RIGOL

RSA800 Series

Real-Time Spectrum Analyzer

Quick Guide

May. 2026

Guaranty and Declaration

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Contact Us

If you have any problem or requirement when using our products or this manual, please contact RIGOL.

E-mail: service@rigol.com

Website: http://www.rigol.com

Contents

1. Document Overview

This manual gives you a quick review about the front and rear panel of RSA800 series, the user interface, and its basic operation method.

Tip

For the latest version of this manual, download it from the official website of RIGOL (http://www.rigol.com).

Publication Number

QGD36100-1110

Software Version

Software upgrade might change or add product features. Please acquire the latest version of the manual from RIGOL website or contact RIGOL to upgrade the software.

Format Conventions in this Manual

1. Key
   The front panel key is denoted by the format of "Key Character (Bold) + Text Box". For example, System indicates the "System" key on the front panel.
2. Menu
   The menu item is denoted by the format of "Menu Name (Bold) + Character Shading". For example, Freq indicates clicking or tapping the "Freq" option on the current operation interface to enter the Freq configuration menu.
3. Operation Procedures
   The next step of the operation is denoted by "->" in the manual. For example, Freq -> Center Freq indicates that first click or tap Freq, then click or tap Center Freq.

Content Conventions in this Manual

The RSA800 series spectrum analyzer includes the following models. Unless otherwise specified, this manual takes RSA814 as an example to illustrate the functions and operation methods of the RSA800 series.

Model	Frequency	RF Input Port	TG Output Port
RSA804	5 kHz ~ 4.5 GHz	1, Type-N (F)	1, Type-N (F)
RSA808	5 kHz ~ 8.5 GHz	1, Type-N (F)	1, Type-N (F)
RSA814	5 kHz ~ 14 GHz	1, Type-N (F)	1, Type-N (F)

2. Safety Requirements

2.1 General Safety Summary

Please review the following safety precautions carefully before putting the instrument into operation so as to avoid any personal injury or damage to the instrument and any product connected to it. To prevent potential hazards, please follow the instructions specified in this manual to use the instrument properly.

1. Only the exclusive power cord designed for the instrument and authorized for use within the local country could be used.
2. Ensure that the instrument is safely grounded.
3. Observe all terminal ratings.
4. Use proper overvoltage protection.
5. Do not operate without covers.
6. Do not insert objects into the air outlet.
7. Use the proper fuse.
8. Avoid circuit or wire exposure.
9. Do not operate the instrument with suspected failures.
10. Provide adequate ventilation.
11. Do not operate in wet conditions.
12. Do not operate in an explosive atmosphere.
13. Keep instrument surfaces clean and dry.
14. Prevent electrostatic impact.
15. Handle with caution.

WARNING
Equipment meeting Class A requirements may not provide adequate protection for broadcast services in residential environments.

2.2 Safety Terms and Symbols

Safety Notices in this Manual:

WARNING
Indicates a potentially hazardous situation or practice which, if not avoided, will result in serious injury or death.

CAUTION
Indicates a potentially hazardous situation or practice which, if not avoided, could result in damage to the product or loss of important data.

Safety Notices on the Product:

- **DANGER**

It calls attention to an operation, if not correctly performed, could result in injury or hazard immediately.

- **WARNING**

It calls attention to an operation, if not correctly performed, could result in potential injury or hazard.

- **CAUTION**

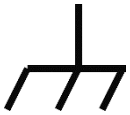
It calls attention to an operation, if not correctly performed, could result in damage to the product or other devices connected to the product.

Safety Symbols on the Product:

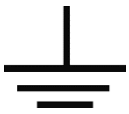
Hazardous Voltage

Safety Warning

Protective Earth Terminal



Chassis Ground



Test Ground

2.3 EMC Level

Class A (for non-domestic products)

CAUTION:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. Operation in a residential area is likely to cause harmful interference, in which case the user must correct the interference at the user's own expense.

2.4 Ventilation Requirements

This instrument uses a fan to force cooling. Please make sure that the air inlet and outlet areas are free from obstructions and have free air. When using the instrument in a bench-top or rack setting, provide at least 10 cm clearance beside, above and behind the instrument for adequate ventilation.

CAUTION

Inadequate ventilation may cause an increase of temperature in the instrument, which would cause damage to the instrument. So please keep the instrument well ventilated and inspect the air outlet and the fan regularly.

2.5 Working Environment

Temperature

Operating: 0°C to +40°C

Non-operating: -20°C to +60°C

Humidity

- Operating:

  Below +30℃: ≤95% RH (without condensation)

  +30℃ to +40℃: ≤75% RH (without condensation)

  +40℃ to +50℃: ≤45% RH (without condensation)

- Non-operating:

  Below +40℃: 5%~ 90% (without condensation)

  ≥+40℃ to < +60℃: 5%~ 90% (without condensation)

WARNING

To avoid short circuits inside the instrument or electric shock hazards, do not operate the instrument in a humid environment.

