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1 Information on the current version and history

1.1 Version 02.025

Version	Contents
02.025	<ul style="list-style-type: none"> Changed Remote Sense AUTO mode to INT mode* Added SCPI command to query Remote Sense tripped status Added SCPI command to clear Remote Sense tripped status Added SCPI Status Register bit for Remote Sense tripped status Added status bar icons for VNC and FTP Improved Remote Sense behavior for specific conditions Improved output behavior for specific conditions Improved OCP/OVP behavior for specific conditions Improved usability for Graphical View Improved standby mode handling for specific conditions Corrected current setting behavior for specific conditions

* INT mode is selected by default. In order to use remote sensing, explicit setting of EXT mode via GUI or SCPI is required.

1.2 Version 02.020

Version	Contents
02.020	<ul style="list-style-type: none"> Added remote access via FTP Enabled device unlock from remote state using [*] key Improved GUI appearance Corrected persistence behavior of Tracking Improved usability for VNC Improved usability for ARB Improved usability for ARB Editor Improved LCD display quality for specific conditions Improved output current accuracy for specific conditions Improved fan control Improved SCPI measurement response Improved ARB control via SCPI for specific conditions Improved output behavior for Tracking and Ramp under specific conditions

1.3 Version 02.015

Version	Contents
02.015	<ul style="list-style-type: none"> High Impedance Mode during normal turn-off Slew Rate control Output Beep control VNC SCPI command to read continuous readback measurements of channel Improved GUI notification for Remote Sensing error events Improved current accuracy when Remote Sensing is active Improved usability for SCPI STATus commands Improved usability for Ethernet IP setting GUI Improved load behavior when output is off Improved load behavior during ARB execution with interpolation Improved voltage control on up-programming and down-programming Improved Overcurrent Protection for specific conditions Improved Logging timestamp accuracy for specific conditions Improved scaling on Graphical View screen Corrected Fuse Link configuration on 2-channel variants

1.4 Version 02.011

Version	Contents
02.011	<ul style="list-style-type: none"> 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 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

1.5 Version 02.006

Version	Contents
02.006	First Release for end customer

2 Modifications to the documentation

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

3 Firmware update

The latest firmware file is available for download from the product web page:

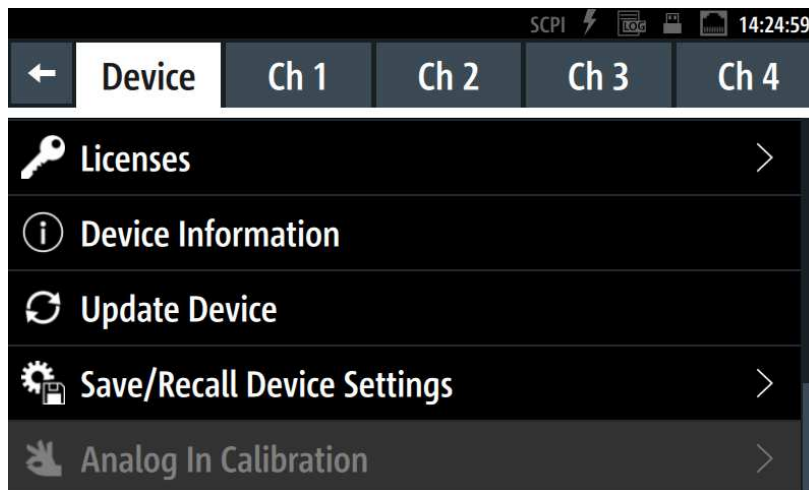
<http://www.rohde-schwarz.com/product/ngp800>.

3.1 Validity information

Here are the material and model numbers the firmware is referring to:

Device	Order Number
R&S NGP802	5601.4007.05
R&S NGP822	5601.4007.06
R&S NGP804	5601.4007.02
R&S NGP824	5601.4007.03
R&S NGP814	5601.4007.04

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.

3.3 General Notes

The firmware update process takes 2 - 3 minutes to complete.

If update process completes successfully, the instrument will show green message.
Power cycle the instrument to start using the new firmware.

In case update process fails, power cycle the instrument and try to update again.

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 product, contact our customer support center. A team of highly qualified engineers provides support and works with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz products.

Contact information

Contact our customer support center at www.rohde-schwarz.com/support or follow this QR code:



Figure 5-1: QR code to the Rohde & Schwarz support page