



## Version 8.7.1 Release Notes – Scopes

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
All DSOs	x			new remote commands	<p><b>MATH_LIMITS, MLIM</b> restricts averaging to only the points of interest.</p> <p><b>PARAMETER_LIST_SET_NT, PALSNT</b> prevents the PARAMETER_LIST (PALI) command from changing the nT subject value and resetting statistics in AORM.</p> <p><b>PFDO TESTING_OFF</b> allows you to turn off pass/fail testing remotely.</p> <p><b>SKEY</b> allows you to assign text, borders, and files to the menu soft keys. <b>SKEY clear</b> deletes all current assignments.</p> <p><b>STITLE</b> allows you to title a menu box, using up to 13 characters.</p>
		x		printer message	When a print operation is in progress, a message now indicates where the print file is going: RS-232 or GPIB.
	x			HFP probes	Support for HFP probes has been added to all scopes.
			x	printer file extensions	The occasional misassociation of file extensions (BMP/TXT) has been corrected.
			x	autoscroll of zoom traces	Intermittent failure of the autoscroll feature for more than one expansion and with Multi Zoom off was corrected.
			x	autotrigger in sequence mode	This feature is now fully enabled.
		x		auto-zero for ADP30x probes	The auto-zero function for ADP30x active differential probes has been improved.
		x		Windows® 2000 incompatibility with compressed files	Compressed BMP files can now be read by the MS Paint graphics application.

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## Version 8.7.1 Release Notes – Scopes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
WavePro	x			progress bar	For long acquisitions (40M and 64M) a progress bar is now displayed above the grid during reading or filtering operations.
	x			network printer	In addition to internal and external dedicated printers, you can now specify a network printer for making hard copies via the DSO Print Gateway utility. Remote command <b>HARDCOPY_SETUP</b> , <b>HCSU</b> now has an additional <b>PORT</b> option <b>&lt;NETPRT&gt;</b> for this purpose. This feature requires that the printer driver reside on a server somewhere on the network.
			x	histograms and <b>GRAPH</b> button	When you activate a histogram by means of the Wavepilot <b>GRAPH</b> button, trace D will also be turned off when the histogram is turned off.
		x		expanded abort capability	The reading of long waveforms can now be aborted at any time by pressing <b>CLEAR SWEEPS</b> . This action also invalidates the waveform.
			x	display of OPR message	When you are using the Optimize Readout feature, 'OPR' now remains displayed after you change the V/dv settings.
		x		toggle function added to feature buttons	The <b>HISTORY</b> , <b>QUICKZOOM</b> (  ), <b>CURSORS</b> , and <b>MEASURE</b> buttons now toggle on and off.
			x	autoscroll in History mode	The shifting of segments out of alignment with the persistence trace during replay has been corrected.
			x	quick zoom parameters	When you press <b>QUICKZOOM</b> (  ), no parameters will be displayed until you press <b>MEASURE</b> . Formerly the default setup parameters would continue to be displayed.
		x		<i>WavePro</i> DSO logo	The <i>WavePro</i> DSO logo will be displayed during boot-up as a visual indicator of scope functionality.
	x		auto-zero for ADP30x probes	The auto-zero function for ADP30x active differential probes has been improved.	

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## Version 8.7.1 Release Notes – Scopes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
WavePro (cont.)			x	DA18xx differential amplifier	The DA18xx is now fully functional with the <i>WavePro</i> DSO.
	x			new commands	<b>FORMAT_VDISK, FVDISK</b> formats non-volatile RAM (virtual disk). <b>OPTIMIZE, OPMZ</b> allows faster readout by not applying bandwidth compensation. This command applies only to <i>WavePro 960</i> DSO.
DDA			x	disk sector pulse trigger	The trigger level will now be correctly set for all probe attenuation settings.
		x		FIR incorrect with UDT	The accuracy of SAM values for FIR delay was improved.
		x		History feature on DDA-260	The History feature is now available on the DDA-260.
			x	nlts parameter	Incorrect results produced by the nlts parameter have been eliminated.
	x			new commands	<b>FORMAT_VDISK, FVDISK</b> formats non-volatile RAM (virtual disk). <b>OPTIMIZE, OPMZ</b> allows faster readout by not applying bandwidth compensation. This command applies only to DDA-260.
LCXXX			x	storage of traces	The intermittent problem of being unable to store all traces on HDD or floppy disk when in TRMD NORM (normal trigger) mode and with a record length > 100 kS has been corrected.

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## Version 8.7.1 Release Notes – Scopes (Continued)

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
WAVERUNNER	x			network printer	In addition to internal and external dedicated printers, you can now specify a network printer for making hard copies via the DSO Print Gateway utility. Remote command <b>HARDCOOPY_SETUP</b> , <b>HCSU</b> now has an additional <b>PORT</b> option <b>&lt;NETPRT&gt;</b> for this purpose. This feature requires that the printer driver reside on a server somewhere on the network.
			x	cal failures	Calibration failures for panel settings of 2-channel combine, 2 Mpts, 1 s/div have been eliminated.
			x	unwanted change in coupling	For ProBus® probes, pressing <b>CLEAR SWEEPS</b> will no longer change the coupling you have set up for C4 from 50 Ω to 1 MΩ.
			x	acquisition of extra segment when autotrigger is stopped manually	The scope will no longer acquire an extra segment when you stop autotriggering in sequence mode by pressing <b>STOP</b> .

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## Version 8.7.1 Release Notes – Software Options

	New Feature	Enhancement	Software Correction	ITEM	DESCRIPTION
AORM		x		ptop parameter	The functionality of the pit top parameter was improved.
		x		OR slicer	A <b>GATE ON/OFF</b> switch has been added giving you the ability to positively disable the function.
		x		unwanted resetting of sweeps	A new command, <code>PARAMETER_LIST_SET_NT</code> , was created to prevent the <code>PARAMETER_LIST (PALI)</code> command from changing the nT subject value and resetting statistics.
		x		PLL for noisy signals	Estimation of the start phase of signals like CAPA has been improved.
JTA			x	non-abortable parameters	All parameters can now be aborted immediately. Formerly some parameters had to continue calculations to completion before they could be aborted.
Power Measure	x			cursors added to rpwr parameter	This parameter is calculated over an integer number of cycles to give instantaneous power. Cursors have been added to give the cyclic power calculation.
			x	units for current trace	For a current trace, the units will no longer switch from A to V when you select Amplitude or Effective Gain when using the Power Measure option.
MASK TESTER		x		continuing display after disconnect	When the input signal is disconnected from the scope, a message will be displayed.
		x		STS3E mask on LC584 & LC564	A new FIR filter was added to improve testing.