Altitude

Operating: below 3 km

ESD Immunity

• Contact discharge: ±4 kV

• Air discharge: ±8 kV

Installation (Overvoltage) Category

This product is powered by a mains supply that conforms to Installation (Overvoltage) Category II.

WARNING
Ensure that no overvoltage (such as that caused by lightning) reaches this product. Otherwise, operators may be exposed to electric shock hazards.

Installation (Overvoltage) Category Definitions

Installation (Overvoltage) Category I refers to signal levels and applies to measurement terminals of equipment connected to source circuits where measures have been taken to limit transient voltages to appropriately low levels.

Installation (Overvoltage) Category II refers to local distribution levels and applies to equipment connected to the mains (AC power).

Pollution Degree

Pollution Degree 2

Pollution Degree Definitions

- Pollution Degree 1: No pollution, or only dry non-conductive pollution occurs. This pollution degree has no effect. For example: a clean room or an air-conditioned office environment.
- Pollution Degree 2: Generally only dry non-conductive pollution occurs. Temporary conductivity caused by condensation may occur occasionally. For example: a general indoor environment.
- Pollution Degree 3: Conductive pollution occurs, or dry non-conductive pollution becomes conductive due to condensation. For example: a sheltered outdoor environment.
- Pollution Degree 4: Permanent conductive pollution is produced by conductive dust, rain, or snow. For example: outdoor areas.

Safety Class

Class III product

2.6 Care and Cleaning

Care

Do not place the instrument in a location exposed to direct sunlight for a long period of time.

Cleaning

Clean the instrument regularly according to usage. The cleaning procedure is as follows:

1. Disconnect the instrument from all power sources.
2. Clean the external surfaces of the instrument with a soft cloth dampened with mild detergent or water. Avoid having any water or other objects into the chassis via the heat dissipation hole. When cleaning the LCD, take care to avoid scratching it.

CAUTION
To avoid damage to the instrument, do not expose it to caustic liquids.

WARNING
To avoid short-circuit resulting from moisture or personal injuries, ensure that the instrument is completely dry before connecting it to the power supply.

2.7 Environmental Considerations

The following symbol indicates that this product complies with the requirements of WEEE Directive 212/19/EU.

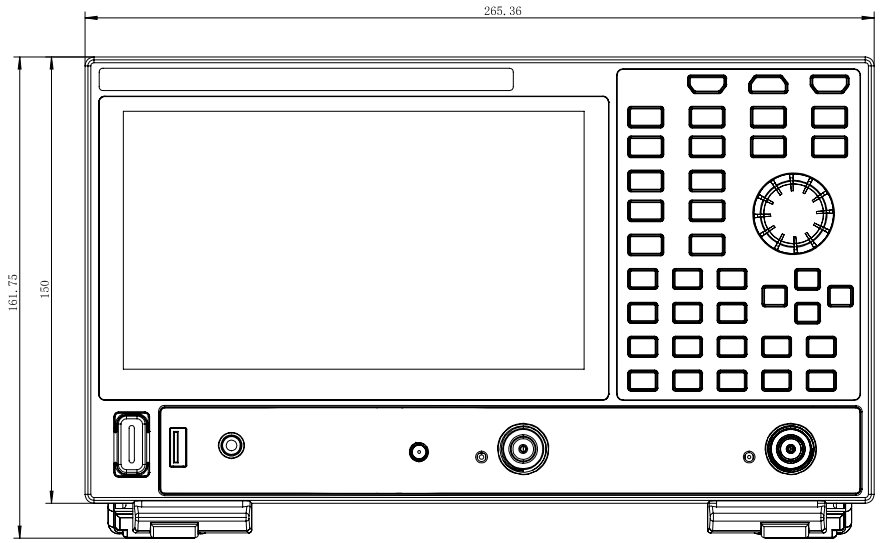
The equipment may contain substances that could be harmful to the environment or human health. To avoid the release of such substances into the environment and avoid harm to human health, we recommend you to recycle this product appropriately to ensure that most materials are reused or recycled properly. Please contact your local authorities for disposal or recycling information.

You can click on the following link *https://www.rigol.com/intl/services/environmental-protection-statement.html* to download the latest version of the RoHS&WEEE certification file.

