# Instrument Firmware Release Notes

## Models

DP832, DP811A, DP821A, DP831A, DP832A

## Version Information

Released version: 00.01.13.00.01
Release Date: 1/1/2015

## Compatibility

Compatible with earlier versions of the hardware

## Change Log

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 : 00.01.13.00.01 | | Date : 2014-12-16 |
|---|---|---|
| 1. | Change the USB Device library to fix the bug that USB Device Communication unstable. | M |
| 2. | Change the LXI and SCPI library, add the multi-interface communication function, and improve the communication speed. | E |
| 3. | Add the Russian menu. | E |
| 4. | Add the keyboard lock function. | E |
| 5. | Optimize the timing accuracy of the Timer, the Delayer and the Recorder. | M |

| Version : 00.01.11.00.00 | | Date : 2014-7-8 |
|---|---|---|
| 1. | Add the traditional language menu. | E |

| | | |
|---|---|---|
| 2. | Expand the point of recorder to 614400. | M |
| 3. | The display mode will not be changed by setting preset. | M |

| Version：00.01.10.00.03 | | Date：2014-5-09 | |
|---|---|---|---|
| 1 | Fixed the bug of the display of high resolution option. | | M |
| 2 | Add internal ovp/ocp function. | | E |

| Version：00.01.09.00.01 | | Date：2014-01-16 | |
|---|---|---|---|
| 6. | The version supports multi-country language menu. | | E |
| 7. | Optimize the trigger function. | | M |
| 8. | Add the classic display interface to DP831A and DP832A, the interface just like the GUI of DP832. You can switch the display mode by "display" key in front panel. | | E |
| 9. | Add new SCPI command which is compatible with DP1000. | | E |
| 10. | Adjust the position of "ADC Cal" menu. | | M |
| 11. | It will prompt the warn message while the setting of voltage is bigger than 42V. | | E |
| 12. | Change the LAN library. | | M |
| 13. | Fix the bug about manual calibration. | | M |
| 14. | Modify the format of upgrade file, it requests to upgrade the bootloader simultaneously, otherwise, it will not boot. | | M |

| Version：00.01.08.00.02 | | Date：2013-11-06 | |
|---|---|---|---|
| 1. | This version has enhanced the SCPI command to compliant Agilent's power supply and Rigol's DP1000. | | E |
| 2. | This version has improved the algorithm of ADC offset calibration-self. | | M |
| 3. | This version has improved the method of using calibration factor. | | M |
| 4. | This version has fixed the bug that can result in losing MAC address when upgrade from old version. | | M |
| 5. | This version supports internal otp function, this function will work when user turn off the OTP function. | | E |

| Version ： 00.01.06.00.00 | | Date ： 2013-07-24 |
|---|---|---|
| 1. | Add the function: ADC offset self-calibrate. | E |

| Version ： 00.01.05.00.00 | | Date ： 2013-06-27 |
|---|---|---|
| 1. | Fixed the bug: the communication between digital board and analog board was unstable. | M |
| 2. | Add the function: double back up of calibration factor. | E |
| 3. | | |
| 4. | | |
| 5. | | |

| Version ： 00.01.04.00.02 | | Date ： 2013-05-23 |
|---|---|---|
| 6. | Add the function to get temperature in DP821A and DP811A. | E |
| 7. | Modified the threshold of OTP. | M |

| Version ： 00.01.03.00.02 | | Date ： 2013-03-18 |
|---|---|---|
| 1. | Fixed the bug which might result in disable of "ALL ON/OFF" key when in remote mode. | M |
| 2. | This version has changed the way of store IP address. | M |
| 3. | This version includes newest LXI library, which supports socket. | E |

| Version ： 00.01.02.00.03 | | Date ： 2013-01-31 |
|---|---|---|
| 1. | This version is used to Improve the scpi. | E |

| Version：00.01.01.02.04 | | Date：2012-12-13 |
|---|---|---|
| 1. | Add the function which support user to customize the welcome window , the bootloader with 01.05 is required. | E |

## 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.**

**Rigol Technologies USA**
10200 SW Allen Blvd, Suite C
Beaverton, OR 97005
877.474.4651

For more information in Europe, please go to **rigol.eu,** contact us directly at *applications-europe@rigoltech.com* or call us **+49 89 89 41 895-0.**

**Rigol Technologies EU GmbH**
Lindberghstr. 4
82178 Puchheim, Germany
+49 89 89 41 895 - 0

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