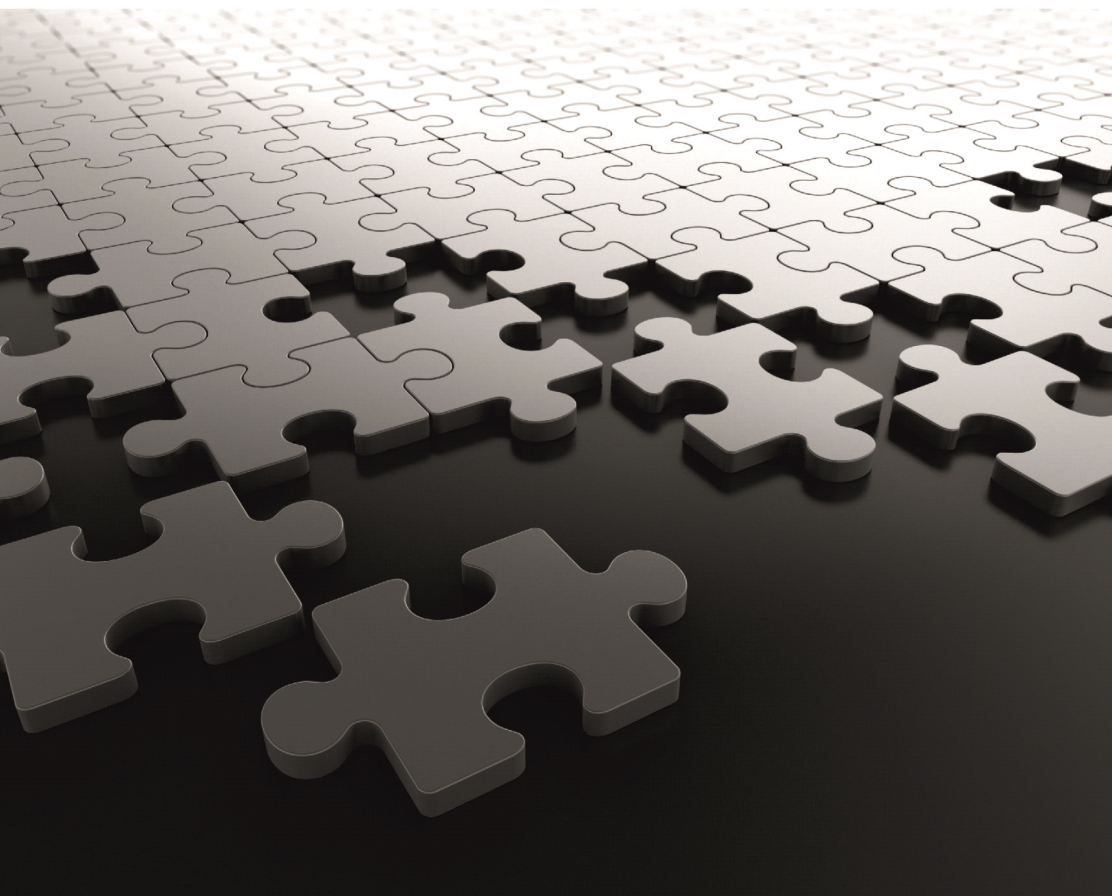


SPARSH VP510

Quick Start



Disclaimer

Matrix Comsec reserves the right to change, at any time, without prior notice, the product design, specifications, components, as engineering and manufacturing may warrant.

This is a general documentation for all models/configurations of the product. The product may not support some of the features/facilities described in this document.

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Version 1

Release date: September 5, 2024





SPARSH VP510

The Premium Standard SIP Phone

Quick Start



Package Contents

- SPARSH VP510 Phone
- Handset with Handset Cord
- Ethernet Cable
- A Foot Stand
- Wall Mounting Template
- Screws and Screw Grips