3. Product Overview

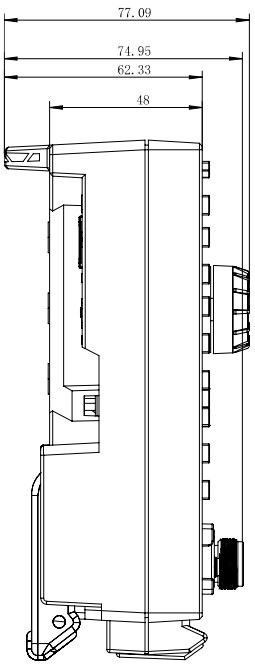
RSA800 series is RIGOL's newly launched spectrum analyzer product. Its excellent performance in SFDR, phase noise, amplitude accuracy and test speed makes it applicable in various test scenarios such as spectrum analysis, real-time spectrum analysis, vector signal analysis, pulse analysis. RSA800 series real-time spectrum analyzer has a strong expansion capability, allowing you to build the test system or perform user-defined development via various digital and analog output interfaces. With its excellent performance and flexible configuration, it can meet your test demands in various application scenarios such as wireless communication, automobile electronics, Internet of Things (IoT), and etc.

3.1 Appearance and Dimensions



Unit: mm

Figure 3.1 Front View of RSA800 Series



Unit: mm

Figure 3.2 Side View of RSA800 Series

3.2 Front Panel

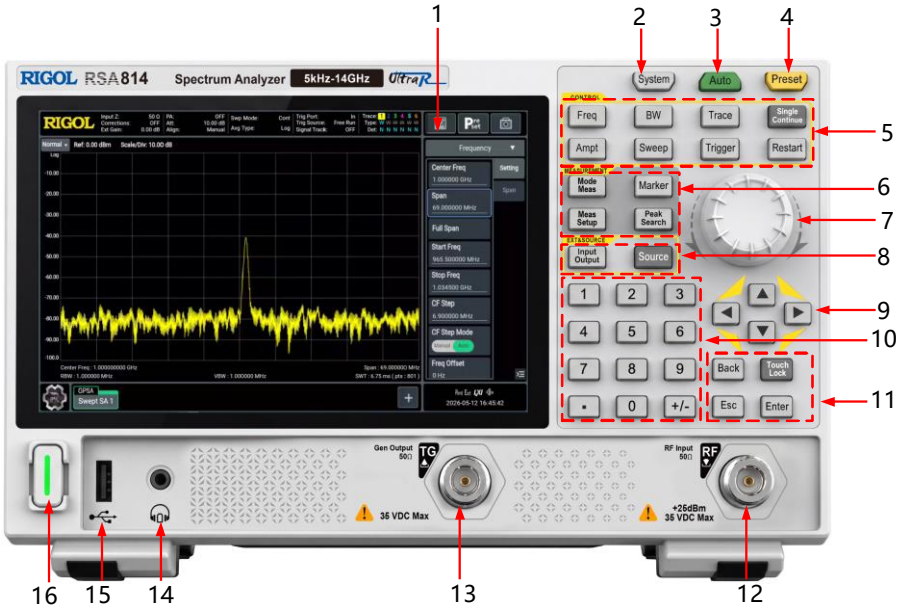


Figure 3.3 Front Panel of RSA800 Series

1. Screen

7-inch capacitive touch screen with a display resolution of 124 x 6 and gesture support

2. System Key

Shortcut to enter the System menu to set the instrument IP address, system display date, language, buzzer on/off, self-test, and more

3. Auto Key

Auto setup shortcut that automatically locates signals across the full frequency band.

4. Preset Key

Preset shortcut that restores the system preset settings

5. Control Keys

- Freq: Set center frequency, start frequency, stop frequency, span, and related parameters. Also used to enable signal tracking.
- BW: Set resolution bandwidth (RBW) and video bandwidth (VBW) parameters
- Trace: Set trace-related parameters
- Single/Continue: Shortcut to set the sweep mode to single or continuous
- Ampt: Set reference level, RF attenuator, scale, Y-axis unit, and related parameters. Also used to enable the preamplifier
- Sweep: Set sweep parameters
- Trigger: Set the trigger source and related parameters
- Restart: Shortcut to restart the sweep

6. Measurement Keys

- Mode/Meas: Select the spectrum analyzer operating mode and control measurement functions.
- Marker: Read amplitude, frequency, and other values at points on the trace.
- Meas Setup: Set parameters for the selected measurement function.
- Peak Search: Open the peak search setup menu and perform peak search.

7. Knob

When a parameter is editable, rotate the knob to increase (clockwise) or decrease (counterclockwise) the parameter in the specified step size

8. EXT&Source Keys

- Input/Output: Set input impedance, external gain, trigger output interface, and related parameters. Also used to select the RF calibration signal.
- TG: Set tracking generator parameters.

9. Arrow Keys

When a parameter is editable, the direction keys increment or decrement the parameter value in defined steps. The up/down keys and left/right keys use different step sizes

1. Numeric Keypad

- -9: Select the value for the measurement setting, then press Enter to complete the selection
- Decimal point: Enter a decimal point to specify the fractional part of an integer
- +/-: Enter the sign of the value ("+" or "-"). Press this key once to set the parameter sign to "-"; press again to switch the sign to "+"

11. Auxiliary Keys

- Esc: Exit the current input state or exit remote control
- Back: Backspace key; press this key to delete the character to the left of the cursor
- Enter: During parameter entry, press this key to finish parameter input and add the default unit
- Touch Lock: Lock the instrument touch screen

12. RF Input (RF Input 5 Ω)

Input for the signal under test. [RF Input 5 Ω] can be connected to the device under test through a cable with a Type-N (F) connector.

