WaveMaster DSO Version 2.4.0 Release Notes

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
WaveMaster DDA-5005A SDA	×			XXL memory option	This option is now available. It offers 50 Mpts per channel and 100 Mpts per 2 channels.
	×			active differential probes	Support for ADP probes was added.
	×			AP015 active probe	Support for the AP015 probe was added.
	×			auxiliary input trigger	You can now set up and view an auxiliary input trigger on Channel 3.
		×		knob response	The response of front panel knobs was improved.
		×		FFT math function	The default for FFTs has been changed to Power of 2 (formerly Least Prime).
		×		new remote control commands	FIND_CTR_RANGE and DATE commands have been implemented.
			×	number of segments	The number of segments in Sequence mode will no longer include one more than the requested number in timebase setup.
		×		help markers for "at level" parameters	Help markers, which show the crossing level for each rising and falling edge of the waveform, are now displayed for every edge. Formerly, the number was artificially set at 10 to avoid clutter.
			×	"incompatible source" error message	Recalling setup files will no longer incorrectly produce this error message.
			×	external sample clock	Changes in timebase settings will now be consistently reflected when an external clock is used.
			×	INSPECT remote command	This command now correctly indicates the byte order set by the CORD command.
			×	reference receiver and waveform distortion	Use of an OE4xx optical-to-electrical converter with reference receiver on an SDA will no longer adversely affect the beginning of a waveform.
SDA	×			ISI plots enhancement	You can now select individual patterns from ISI plots for analysis. Choose bit patterns from 3 to 7 bits in length. Then select from 2^3 to 2^7 individual bit patterns for comparison, depending on your pattern length.

ISSUED: January 2003

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SDA	×			eye mask testing	In addition to monochrome display of persistence, you can now select color-graded persistence for this feature.
	×			custom masks	Support for masks of arbitrary shape has been added.
		×		mask failure location	Now you can see a zoom of your trace in relation to where bit failures occur.
			×	"The view is not valid" error message	Instances of this error message being displayed inappropriately have been eliminated.
		×		Golden PLL startup phase	The startup phase for Golden PLL was improved.
		×		Find Frequency function in Custom mask mode	A **Find Frequency** button was added for the Custom mask mode.
		×		bad bits trace turn-off	You can now elect to have mask testing on, but not show the trace with the failed bits.
			×	bathtub curves	The problem of occasional dropout of one or both sides of the curve for large jitter values has been corrected.
			×	Vertical Autofit to mask feature	The occasional problem of improper scaling of the waveform has been corrected.
			×	failing bits in mask tests	The problem of occasional failing bits being undetected has been corrected.
			×	slice width in Eye mode	The delay in setting of a change in slice width from the default 20% has been eliminated.
DDA-5005A	×			CustomDSO feature enabled	The CustomDSO feature, which enables you to create custom setups and add plug-ins, has been added to the DDA-5005A.
WavePro	×			WavePro XXXX scopes	This release includes support for LeCroy's new line of WavePro scopes.