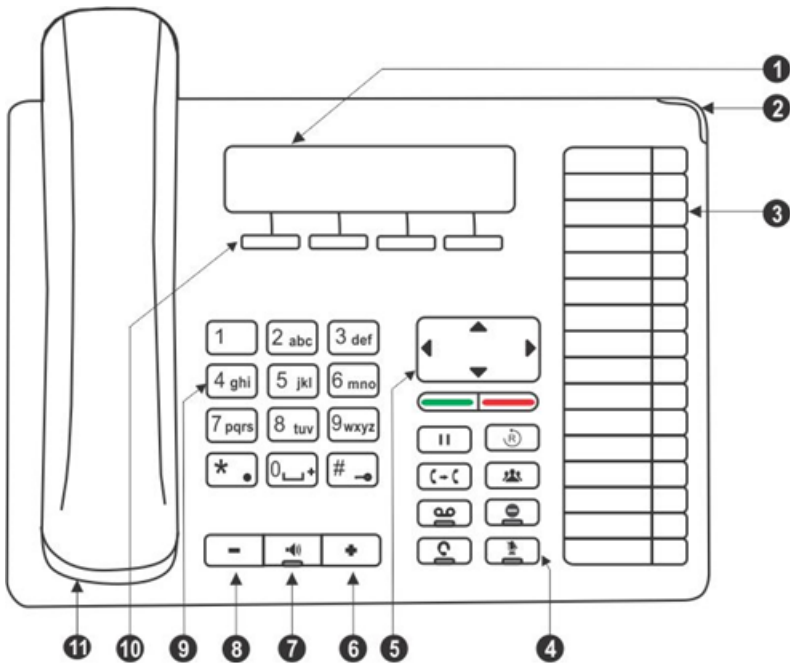
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Thank you for choosing SPARSH VP510! Please read this guide first for correct installation and retain it for future reference. The information in this guide was current at the time of publication. All specifications are subject to change without notice.

This Quick Start is meant to help you install and connect the phone to make and receive calls. For detailed instructions, refer to the User Guide.



Know Your SPARSH VP510





1	LCD Screen
2	Ringer LED
3	DSS (Direct Station Selection) Keys
4	Fixed Feature Keys
5	Navigation Keys
6	Volume Increase Key
7	Speaker Key

8	Volume Decrease Key
9	Dial Pad/ Key Pad Keys
10	Context Sensitive Keys
11	Handset


Volume Keys

While talking, Press  to increase and press  to decrease Speech volume.

When the phone rings, Press  to increase and press  to decrease Ringer volume.

Navigation Keys

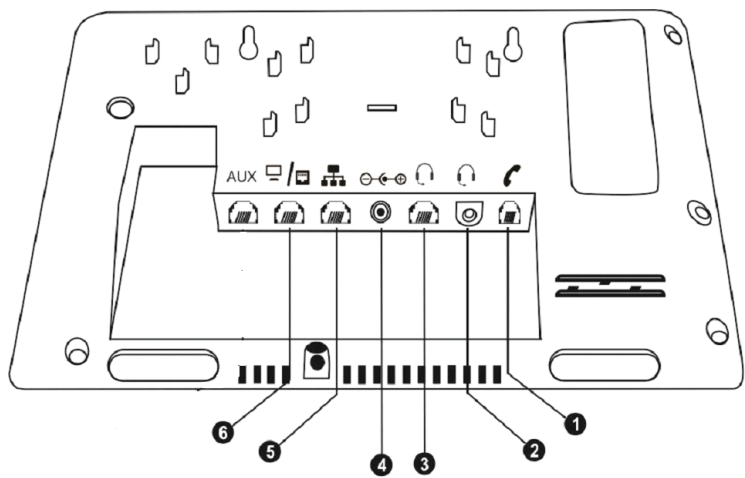
The functions of each are described briefly below.

- **Up Key:** To scroll upwards while navigating the Menu/sub-menu or to access Phone Settings (when phone is in the idle state).
- **Down Key:** To scroll downwards while navigating the Menu/sub-menu or to access Network Parameters (when phone is in idle state).
- **Forward Key:** To move forward when dialing a number or scroll to view the Context Sensitive Key options.
- **Back Key:** To move backwards when dialing a number, to go back one level in the Menu or scroll backwards to view the Context Key options.
- **Menu or Select / OK Key **: To enter the Menu; when the phone is in the idle state (without any incoming or outgoing call being made).

Menu Key functions as the **Select / OK Key** to make a selection from the Menu/sub-menu options or to complete an action.

- **Cancel Key **: To navigate to a previous menu screen.