13. TG Output Connector

The tracking generator output can be connected to the receiving device through a cable with a Type-N (F) connector.

14. Headphone Jack

15. USB HOST Interface

The spectrum analyzer can act as a "host" and connect to external USB devices. This interface supports USB flash drives, a mouse, and a keyboard

16. Power Key

Used to power the instrument on and off. Normal power-on status is steady green

3.3 Rear Panel

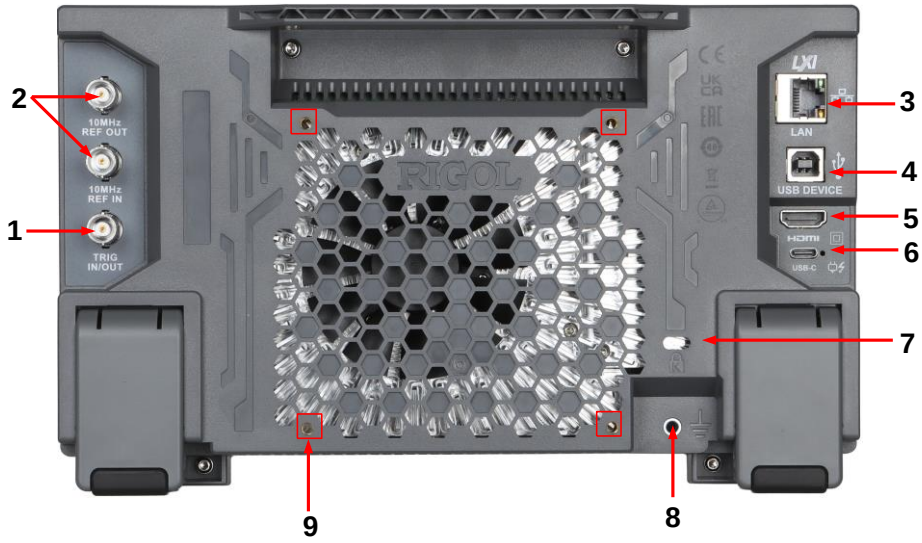


Figure 3.4 Rear Panel of RSA800 Series

1. TRIG IN/OUT

BNC connector used to input or output external trigger signals.

2. 10 MHz REF IN/OUT

BNC connector that can output the 10 MHz clock signal generated by the internal crystal oscillator, or input an external reference clock signal.

3. LAN

Connect the instrument to the network through this interface. This instrument conforms to the LXI CORE 2011 DEVICE class standard for rapid test system setup. When connected to the network, you can control the instrument by sending SCPI commands through Web Control.

4. USB DEVICE

Connect the instrument to a computer through this interface.

5. HDMI

Connect the instrument to an external display with an HDMI interface (such as a monitor or projector) through this interface for a clearer waveform display. The instrument display remains active.

6. Type-C Power Interface

The supported power specification of this instrument is DC, 20 V, 5 A. Use the power adapter supplied in the accessories to connect the instrument to AC power (100~240 V, 50~60 Hz).

7. Security Lock Slot

Use a standard PC/laptop security lock cable to secure the instrument to a bench or other location.

8. Ground Terminal

Connect the chassis to earth ground with a wire.

9. Mounting Screw Holes (VESA 100×100)

Hole spacing is 100 mm×100 mm. Use screws to mount the instrument to a bracket with the same hole spacing.

