



## DSA Series Firmware Upgrade Procedure

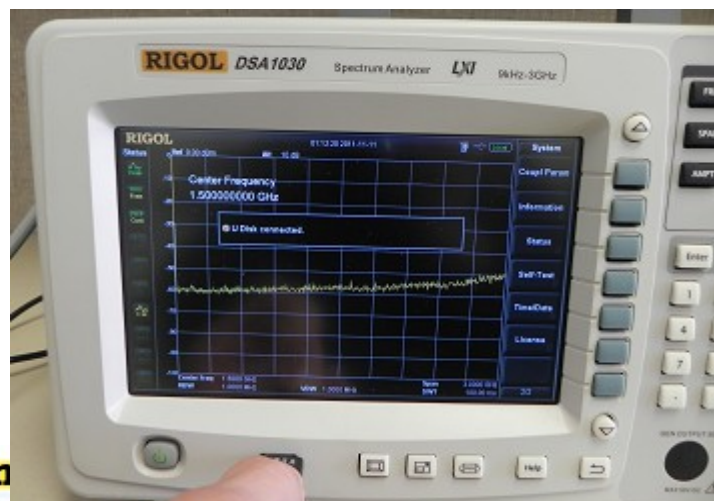
Date:07/29/2013

*Solution:* To upgrade the DSA series of Digital Spectrum Analyzers, follow these steps:

1. Download the proper firmware file and transfer to the root directory of a USB memory stick. Valid firmware for the DSA series have the \*.SYS file extension.

NOTE: If the file you received has “.RENAME” as the file extension, you can right-click on the file name and rename the file extension “.SYS”.

2. Plug the instrument in to an uninterruptible power supply and turn the instrument on.
3. Insert USB memory stick into front panel USB connection.





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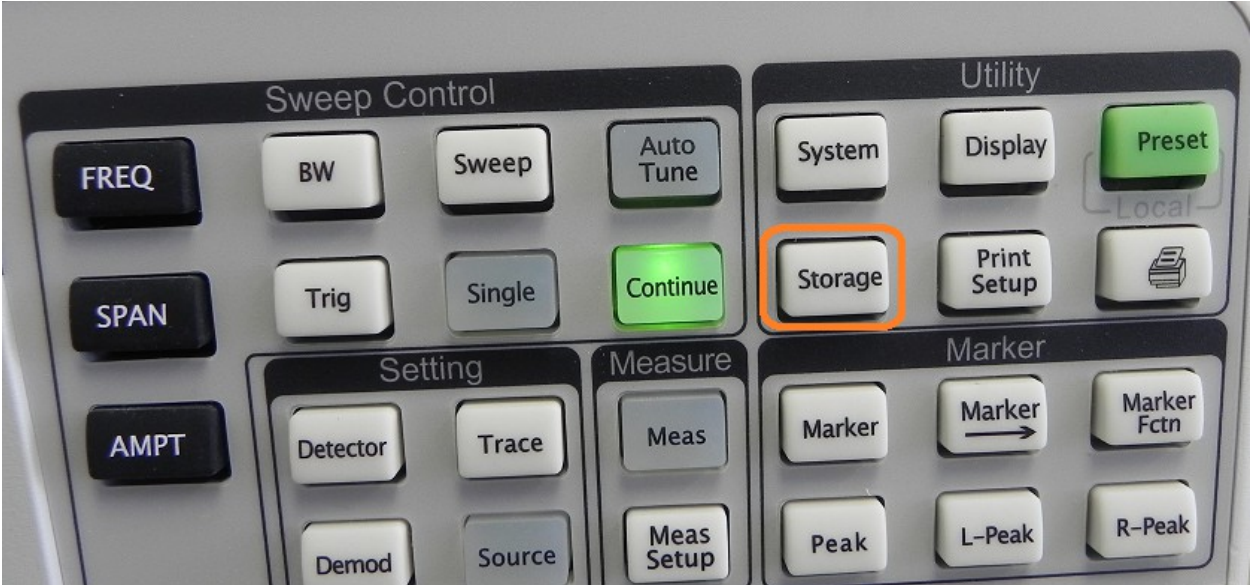
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4. Press Storage key on the front panel. This will bring up the Storage screen.





5. To navigate the Storage menu, you can use the Up and Down arrows to the right of the display.
6. Use the Browser key to highlight DIR (Directory) and select the USB (D:) drive.
7. Use the Browser key to highlight the FILE structure in the USB (D:) drive as below...



- Use the the scroll wheel or Up/Down arrows to highlight the firmware update. Recall from earlier, DSA firmware upgrades are denoted by the \*.SYS file extension.





9. Press the down arrow to the right of the display to advance the Storage Menu to page 3/3.



10. Select Sys Update. It can take up to 5 minutes to complete the upgrade.



11. Press Browser button to highlight files in the Mobile Disk directory. Now, use the down arrow (mV) to select the \*LDR file of interest.



12. Using the “right arrow key”, move to the next Browser menu.  
13. Select Update. This may take up to 5 minutes.

**WARNING!** Don't power cycle or disturb the instrument until the upgrade is complete.. as the instrument can be damaged.

14. Power cycle the instrument to complete the upgrade procedure.