Bottom View



1	RJ9 Connector to connect Spring Cord of the Handset
2	3.5 mm Audio Jack connector to connect the Headset
3	RJ9 Connector to connect the Headset
4	DJ Jack to connect the Power Adapter (Optional) ^a
5	RJ45 Connector to connect the Router/LAN Switch
6	RJ45 Connector to connect the PC/Computer

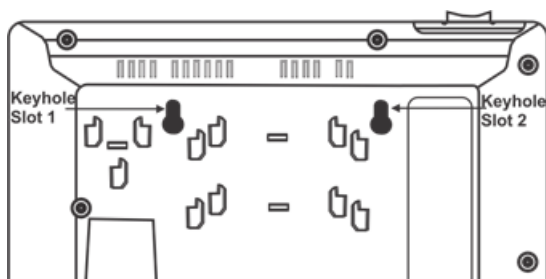
a. It is a PoE enabled phone and can be powered over Ethernet by connecting it to a PoE enabled LAN Switch (IEEE 802.3af Compliant). If you do not want to use PoE, plug in the connector of the Adapter into the power jack (DC Jack) at the bottom of the phone. The IP phone should be used with Matrix original power adapter (5V/2A) only.

Installing SPARSH VP510

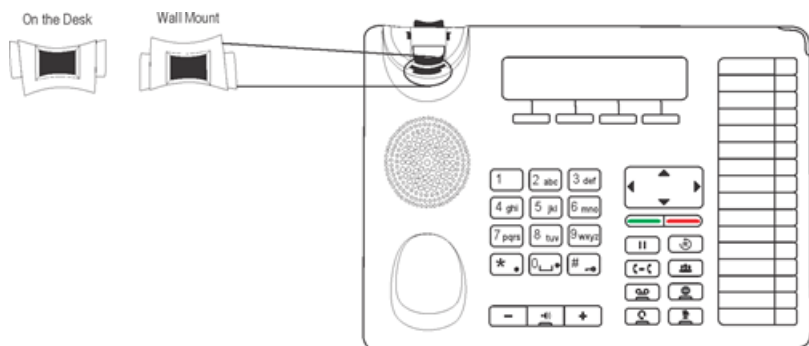
- You can mount the phone on the wall or desk at a convenient location.

Mount SPARSH VP510 on the Wall,

- Use the mounting template to drill holes of appropriate size and distance.
- Fix the screw grips in the holes you drilled.
- Fix two screws in the holes on the wall, ensuring that they are aligned with the Keyhole Slots 1 and 2 of SPARSH VP510. The screws should protrude from the wall to fit into the Keyhole Slots.



- Now, mount the phone with the screws into the Keyhole Slots.
- Reverse the handset wall mount tab to make sure that the handset remains intact when you mount the phone. Push the handset wall mount tab upwards to remove it from the slot. Rotate it 180 degrees clockwise and push it downwards into the slot.

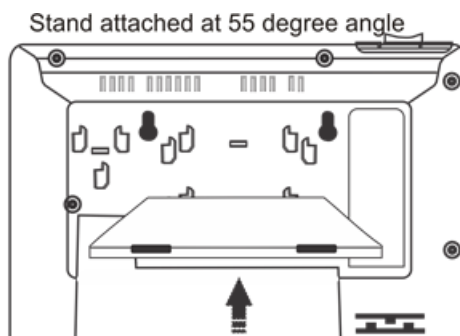
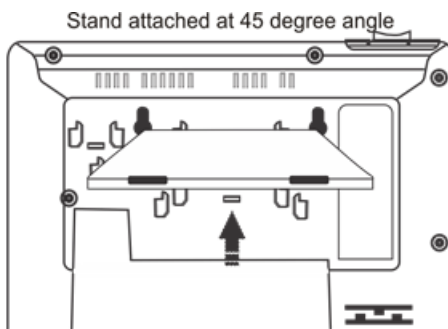




If you are unable to remove the wall mount tab, you may use a tool like a minus screw-driver to remove it.

Mount SPARSH VP510 on the Desk,

- You can attach the Foot Stand in the following ways — at an angle of 45 degrees or 55 degrees



- Decide which of these positions would work for you best and accordingly attach the Foot Stand.

Connecting SPARSH VP510

Verify the Package Contents

Unpack the phone. Make sure that your package contains all the items as per the Package Contents.

Get your Internet Connection ready

To install SPARSH VP510 you must have:

- Broadband Internet Connection to make/receive calls through Public Internet. If you want to make calls within your network, you do not need an Internet connection.
- A SIP Account with an Internet Telephony Service Provider (ITSP)/IP-PBX. If you want to make Peer-to-Peer calls (i.e. calls made without the intervention of a SIP/Proxy server), you do not need the services of an ITSP/IP-PBX.