3.4 User Interface

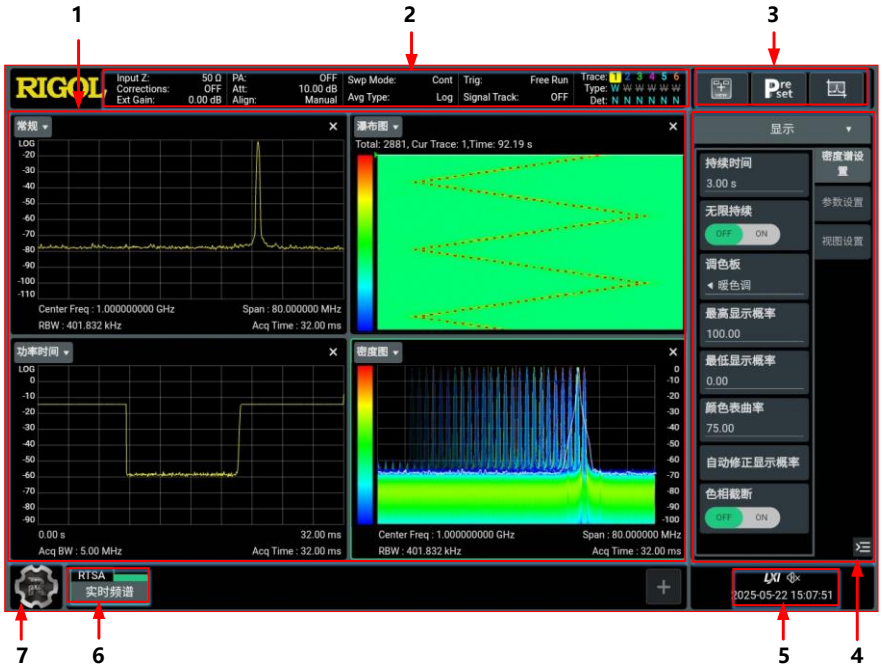


Figure 3.5 User Interface

No.	Name	Description
1	Multi-pane Windowing Display Area	If you enable multiple functions, multiple windows can be displayed on the screen at one time.
2	Measurement Item Status Bar	Displays the frequency, amplitude, span, trigger, trace indicator, etc.
3	Quick Operation Menu	Displays the quick operation menu.
4	Menu Control Operation	You can set the various parameters required for the measurement, such as measurement settings, frequency, span, scan, amplitude, bandwidth, trace, cursor, etc.

5	Notification Area	Displays the USB storage device icon, LAN connection icon, sound icon, remote control icon, and system time. You can click or tap this area to enter the System menu.
6	Working Mode	Display, add or delete currently selected working mode. The analyzer provides five modes: GPSA, RTSA, VSA, EMI, and ADM.
7	Function Navigation	Click or tap the Navigation icon to open the function navigation menu. Click or tap the specified menu icon to enter the specified function setting menu.

Note:

[1] : The trace indicator is shown in the following figure.

- The first line displays the trace number. The color of the number is the same as that of the trace.
- The second line displays the trace type, including W (Clear/Write), A (Trace Average), M (Maximum Hold), and m (Minimum Hold). The letters with different colors and in different forms show different meanings:
  - The letter in blue indicates that the trace is updating.
  - The letter in gray indicates that the trace is not updated.
  - The letter with strikethrough and in gray color indicates that the trace will neither be updated nor displayed.
  - The letter with strikethrough and in blue color indicates that the trace is updating but not displayed. It is useful in trace math operation.
- The third line displays the detector type of each trace, including N (Normal, only available in GPSA mode), V (Voltage Average, only available in GPSA mode), P (Positive Peak), p (Negative Peak), S (Sample), R (RMS Average, only available in GPSA mode), Q (Quasi- Peak, only available in GPSA mode), and A (Average, only available in RTSA mode). If it shows "f", it indicates that it is math operation trace. The letter in blue in the third line (detector type) indicates that the detector is in auto state; the letter in white indicates that it is in manual state.

4. Prepare for Use

4.1 To Adjust the Supporting Legs

You can unfold the supporting legs to use them as stands to tilt the instrument upwards for easier operation and observation. You can also fold the supporting legs when the instrument is not in use for easier storage or shipment.

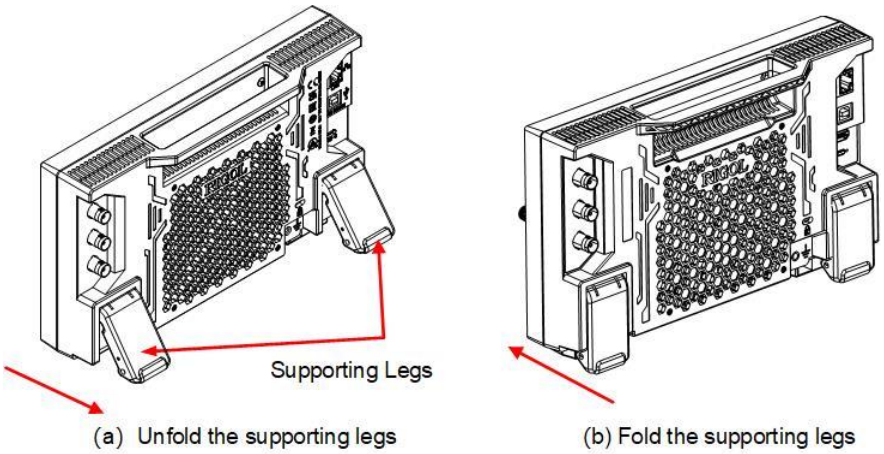


Figure 4.1 Adjust the Support Feet

4.2 Connect the Power Supply

Use the supplied power adapter (PA-1101-66) to connect the instrument to the mains supply. The instrument automatically adapts to the voltage range without manual selection.

