

Welcome to WireScope Pro!

Important Note for WireScope Pro Customers

Please refer to the WireScope Pro User's Guide and Software Upgrading Guide for detailed installation instructions. The notes below describe important information about this release.

As all test results stored in the WireScope Pro will be deleted, please backup all test results before performing any software upgrade.

IMPORTANT: all users of **version 2.4.3** please perform the following upgrade instructions: Deviation from the recommended procedure will **erase calibration data** required for Alien Crosstalk and External Noise testing. Users of other versions, please follow the instructions given by the Software Upgrading Guide.

1. Backup all test results.
2. Without formatting the internal memory of the WireScope Pro, upgrade the software to a higher version.
3. Format the internal memory of the WireScope Pro.
4. Re-install software of a higher version.
5. Perform a User Calibration between WireScope Pro and DualRemote Pro to upgrade the DualRemote Pro.

WireScope Pro Release Notes for Version 3.0.53

WireScope Pro software release 3.0.53 is a Cable Test only patch release. All other features in the Network Test remain the same as software version 3.0.18

Cable Test

New Features and Enhancements

1. Optimized ScopeData Pro II software operation time for opening and saving database files with large number of test records.
2. Added Default Profile for Category 6A, Class E_A and Class F.
3. Audible indication when cable under test is connected/disconnected between WireScope Pro and DualRemote Pro.

Defects Resolved

1. Incorrect ELFEXT plot display due to a swap between pair 2 and 3 despite CORRECT margin data displayed.
2. Implemented 4 dB Rule for Class E/E_A NEXT.
3. Improved length measurement calculation avoiding false null length display.
4. False warning message showing incompatible Category 6A SmartProbe with Class E_A limits.
5. Updated French User Interface text for Fiber Loss/Limit settings.

Known Issues in this release and workaround

- 1) When removing a MM or SM Fiber SmartProbe and inserting a copper SmartProbe, on rare occasion the unit may freeze.
Power cycle the unit if this happens.
- 2) USB Flash Drive may not be detected if attached prior to system boot up.
Re-attach the USB Flash Drive after the WireScope Pro has booted up completely.
- 3) Attenuation curve of long cables will show abnormal results at frequencies higher than 600 MHz.
For frequency above 600 MHz, data are for information only.
- 4) USB Flash Drive cannot be formatted using the WireScope Pro.
Format USB Flash Drive using PC.
- 5) Auxiliary port remote control will not function for Cable Autotest, Alien Crosstalk Measurement, External Noise Measurement, Certify Network, Blink Port and Calibration.
The current Auxiliary port functionality is a trial release. For training presentations and demo purposes, please set the WireScope Pro to DEMO mode.



- 6) WireScope Pro may hang after communicating with the *Fiber Talk Set* function over a fiber link with excessive loss, or an unstable connection.
Check the fiber connection. Reboot the system. This issue will be corrected in the next software release.
- 7) When a user calibration is started when there is no Fiber SmartProbe inserted, the screen will turn blank.
Re/Insert a Fiber SmartProbe to start the calibration.
- 8) If the WireScope Pro is powered up with Fiber SmartProbes inserted, the Main Menu may not switch to the Fiber Menu.
Re-insert the Fiber SmartProbe to activate the Fiber Menu
- 9) Limitations in testing cables with less than four (4) pairs:
 - a) *Certify Network* feature is not available for cables with less than four (4) pairs as only single-ended measurements are carried out.
 - b) Single ended measurements are carried out on cabling parameters. LED on DualRemote Pro will not report correct indications.
 - c) Testing cable pair (4.5), only Wiremap is reported correctly.
*For accurate length measurement, users are advised to use the **Measure Length** tool.*

Professional Network Test

There are no changes to the Professional Network Test functionality from software version 3.0.18. Please refer to the release notes of software version 3.0.18 for details.

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