

2 Series Release notes:
2023.01.09: (1.43.18.839)

New Features:

- Software update enables the optional digital channel which requires a 2-MSO (factory install) or SUP2-MSO (field upgrade) license.
- Software update enables the Digital Pattern Generator signal source feature. This feature requires the 2-SOURCE license. Existing customers with 2-SOURCE license will get free Digital Pattern Generator upgrade.
- On-scope Help has been updated to document changes for the Digital Pattern Generator and the MSO (digital channel) feature. Removed references to roll mode operation.

Known Issues:

- When trigger is set to trigger on a clocked logic trigger, all digital pattern signals need to be attached to one digital group, either group 1 (D0-D7) or group 2 (D8-D15). The clocked signal is required to be sourced from same digital group associated with the signals used for the logic pattern. Or the clock signal is required to be sourced from one of the analog channels.
- When trigger is set to SPI and framing is configured for slave select then only two of the SPI signals can come from a digital source. The other SPI signal should be connected to analog input. For example, two of SPI signals (MOSI (data) & SCLK (clock) or MOSI & SS (slave select) or SS & SCLK) can be connected to any of the digital channels. The other signal can be connected to an analog channel.
- Pattern Generator does not support voltage level transitions in file mode.
- When the Pattern Generator state transitions from "Off" to either "Continuous" or "Burst" and the amplitude selected is less than 5V, there exists a brief period where the drive voltage transitions from 5V to the specified voltage.

2022.09.09: (1.42.13.471)

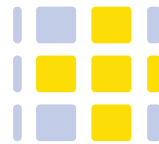
New Features:

- Add updates needed to support running the scope on the optional battery pack
- Updated on-scope Help system to include information regarding battery operation
- Translated on-scope Help system into Japanese and Simplified Chinese languages.
- On power down a splash screen will pop up to indicate that the scope is powering down.

Known Issues:

- When two batteries are present and the scope is receiving external power, a "Time to Full" in the battery status will be indicated for both batteries. The battery with the least charge will accurately report the time remaining to fully charge. The battery with the greater charge will report 9 hours to fully charge. Once the batteries reach a similar state of charge, the battery status will begin to report an accurate time remaining to fully charge for both batteries.
- When two batteries are present and the scope is operating on battery power, a "Time to Empty" in the battery status will be

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indicated for both batteries. The battery with the most charge will accurately report the time remaining until fully discharged. The battery with the least charge will report 8 hours to discharge. Once the batteries reach a similar state of charge, the battery status will begin to report an accurate time remaining for both batteries.

2022.06.01: (1.42.6.324)

New Features:

- Uses the same Touch based interface as the 4/5/6 Series Oscilloscopes.
- Supports both a 2 and 4 channel configuration with an auxiliary trigger input.
- Supports record lengths up to 10 Mpts.
- Has integrated AFG.
- New form factor for portable use.

Known Issues:

- When AFG is turned off there is approximately 2.2 mV DC offset on the AFG connector. This is expected operation.
- With a small results table, it may not always be possible to add a bus to the results table. In this situation resize the results table to a larger size and try again.
- Current minimum acquired points is 50, when user requests to acquire record less than 50, scope will always acquire 50 points. Expect 50 points will be used for searching, measurement and curve query returns.