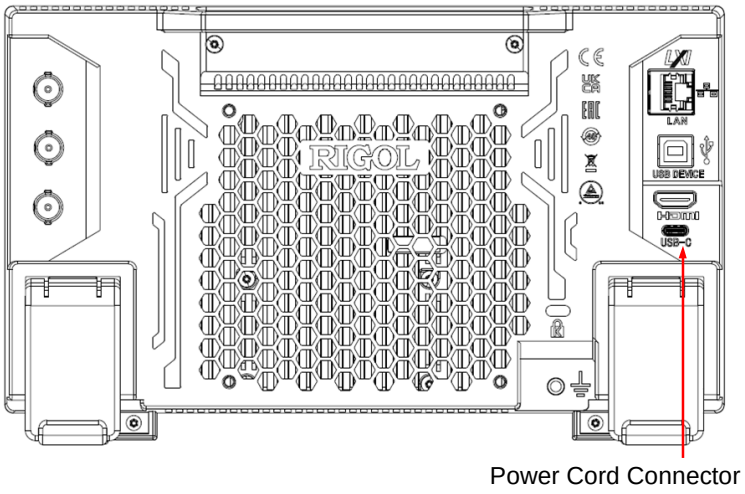


Figure 4.2 Connect the Power Supply

CAUTION
To avoid electric shock, ensure that the instrument is properly grounded.

4.3 Power-on Inspection

Power on:

- After connecting the power supply properly, press the power key at the lower left of the front panel to start the instrument. During power-on, the instrument performs initialization and self-test. The startup screen appears after self-test completes.
- Click or tap the system notification area. In the System menu that appears, set Setup -> Front Power Switch to "On" (default). The instrument powers on automatically when AC power is applied.

Power off:

- Press the power key. In the "Confirm shutdown?" prompt, click or tap OK to shut down the instrument.
- Press the power key twice to shut down the instrument.
- Press and hold the power key for three seconds to shut down the instrument.

4.4 Set the System Language

This product supports multiple system languages. Click or tap the system notification area at the lower right of the screen. In the System menu that appears, select Setup -> Language to set the system language.

5. Basic Operations

This section introduces the basic operations of the instrument.

5.1 Mouse/Keyboard/Touch Screen Operation Rules

Mouse Operation Rules

Connect a mouse to the instrument through the USB HOST interface (only the left mouse button is supported; the scroll wheel and right mouse button are not supported) and perform the following operations:

1、 Click to select menus and windows.

2、 Press and hold the left button to drag displayed data on the grid or windows.

3、 In the Marker function, the mouse only supports moving markers, not adding markers.

Keyboard Operation Rules

Connect a keyboard to the instrument through the USB HOST interface, then use keyboard shortcuts instead of instrument function keys. The relationship between instrument function keys and keyboard shortcuts is shown below:

Instrument Function Key	Keyboard Shortcut [1]
Mode	Alt + o
Meas Setup[2]	Shift + e
Auto	Ctrl + Alt + a
Preset	Ctrl + Alt + p
Freq[2]	Shift + f
AMPT[2]	Shift + a
BW[2]	Shift + b
Trace[2]	Shift + t
Sweep[2]	Shift + w
Input Output[2]	Shift + i
TG[2]	Shift + g
Single/Continue	F11
Marker[2]	Shift + m
Marker To[2]	Shift + k
1 Peak[2]	Shift + p

Marker Func[2]	Shift + u
Trigger[2]	Shift + r
System[2]	Shift +y
Restart	F12
Recall	Ctrl + r
Quick save	Ctrl + Alt + q
Help	Alt + F1
Touch Lock Key	Alt + F3
11 Numeric Keys	Keyboard numeric keys (1, 2, 3, 4, 5, 6, 7, 8, 9, , .)
-	-
Esc	Esc
Back	Backspace
Enter	Enter
Up, Down, Left, and Right Direction Keys	↑, ↓, ←, →

Note:

[1]: Except for the keyboard shortcuts listed in the table above, all other keyboard keys are invalid.

[2]: If Caps Lock is enabled on the external keyboard, it functions the same as pressing Shift. Therefore, for all functions executed by "Shift + letter" shortcuts, when Caps Lock is on, press only the corresponding letter key. For example, to execute the Shift+f shortcut with Caps Lock on, press f.

Touch Screen Operation Rules

The front panel of this instrument is a 7-inch multi-touch screen and supports the following gestures.

Tap gesture: Lightly tap an icon or text on the screen with one finger.

- Tap menus and function keys to configure functions.
- Tap an input box to open the virtual keyboard for parameter entry.
- Tap a window and its tab bar to perform window-related operations.

Drag gesture: Press and hold a target with one finger and drag.

- Change the position of a window or marker.
- Drag slider controls in menus to change function settings.

Pinch gesture: Bring two fingers together or spread them apart.

