRunner 6000 Series scopes.
<i>WaveRunner 6000 Series</i> with <i>ENET Option</i>			x	spurious error message	An incorrect error message was generated when the transfer speed was selected. These occurrences have been eliminated.
DDA			x	buffer overrun error	In rare cases, switching to media Noise Analysis mode could incorrectly produce error message "Buffer overrun detected!". These occurrences have been eliminated.

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## X-Stream DSO Version 3.7 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
		x		new parameters 	Two new parameters have been added, which give the starting and ending times, respectively, of measurements made on the data source waveform.
			x	Clear Sweeps and Pj measurement	When you press the <b>CLEAR SWEEPS</b> button, Pj will now also be reset.
			x	vertical autofit feature	This feature will no longer be applied when the mask type is absolute in ISI mode, thereby preventing waveforms from being forced off the grid.
SDA		x		cursor control	The granularity of cursor movement on ISI plots has been greatly improved.
		x		PLL limits	The custom PLL limits have been widened to meet the $f_{baud}/10$ SATA requirement.
			x	40 Mpt waveform limit	Waveforms of 48 Mpts can now be processed.
		x		interpolate math function	The interpolate math function is now available on SDAs independently of advanced math options.
			x	threshold setting vis-a-vis DDj parameter	Threshold settings are now correctly applied to the DDj parameter.
			x	computation of DCD	Duty Cycle Distortion is now correctly computed on clock signals.
			x	continuous display of axis labels	Axis labels will now be consistently turned off when SDA mode is exited.
SDA SDM			x	histogram display in Mask Test mode	When the display is switched from Summary to Mask Test mode, the histogram will now be turned off.
SDA JTA			x	gated parameters dialog	The fields in this dialog will now consistently appear grayed out when not enabled.
WaveSurfer			x	TRSE remote command	The Trigger Select remote command and query now accept and report previously missing arguments.

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## X-Stream DSO Version 3.7 Release Notes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
	x			CANbus TD software package	With this release, LeCroy announces its new automotive software test package. Designed for use primarily with a WaveRunner 6000 Series scope, but usable on WaveMaster and WavePro scopes, CANbus TD combines standard oscilloscope capabilities with CAN Bus triggering and protocol decode in one system. Visit <a href="http://www.lecroy.com">www.lecroy.com</a> for more information.
			x	parameter measurements on zoomed traces	When set up in Web Editor, it was possible for a parameter measurement to be performed on an entire waveform, even when constrained by zooming. The measurement will now be limited to the frame of the zoom trace.
			x	memory usage with MATLAB 6.5.1	Memory usage when MATLAB 6.5.1 is running has been optimized.
		x		alternate gain calibration	When USB2 testing is selected from the <b>Analysis</b> menu and a D600 probe is connected to the scope, the 50 MHz attenuation checkbox in the channel setup dialog will be checked automatically and the effective gain will increase to 2.58 from 2.50 to compensate for probe loading.

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