

Revision History

Date	Version	Revision
1/16/2016	2.01.01.17R5 NOTE: After being updated to this release, the generator cannot be backward to previous releases any more	<ol style="list-style-type: none"> 1. Added statistic function in counter mode 2. Supported using method 2 from our "generating multiphase waveforms" application note to synchronize 2 units of SDG2000X 3. Fixed some bugs <ol style="list-style-type: none"> a) A bug in file system could cause the generator never startup b) DHCP does not run at power up c) Channel lock phase can be wrong in modulation sometimes d) Error in calculation of frequency deviation in counter mode e) Instrument does not allow CH1 and CH2 to both use the external input for the modulation source simultaneously in tracking mode f) Downward compatibility of .xml state file g) Unable to delete files with uncommon character(s) in their names
11/30/2015	2.01.01.16R2	<ol style="list-style-type: none"> 1. Added phase deviation option in channel tracking mode 2. Optimized the User Interface, including save/recall, arb, etc. 3. Supported long pressing the Output key to switch the load between 50ohm and HiZ 4. Supported to autosave the imported binary file (*.bin). 5. Fixed some bugs <ol style="list-style-type: none"> a) Unexpected change on Phase difference between channels in sweep mode when switching the style between linear and log b) Channels not aligned when the frequency of one channel is integral multiple of another c) Wrong sweep profile when using manual trigger d) Unexpected reset on output when setting illegal parameters e) Unstable waveform at the beginning of after enabling the output f) Display error when switching between TrueArb and DDS in Arb mode g) Frequency deviation display problem in Counter mode h) Wrong project name in system information i) When pressing the waveform button, the parameter button flashes j) Unable to set variable load value without touch screen k) Unexpected digit jumping when setting parameters with the knob l) Set CH2 to invert and then do a system -> default, the option will return to "normal", but the signal will stay inverted.
9/30/2015	2.01.01.15R2	<ol style="list-style-type: none"> 1. Supported adjustable noise bandwidth

Date	Version	Revision
		<ol style="list-style-type: none">2. Supported harmonic3. Added some built-in arbs, so the number of arb types increased to 1964. Fixed some bugs
8/27/2015	2.01.01.12R1	The first formal release

Compatibility between Versions

Source Version	Object Version	Compatibility
2.01.01.16R2	2.01.01.17R5	
2.01.01.15R2	2.01.01. 17R5	Please update to 2.01.01.17R5 at first
2.01.01.12R1	2.01.01. 17R5	Please update to 2.01.01.17R5 at first

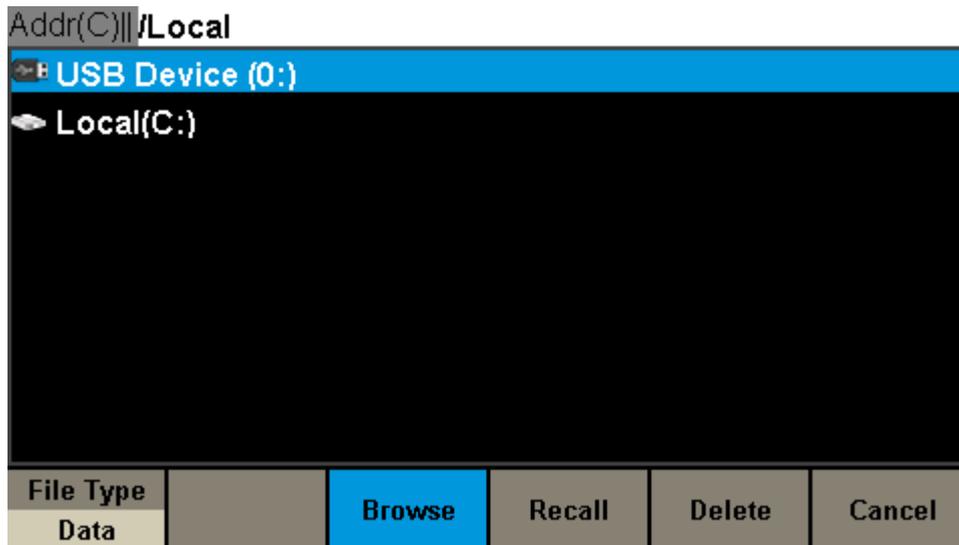
Update Instructions

WARNING: DO NOT shut off the instrument until the update is completed.

1. Copy the update file (*.ads) to a FLASH type U-disk, and then connect the U-disk to the USB host port of the instrument.



2. Press the **Utility** key on the front panel, and then softkey “System ->Page 1/2 -> Firmware Update”, to enter the interface of the file browser.



3. Select “ USB Device” thru the knob on the front panel, press “Browse”, and then select the correct ads file using the knob



4. Press "Recall" to start the update. A progress bar is displayed during the update. After the update is completed, the generator will restart automatically.

WARNING: DO NOT shut off the instrument until the update is completed.