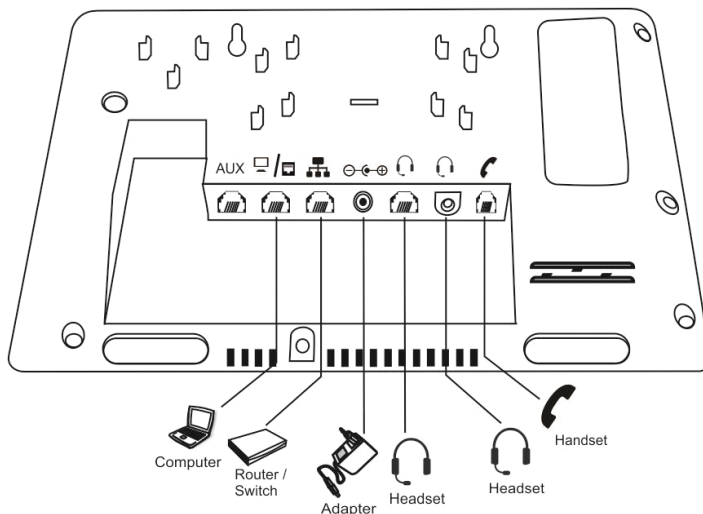
Get your Network Information ready

Ask your LAN Administrator/ISP for:

- IP Address
- Subnet Mask
- Gateway Address
- DNS Address


Ask your ITSP for:

- SIP ID/User ID
- Authentication User ID (in most cases same as SIP ID)
- Authentication Password
- Registrar Server Address
- Registrar Server Port





- Mount the phone on wall or desk at a location convenient to you.
- When you mount the phone on a desk, you can attach the Foot Stand in two ways — 45 degrees or 55 degrees. If you attach the Foot Stand at 55 degrees, the phone will be placed in an almost upright position on your desk. Decide which of these positions would work for you best and accordingly attach the Foot Stand.



Connect the Handset to the Phone body

- Connect the handset of the SPARSH VP510 to the phone body using the Spring Cord (supplied with the phone).
- Connect the long straightened end of the Spring Cord into the RJ9 connector at the bottom of the phone, marked with the symbol .


Connect a Headset (not supplied by Matrix)

- To use a Headset (not supplied with the phone), plug any standard stereo headset with 3.5mm single connector into the headset audio jack at the bottom of the phone, marked with the symbol .
- OR
- You may also plug in a headset with an RJ9 connector into the headset port at the bottom of the phone, marked with the symbol .


Connecting PC to the phone

- Plug in the Ethernet Cable into the PC Port  /  of the phone and the other end into the LAN Port of your PC/LAN Switch.

Connecting to IP Network

- Connect the LAN Port  of the phone to the IP Network — A Router or LAN Switch — using the Ethernet Cable.

Connecting Power Supply

- Plug in the connector of the Adapter into the power jack (DC Jack)  at the bottom of the phone.
- Plug in the Power Adapter into a power outlet.



If you are going to use SPARSH VP510 in LAN environment and your LAN Switch supports Power over Ethernet (PoE as per IEEE 802.3af), do not connect the Adapter!

If both the power options, that is, PoE as well as Power Adapter are available to the phone, then the phone will derive power from the PoE enabled LAN Switch.

The IP phone should be used with Matrix original power adapter (5V/2A) only. The use of any third-party power adapter may cause damage to the phone.

- Switch on the Power Supply.
- By default, the phone will boot in the Extended mode. To convert the mode to Standard, refer to [“Converting SPARSH VP510 Extended SIP Phone to SPARSH VP510 Standard SIP Phone”](#).



SPARSH VP510 with Serial Number: 10016001 and onwards only can be converted to Standard SIP Phones.

- The phone locates the IP Address. By default Dynamic IP Address is assigned to the phone.
- LCD appears in ‘idle state, without a live network connection. Your SPARSH VP510 is now ready for configuration.

Configuring SPARSH VP510

SPARSH VP510 provides an embedded web server with a Graphic User Interface (GUI), *Jeeves*, for configuration. You can access this embedded web server on the PC connected to the PC port or LAN port.

