

Instrument Firmware Release Notes

Models

DG1022, DG1022A

Version Information

Released version: 00.03.00.00.01

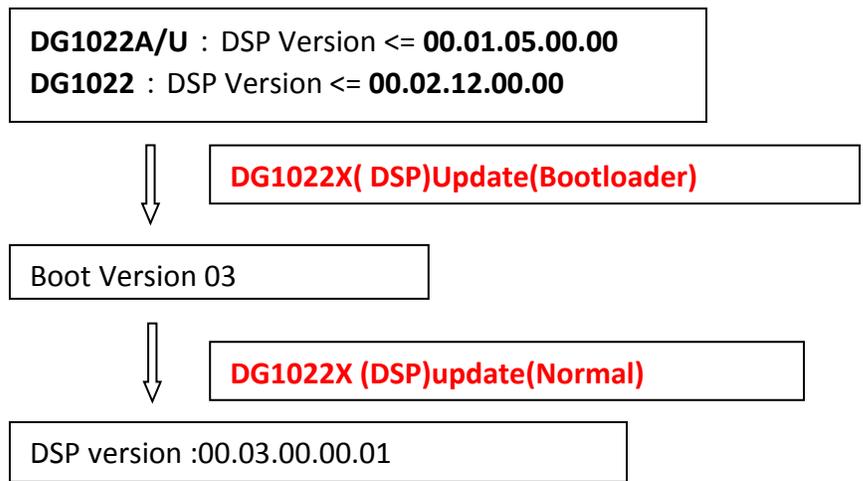
Release Date: 12/11/2014

Compatibility

Compatible with earlier versions of the hardware versions ≥ 03 .

If hardware is < 03 , you **cannot** upgrade using this firmware and any attempt could permanently damage the instrument. Any attempt to do so will void the warranty. Contact your local Rigol office if you have hardware < 03 .

If the current boot version is < 03 , you will need to update the bootloader first.



Change Log History

Key:

- E – Enhancements. Changes that add functionality
- M – Modifications. Changes to improve performance on existing features
- C – Cancellation. Removal of function or capability

*Note: Engineering change log is translated from engineering documentation

| Version : 00.03.00.00.01 | | Date : 2014-12-11 |
|---------------------------------|--|--------------------------|
| 1 | Add the function that support to lock keyboard through the special file in USB disk, which also support to process the SCPI command that is in USB disk. | E |
| 2 | Fixed the bug which can result in the device's screen to be white and can not work anymore. | M |
| 3 | Fixed the bug which can result in the device's screen to be black when calibrating manually. | M |
| 4 | Cooperate with the FPGA version 00.13 to set the idle level to zero when DDS is off. | M |
| 5 | Add the SCPI command that can be used to query the state of clock source. | E |
| 6 | Modify the built-in cardiac waveform to fixed the problem which result in the lack of amplitude. | M |
| 7 | Combine the version of DG1022,DG1022A and DG1022U, this version can be used to update all these three models. | E |

| Version : 00.01.04.00.01 | | Date : 2014-07-14 |
|--------------------------|---|-------------------|
| 1 | Fixed the bug: the output signal of two piece of dg1022 can not be synchronized when they work in external clock mode. | M |
| 2 | Fixed the bug: Set the dg1022 to work in external clock mode, the dg1022 can display "Overload protect, output off!" while reboot the dg1022 with last setting, and set ch1 on. | M |
| 3 | Fixed the bug : display is error when setting the dg1022 to display ch2 in single channel picture mode, and the current waveform of ch2 is arbitrary waveform. | M |
| | Fixed the bug: the output waveform is wrong when setting dg1022 worked in am mode, and the modulation shape is choose as volatile arbitrary waveform. | M |
| | This version compatible the old fpga version 00.09 and the newest fpga version 00.11. | E |
| | Fixed the bug: the output will be stopped when the dg1022 have been working a long time(usually working 2 days continuously). | M |
| | Enhance the stability of DG1022: modify the code about enable or disable interrupt. | E |
| | Integrate the code of dg1022 to dg1022A and DG1022U, now there is just the calibration value is different as dg1022 in this version. | M |

End of Change Log History

For more information in North America, please go to rigolna.com, contact us directly at techsupport@rigol.com or call us toll free at **877-4-RIGOL-1**.

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