Zoom in or out on the horizontal X-axis and vertical Y-axis scale of a window.

5.2 Parameter Settings

Enter parameters using the front panel numeric keypad, knob, or direction keys. You can also use the touch screen or an external keyboard or mouse. Parameter settings can be completed in the following ways.

1. Use the front panel numeric keypad:

With an input box selected, complete parameter settings using the front panel numeric keypad.

2. Use the front panel knob

When a parameter is editable, rotate the knob to increase (clockwise) or decrease (counterclockwise) the parameter in the specified step size.

3. Use the front panel direction keys

When a parameter is editable, the direction keys increment or decrement the parameter value in defined steps. Note that the up/down keys and left/right keys use different step sizes.

4. Use the touch screen

Tap the touch screen to select an input box, then complete parameter settings using the virtual keyboard.

5. Use an external keyboard

With an input box selected, complete parameter settings using an external keyboard.

6. Use an external mouse

Use an external mouse to select a parameter input box, then complete parameter settings using the virtual keyboard opened by mouse click.

5.3 To Use the Built-in Help System

The built-in help documentation of this series spectrum analyzer provides help information for instrument functions and menus.

Click or tap the "?" button at the upper right of the screen to open the Help document. Click or tap the link of the corresponding section to obtain the related help information.

5.4 To View the Option and the Option Installation

This series spectrum analyzer provides various options to meet your measurement requirements. To use option functions, first order the corresponding option according to the order number provided in the Data Sheet of this product series, then install it according to this section. You can also view currently installed options and activate newly purchased options.

1. View Installed Options

If options are currently installed on your instrument, perform the following operations to view the option name and details in the option list.

Click or tap the system notification area at the lower right of the screen to open the System menu. Click or tap Option List to view installed options.

2. Install Options

An option license code (License; one per instrument) is fixed-length text. An option license file is a file in a specific format with the ".lic" extension. After successfully purchasing the required option, you receive the corresponding key (used to obtain the option license code). Install options as follows.

a. Obtain the Option License Code

After logging in to the RIGOL official website (http://www.rigol.com), click Service Center > Product License Registration to enter the software license registration page;

On the software license registration page, enter the correct key, instrument serial number (obtain the serial number in the System menu by clicking About This Device), and verification code, then click Generate to obtain the option license file download link.

b. Install Options

Options can be installed by executing SCPI commands. For details, refer to the Programming Guide of this product series. After installation completes, the screen displays the "Option activated successfully" message. After option installation, restart the instrument.

Tip

- During the installation process, you are not allowed to power off the instrument.
- To install the option, send the SCPI command. Installing options by inputting the license code manually is not supported.

5.5 Remote Control

This product supports Web Control remote control. Web Control is a browser-based remote control technology. Without installing additional software, you can remotely access and control a networked instrument from a PC, mobile phone, iPad, or other smart device through a web browser. Follow these steps:

1、 Connect the Instrument to the Network

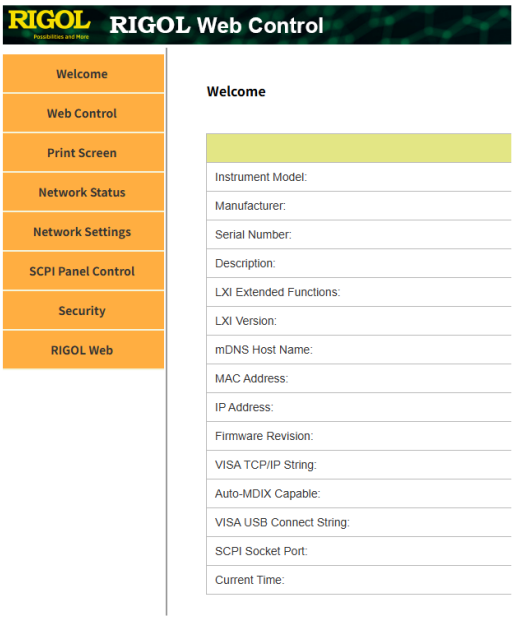
Ensure that the rear-panel LAN interface is connected to the network. Note that the instrument must be connected to the network where the control terminal is located. Then you can operate the instrument in remote way by accessing the network.

2、 Obtain the Instrument IP Address

Enter the System menu, click Interface Settings, and view the instrument IP address.

Enter the instrument IP address in the browser URL bar and press Enter. The web page appears as shown below.

3、Click Web Control on the left to enter the instrument control interface. You can use a mouse to control the instrument remotely in real time, with an effect similar to direct touch operation on the instrument screen.



4、Click Print Screen to take a screenshot (Take Screenshot) or record the screen (Record Screen) of the current interface.

5、Click Network Settings on the left to change the network configuration. Login is required to change network settings. The default Web Control username and password are "admin" and "rigol".

