

RECOVERY MEDIA NOTE: Oscilloscopes that were originally shipped with software revision A.03.10 do not require external recovery media to re-image the oscilloscope hard-drive. The recovery mechanism for these units is to boot the instrument while holding the CTRL key down. Instruments that were originally shipped from the factory with revision 3.00 or 3.01 can still utilize the 3.01 recovery media available on CD-ROM.

Software Version A.04.21 Release Notes (12 Oct 2005)

New Features:

- Adds Ethernet Disturbing Signal support to N5392A Ethernet application (NOTE: requires new hardware test fixture)
 - Improves Arbitrary RjDj mode in the N5400A/N5401A EzJit+ Jitter Analysis application
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Software Version A.04.20 Release Notes (21 Jul 2005)

New Features:

- Adds Random Data support to the N5400A/N5401A EzJit+ Jitter Analysis application
 - Adds support for the N5402A CAN Serial Decode application
 - Adds Serial Lister support for the N5391A SPI and I2C Serial Decode application, the N5402A CAN Serial Decode application, and the E2688A 8b/10b High Speed Serial Decode Application
 - Improves handling of interdependent user interface control changes
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Software Version A.04.02 Release Notes (25 Apr 2005)

New Features:

- Adds support for the after-market 10GHz to 12GHz bandwidth upgrade product (N5398B)
 - Adds support for the after-market 8GHz to 10GHz bandwidth upgrade product (N5398C)
 - Improves online help for the DSO80804A and segmented memory
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Software Version A.04.01 Release Notes (16 Mar 2005)

New Features:

- Adds support for the new 8GHz DSO80804A oscilloscope
 - Adds support for the after-market 12GHz to 13GHz bandwidth upgrade product (N5398A)
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Software Version A.04.00 Release Notes (28 Feb 2005)

New Features:

- Supports all currently shipping Infiniium oscilloscopes (54830B/D, 54831B/D, 54832B/D, 54833A/D, 54552A, 54553A, 54554A, 54555A, DSO81004A, DSO81204A and DSO81304A)
- Adds Segmented Memory acquisition feature for the following products:
 - 54830B: serial numbers MY41003401 & SG41001401 & greater
 - 54830D: serial numbers MY42001701 & SG42000701 & greater
 - 54831B: serial numbers MY41003401 & SG41001401 & greater
 - 54831D: serial numbers MY42001701 & SG42000701 & greater
 - 54832B: serial numbers MY41003401 & SG41001401 & greater
 - 54832D: serial numbers MY42001701 & SG42000701 & greater
 - 54833A: serial numbers MY43000601 & SG43000601 & greater

- 54833D: serial numbers MY43000601 & SG43000601 & greater
 - 54852A: serial numbers MY44000301 & SG44000301 & greater
 - 54853A: serial numbers MY43001701 & SG43001701 & greater
 - 54854A: serial numbers MY42001701 & SG42001701 & greater
 - 54855A: serial numbers MY42001701 & SG42001701 & greater
 - DSO81004A: all
 - DSO81204A: all
 - DSO81304A: all
- Adds the N5400A/N5401A EzJit+ jitter analysis application for the 54852A, 54853A, 54854A, and 54855A oscilloscopes
 - Adds support for saving jitter data to a file to the N5400A/N5401A EzJit+ jitter analysis application
 - Adds support for N5397A FPGA Dynamic Probe application
 - Adds support for E2683A USB 2.0 Compliance Test application (version A.02.10)
 - Adds two additional Buses (Bus3 and Bus4) to MSO products (54830D, 54831D, 54832D & 54833D)
 - Improves update rate and responsiveness for the 54852A, 54853A, 54854A, 54855A, DSO81004A, DSO81204A and DSO81304A oscilloscopes
 - Adds CSV File Import for all currently shipping Infiniium oscilloscopes
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Software Version A.03.90 Release Notes (28 Jan 2005)

New Features:

- Supports the new 10, 12 and 13GHz DSO81004A, DSO81204A and DSO81304A oscilloscopes
 - Adds the N5400A/N5401A EzJit+ jitter analysis application for the DSO81004A, DSO81204A and DSO81304A oscilloscopes
 - Adds CSV File Import for new 10, 12 and 13GHz DSO81004A, DSO81204A and DSO81304A oscilloscopes
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Software Version A.03.70 Release Notes (20 Sep 2004)

New Features:

- Supports the new ultra deep memory options: #160 (16Mpts/ch, 32Mpts max), #320 (32Mpts/ch, 64Mpts max), and #640 (64Mpts/ch, 128Mpts max) as well as the Segmented Memory acquisition feature on the 54830B/D, 54831B/D, 54832B/D and 54833A/D oscilloscopes as follows:
 - 54830B: serial numbers MY41003601 & SG41001601 and greater
 - 54830D: serial numbers MY42001901 & SG42000901 and greater
 - 54831B: serial numbers MY41003601 & SG41001601 and greater
 - 54831D: serial numbers MY42001901 & SG42000901 and greater
 - 54832B: serial numbers MY41003601 & SG41001601 and greater
 - 54832D: serial numbers MY42001901 & SG42000901 and greater
 - 54833A: serial numbers MY43000801 & SG43000801 and greater
 - 54833D: serial numbers MY43000801 & SG43000801 and greater
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Software Version A.03.60 Release Notes (1 Jun 2004)

