1 Series DPO
Digital Phosphor Oscilloscopes
Release Notes

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077-1940-00 November 2026

Version 1.0.13

Products:

This firmware version is intended for all models of the 1 Series DPO.

Version 1.0.13

November 2026

This release improves overall product reliability, performance, and usability, with enhancements across measurements, triggering, waveform processing, remote control, security, and general user experience. We recommend that all 1 Series users update to this release.

Defects fixed

1. Triggering
    a. Resolved several key trigger issues, improving trigger reliability, accuracy, and stability.
2. Math / FFT
    a. Updated Math waveform behavior, including display of Math waveform in zoom window when zoom is enabled.
    b. Improved Math FFT usability, accuracy, and stability.
3. Measurement accuracy and behavior
    a. Improvements to measurement results consistency.
    b. Improved several measurements, including Setup, Hold and Delay.
4. Save / Recall and Reference waveforms
    a. Enabled saving and recalling the FFT to a Reference waveform.
    b. General save and recall updates. Improved Reference waveform usability and stability, including display of Reference waveform in zoom window when zoom is enabled.
5. UI / usability
    a. Updates to waveform display and general UI behavior.

Known issues

- Saving waveforms to .csv files has 7-digit resolution, which can result in incorrect frequency values due to rounding.
- At certain horizontal settings, averaged waveforms with fast edges may show Sin(x)/x interpolation-related overshoot or undershoot.
- Bus decode does not take the invert setting into account.
- Frequency Response Analysis (Bode Plots) uses internal AFG and works only on the DPO1xxxS models.