6、SCPI Panel Control allows you to send SCPI commands to the instrument directly through the web interface. Click SCPI Panel Control, enter a command in the SCPI Command box, then click Send & Read to send the command.

You can program and control the instrument using standard SCPI (Standard Commands for Programmable Instruments) commands. For details on commands and programming, refer to the Programming Guide of this product series.

7、Close the browser to exit the instrument remote control interface.

Only one user can log in to remote control using the instrument IP address at a time. Simultaneous multi-user login is not supported. If the connection is interrupted, refresh the browser to reload this page.

CAUTION
Power off the instrument before connecting communication cables to avoid damaging the instrument communication interface.

6. Mode Settings

The RSA800 series provides five operating modes: GPSA, RTSA, ADM (option), EMI (option), and VSA (option). Press the Mode/Meas key on the front panel or click the mode tab at the bottom of the user interface to switch to the measurement menu for selection.

1. GPSA

GPSA adopts two analysis methods: swept SA and FFT. It can not only carry out frequency domain analysis, but also time domain (zero span) analysis.

Select GPSA. In this working mode, you can click or tap to select multiple measurements under Measurement. For details, refer to relevant chapters in RSA800 User Guide.

2. RTSA

RTSA provides the real-time signal analysis function, enabling you to capture the complex signal seamlessly.

Select RTSA. In this working mode, you can click or tap to select multiple measurements under Measurement. For details, refer to relevant chapters in RSA800 User Guide.

3. VSA

VSA mode provides the standard vector signal analysis function. If you need this function, please purchase this option (order No. RSA800-VSA), and install it according to instructions in "To View the Option and the Option Installation".

4. EMI

EMI mode provides the EMI pre-compliance measurement function. If you need this function, please purchase this option (order No. RSA800-EMI), and install it according to instructions in "To View the Option and the Option Installation".

5. ADM

ADM mode provides the analog signal demodulation function. In this mode, you can click or tap to select AM, FM, or PM under Measurement. If you need this function, please purchase this option (order No. RSA800-ADM), and install it according to instructions in "To View the Option and the Option Installation".

7. More Product Information

1. Obtain Device Information

Click Navigation -> System -> About This Spectrum Analyzer to obtain device information, including product model, serial number, and hardware version.

2. View Option Information and Install Options

At factory shipment, trial versions of options are provided. The trial period starts when the spectrum analyzer is powered on for the first time after shipment and lasts about 216 minutes. Click **Navigation -> System -> Option List** to view currently installed options and related information. For option installation details, refer to the *View Option Information* and *Install Options* section.

For more information about this product, visit the RIGOL website (http://www.rigol.com) to view and download related manuals.

• *RSA800 Series Data Sheet*: Provides the main features and technical specifications of this product.

• *RSA800 Series User Guide*: Provides function descriptions, operation methods, remote control methods, troubleshooting methods, and order information for GPSA and RTSA modes.

• *RSA800 Series Programming Guide*: Provides the SCPI command set and programming examples for GPSA and RTSA modes.

• *VSA User Guide*: Provides function descriptions, operation methods, and order information for VSA mode.

• *VSA Programming Guide*: Provides the SCPI command set for VSA mode.

• *ADM User Guide*: Provides function descriptions, operation methods, and order information for ADM mode.

• *ADM Programming Guide*: Provides the SCPI command set for ADM mode.

• *EMI User Guide*: Provides function descriptions, operation methods, and order information for EMI mode.

• *EMI Programming Guide*: Provides the SCPI command set for EMI mode.

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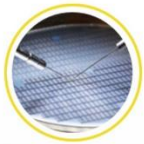

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HEADQUARTER

RIGOL TECHNOLOGIES CO., LTD.
No.8 Keling Road, New District,
Suzhou,JiangSu, P.R.China
Tel: +86-400620002
Email: info-cn@rigol.com

EUROPE

RIGOL TECHNOLOGIES EU GmbH
Friedrichshafener Str. 5
82205 Gilching
Germany
Tel: +49(0)8105-27292-21
Email: info-europe@rigol.com

NORTH AMERICA

RIGOL TECHNOLOGIES, USA INC.
10220 SW Nimbus Ave.
Suite K-7
Portland, OR 97223
Tel: +1-877-4-**RIGOL**-1
Email: sales@rigol.com

JAPAN

RIGOL JAPAN CO., LTD.
5F,3-45-6,Minamiotsuka, Toshima-Ku,
Tokyo,170-0005,Japan
Tel: +81-3-6262-8932
Fax: +81-3-6262-8933
Email: info.jp@rigol.com

KOREA

RIGOL KOREA CO,. LTD.
5F, 222, Gonghang-daero,
Gangseo-gu, Seoul, Republic of Korea
Tel: +82-2-6953-4466
Fax: +82-2-6953-4422
Email: info.kr@rigol.com

For Assistance in Other Countries

Email: info.int@rigol.com