New Features:

- Supports the 7GHz Enhanced Bandwidth option (#008) for the 54855A oscilloscope for serial numbers greater than or equal to MY42000301
 - Fix a problem with the ability to edge trigger on alternating rising and falling edges
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Software Version A.03.50 Release Notes (1 May 2004)

New Features:

- Supports the new 54852A 2GHz oscilloscope

- Supports the new N5393A PCI-Express Application
 - Supports the N5391A Low-Speed Serial Application supporting SPI and I2C decode
 - Supports the N5384A High-Speed Serial Data Analysis Application on the 5483X family of oscilloscopes, providing the ability to do clock recovery, real-time eyes, and mask unfolding
 - Adds the following enhancements to the E2688A High-Speed Serial Data Analysis Application:
 - Ability to do clock recovery on an explicit clock
 - Adds 8b/10b decode for popular standards such as PCI-Express, Fibre Channel, InfiniBand, SATA, and SAS
 - Adds the ability to unfold a mask to specific eye failure positions
 - Adds the Roll Mode capability which allows the user to watch the waveform data roll across the display while the data is being acquired
 - Adds the ability to edge trigger on alternating rising and falling edges
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Software Version A.03.20 Release Notes (15 Dec 2003)

WARNING: The A.03.20 Upgrade CD may require the oscilloscope to be re-calibrated.

New Features:

- Enhances the system calibration
 - Enhances the threshold level behavior of the digital channels on the Mixed Signal Oscilloscopes
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Software Version A.03.19 Release Notes (5 Dec 2003)

WARNING: The A.03.19 Upgrade CD may require the oscilloscope to be re-calibrated.

New Features:

- Addresses the ability to run applications while logged in as a non-administration user
 - Addresses an issue regarding the display of functions consisting of sparse points when in color grade mode
 - Removes the “Undefined Header” message when using automask in Advanced trigger mode
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Software Version A.03.18 Release Notes (3 Nov 2003)

WARNING: The A.03.18 Upgrade CD will require the oscilloscope to be re-calibrated.

New Features:

- Addresses an issue regarding the capture of screen shots when in single trigger mode
 - Enhances the vertical calibration algorithm for better offset resolution in the non-vernier ranges
 - Enhances connectivity with the 89601A Vector Signal Analyzer
 - Enhances the probe characteristics dialog
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Software Version A.03.17 Release Notes (14 Oct 2003)

WARNING: The A.03.17 Upgrade CD will require the oscilloscope to be re-calibrated.

New Features:

- Enhances the vertical calibration algorithm for better offset resolution in the vernier ranges

- Factory Default and the remote interface command *RST will no longer remove the InfiniiMax probe head list
 - Revision A.03.17 will not remove the InfiniiMax probe head lists during self-test and calibration
 - Enhances the Delta Time measurement
 - Addresses a remote interface issue regarding the YINC? query
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Software Version A.03.16 Release Notes (19 Sep 2003)

NOTE: Revision A.03.16 is only available as an Upgrade CD. The Upgrade CD should not require the customer to recalibrate his instrument nor lose data.

New Features:

- Enhances the communications mask test alignment algorithm
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Software Version A.03.15 Release Notes (12 Sep 2003)

NOTE: Revision A.03.15 is only available as an Upgrade CD. The Upgrade CD should not require the customer to recalibrate his instrument nor lose data.

New Features:

- Revision A.03.15 will fix a system identification problem which causes stability issues with both the Jitter Analysis Application (E2681A) and the Serial Data Analysis Application (E2688A)
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Software Version A.03.10 Release Notes (1 Aug 2003)

This software is only compatible with the 54855A, 54854A, and 54853A oscilloscope models.

NOTE: Revision A.03.10 is only available as an Upgrade CD. The Upgrade CD will not require the customer to recalibrate his instrument nor lose data.

New Features:

- Adds support for the following software applications:
 - Serial Data Analysis Application (E2688A)
 - USB 2.0 Test Application (E2683A)
 - Voice Control Application (E2682A)
 - Communications Mask Test Kit (E2625A)
 - My Infiniium Application Integration Package (E2699A)
 - Adds support for the new E2695A InfiniiMax SMA Adapter probe head
 - Adds support for the new E2697A High Impedance probe adapter
 - Support for variable persistence color grade mode
 - Adds measurement functions for High and Low pass filters
 - Adds the ability to simultaneously store channel data from multiple channels to a single ASCII file
 - Adds the ability to perform Jitter Analysis on functions
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Software Version A.03.01 Release Notes (1 May 2003)

This software is only compatible with the 54855A, 54854A, and 54853A models.

NOTE: Revision A.03.01 is available as both an Upgrade and a Recovery. The Upgrade CD will not require the customer to recalibrate his instrument nor lose data.

New Features:

- Incorporates new software filtering mechanism
 - Enhances functionality of the remote data query
 - Supports the Serial ATA Test Option
 - Supports the Voice Control Option released August 2003
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Software Version A.03.00 Release Notes

Revision A.03.00 is the first shipping revision of the new 6GHz High Bandwidth oscilloscope family (54855A, 54854A, 54853A).

NOTE: Revision A.03.00 is only available as a Recovery CD Kit, consisting of two CDs.