R&S®NGP800 Power Supply Series
Release Notes
Firmware Version 02.011

The software makes use of several valuable open source software packages. For information, see the "Open Source Acknowledgment" provided with the product.

The following abbreviations are used throughout this document: R&S® NGP800 Power Supply Series is abbreviated as R&S NGP800 Power Supply Series.

Contents

1 Information on the Current Version and History

1.1 Version

Firmware package contents

Version	Contents
02.011	NGP8xx_02_011.rsu firmware update file

New Functionality

Version	Functions
02.006	First Release for end customer
02.011	Graphical View Channel list parameter for SCPI commands Arb Trigger conditions "Arb Step Point" and "Arb Step Group" SCPI command to access Log data SCPI command to change USB class SCPI command to clear Arb sequence

Modified Functionality

Version	Functions
02.006	None
02.011	None

Improvements

Version	Improvements
02.006	None
02.011	Improved GUI Improved boot up time Improved Arb Editor Improved stability of Arb processing Improved Ramp time for some conditions Improved stability of Statistics Improved OCP delay for some conditions Improved OVP for some conditions Improved user notification for Safety Limit Improved Output behavior for some conditions Corrected visualization of option keys Corrected persistence behavior of GPIB address Corrected persistence behavior of Digital I/O Trigger Added icon for Analog Input

Known Issues

Version	Known-Issues
02.006	None
02.011	None

2 Modifications to the Documentation

The latest documentation can be downloaded from the R&S NGP800 Power Supply Series product web page under: https://www.rohde-schwarz.com/product/ngp800.

3 Firmware Update

3.1 Validity Information

Firmware updates for the R&S NGx8xx are available as download from the Rohde & Schwarz web page http://www.rohde-schwarz.com.

The installation file R&S NGx8xx is named NGP8xx_02_006.rsu.

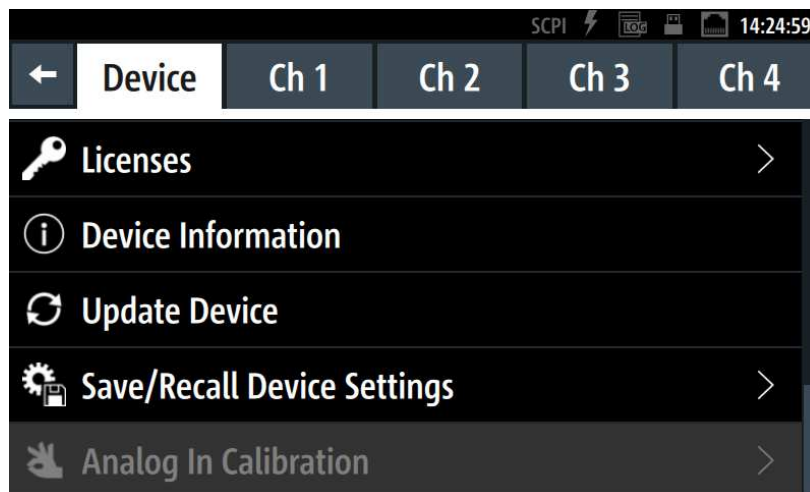The installation file is valid for the following instruments:

NGP802

NGP822

NGP804

NGP814

NGP824

3.2 Updating the Firmware

Before updating the firmware, download the firmware to the USB stick.

- Insert the USB stick at the front USB port of the instrument

- Go to the device settings menu

- Select the "Update Device" in the menu

- Select the *.rsu file for the update

Do NOT operate the instrument while firmware is updating.

4 Recommendations on Secure Operation

The R&S NGP800 is designed to operate at local workplaces or in secured networks (LAN). It should not be accessible from the internet, because this is a potential security risk. As an example, attackers could misuse or damage your device.

Please always install the latest firmware.

It is highly recommended that you work closely with your IT department or system administrator to ensure compliance with your company policies when connecting devices to your company's network.

5 Customer Support

Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz equipment, contact one of our Customer Support Centers. A team of highly qualified engineers will provide telephone support and will work with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz equipment.

Up-to-date information and upgrades

To keep your instrument up-to-date and to be informed about new application notes related to your instrument, please send an e-mail to the Customer Support Center stating your instrument and your wish. We will take care that you will get the right information.

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