

Keysight M8195A/M8197A Arbitrary Waveform Generator

Version 2.5.7.1 Information

Released Date:	27 November 2015
Operating System:	<ul style="list-style-type: none">• Windows 8.1 (32 bit or 64 bit)• Windows 8 (32 bit or 64 bit)• Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0 and 2.0
File Names:	<ul style="list-style-type: none">• M8195_Setup.exe• M8197_Setup.exe

New Functionality

- Exchange of waveform segments during active signal generation (“Memory Ping-Pong”) supported by the SFP.

Bug Fixes

- Import of BIN8 file format fails.
- Setting offset and termination voltage using SCPI in one transaction not working.
- Synthesizer PLL sporadically does not lock to required frequency.
- Temporary files used for file import not always deleted correctly.
- Waveform downloads not working reliably when multiple M8195 SFP instances send data at the same time.
- “Waveform cannot be imported with current settings” message is shown sometimes although settings are valid.

Version 2.5.0.0 Information

Released Date:	19 November 2015
Operating System:	<ul style="list-style-type: none"> • Windows 8.1 (32 bit or 64 bit) • Windows 8 (32 bit or 64 bit) • Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0 and 2.0
File Names:	<ul style="list-style-type: none"> • M8195_Setup.exe • M8197_Setup.exe

New Functionality

- Support for M8197A synchronization module.
- Support for synchronization of multiple M8195A modules.
- Dynamic sequencing
- Marker support from SFP

Version 2.0.20.2 Information

Released Date:	04 November 2015
Operating System:	<ul style="list-style-type: none"> • Windows 8.1 (32 bit or 64 bit) • Windows 8 (32 bit or 64 bit) • Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0 and 2.0
File Name:	M8195_Setup.exe

New Functionality

- User's Guide: Added several abstracts and block diagrams.

Bug Fixes

- Sporadic failure to restore saved configuration.
- The SFP sporadically failed to fully initialize. As a result, e.g. the Run button and error pane was not fully functional.
- Marker generation in combination with complex sequencing.
- Stopping signal generation fails, when currently used external clock is disconnected during signal generation.

Version 2.0.3.0 Information

Released Date:	09 October 2015
Operating System:	<ul style="list-style-type: none">• Windows 8.1 (32 bit or 64 bit)• Windows 8 (32 bit or 64 bit)• Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0 and 2.0
File Name:	M8195_Setup.exe

New Functionality

- The M8195A is available in two different hardware revisions. Refer to the data sheet of the M8195A for the differences between Revision 1 and Revision 2. This is the initial software version for Revision 2 instruments. This software also supports Revision 1 instruments.

Version 1.3.1.1 Information

Released Date:	31 July 2015
Operating System:	<ul style="list-style-type: none"> • Windows 8.1 (32 bit or 64 bit) • Windows 8 (32 bit or 64 bit) • Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0
File Name:	M8195_Setup.exe

New Functionality

- Added optional parameters for output amplitude and sample rate to the SCPI query for the frequency and phase response data.

Version 1.3.0.0 Information

Released Date:	11 May 2015
Operating System:	<ul style="list-style-type: none"> • Windows 8.1 (32 bit or 64 bit) • Windows 8 (32 bit or 64 bit) • Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0
File Name:	M8195_Setup.exe

New Functionality

- M8195A IVI-COM, IVI-C, MATLAB, and LabVIEW driver.

Bug Fixes

- CSV and MAT89600 files with data for multiple channels are not imported correctly.
- Sometimes the Soft Front Panel was not displayed after an instrument was selected and the Splash Screen was closed, even though the process AgM8195SFP.exe was visible in the Task Manger.

Version 1.2.0.0 Information

Released Date:	05 February 2015
Operating System:	<ul style="list-style-type: none"> • Windows 8.1 (32 bit or 64 bit)

	<ul style="list-style-type: none"> • Windows 8 (32 bit or 64 bit) • Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0
File Name:	M8195_Setup.exe

New Functionality

- Serial data waveform generation (NRZ, RZ, and PAM) including built-in and user-defined amplitude and phase corrections.

Version 1.1.0.0 Information

Released Date:	03 November 2014
Operating System:	<ul style="list-style-type: none"> • Windows 8.1 (32 bit or 64 bit) • Windows 8 (32 bit or 64 bit) • Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0
File Name:	M8195_Setup.exe

New Functionality

- Multi-tone waveform generation (equally and arbitrary spaced tones) including notches and user-defined amplitude and phase corrections.
- Complex modulated waveform generation (ASK, PSK, QAM, MSK, APSK, STAR, VSB, FSK, and user-defined modulation schemes) including user-defined amplitude and phase corrections.

Version 1.0.0.0 Information

Released Date:	24 September 2014
Operating System:	<ul style="list-style-type: none"> • Windows 8.1 (32 bit or 64 bit) • Windows 8 (32 bit or 64 bit) • Windows 7 (32 bit or 64 bit)
Hardware Revision:	1.0
File Name:	M8195_Setup.exe

Initial Release

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