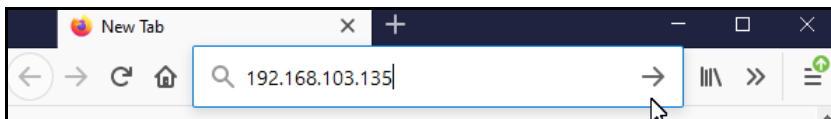


You can configure Network Settings also from the Phone Menu. To do so,

- Press **Menu** Key.
- Scroll using the Up/Down Navigation Key to select **Settings** and press **Select** Key.
- Scroll using the Up/Down Navigation Key to select **Network Settings** and press **Select** Key.
- Scroll using the Up/Down Navigation Key to select **Connection Type** and press **Select** Key.
- Scroll using Right Navigation > Key or Left Navigation < Key, to select the **Connection Type** as Static.

To view the Dynamic IP Address assigned to the phone,

- Press **Menu** Key.
 - Scroll using the Up/Down Navigation Key to select **Phone Info** and press **Select** Key.
 - IP Address assigned to the phone is displayed. Take a note of the same.
- Make sure your PC is in the same Subnet as SPARSH VP510. Change the Subnet Mask of the PC, if necessary.
 - Open a web browser [Google Chrome 88.0.4324, Microsoft Edge 88.0.705.50, Mozilla Firefox 85.0, Safari 15 (15.6.1)] on the PC.
 - Enter the current IP Address of SPARSH VP510 in the address bar of the browser. Static Default: 192.168.001.021



The Login page opens.

The image shows the login interface for the SPARSH VP510. At the top, there is a header bar with the 'MATRIX' logo on the left, the text 'SPARSH VP510' in the center, and a row of language links: 'Deutsch', 'English', 'Español', 'Français', 'Italiano', and 'Português'. Below the header, the main area is mostly blank. Near the bottom, there is a 'Login Password' label followed by a text input field. To the right of the input field is a 'Login' button with a blue checkmark icon.

To configure SPARSH VP510,

- In the **Password** field, enter **1234**, the default configuration password.
- Click **Login** button.
- On successful login, the Home page appears.



The links Basic Settings, Advanced Settings, Certificate Management, Maintenance, Supplementary Services, and Status appear in the left pane.

Basic Settings are sufficient to get your SPARSH VP510 into operation.

To set up and operate your system, quickly,

- Click **Basic Settings** link.

The links to the different basic parameters appear on the left pane.




You may either use the *Wizard* to guide you through the configuration or selectively configure the *Basic Settings* pages.

When you use selective configuration,




- Click **Basic Settings** link to expand.
- Click each parameter link — **Region**, **SIP Trunk**, **Outgoing Call Routing**, **Passwords**, **Network**. The selected parameter page opens.
- Set the desired values on the page.
- Click **Submit** to save your settings on the page.

When you use the *Wizard*,

- Click the Wizard  icon on the top right of your screen.





- The **Next** button takes you to the next page, saving the changes you made on the current page.
- The **Back** button returns you to the previous page.
- The **More**  button expands parameters on the page.
- The **Less**  button collapses parameters on the page.
- The **Default** button assigns factory set values to all the parameters on the page.
- The **Quit**  button enables you to exit the Wizard at any stage, saving changes you made before exiting.

You may use the Wizard or selectively configure the Basic Settings pages, whichever works best for you. Read the User Guide for detailed instructions.

If required, you can convert the SPARSH VP510 Standard SIP Phone to SPARSH VP510 Extended SIP Phone. Refer to [“Converting SPARSH VP510 Standard SIP Phone to SPARSH VP510 Extended SIP Phone”](#) for details.

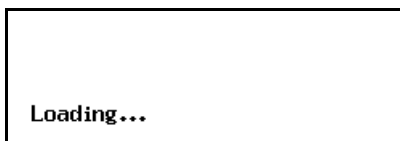
Converting SPARSH VP510 Extended SIP Phone to SPARSH VP510 Standard SIP Phone

By default the phone will boot in the Extended mode, follow the steps given below to convert the same to Standard mode:



SPARSH VP510 with Serial Number: 10016001 and onwards only can be converted to Standard SIP Phones.

- When the Phone is powered on and the Loading screen appears press #2.



The message “Do you want to start in Standard SIP Mode?” appears.

- Press **Yes** Key.
- The phone will reboot and start as a Standard SIP Phone. The Factory Default values for this mode will be assigned to all the parameters.

Converting SPARSH VP510 Standard SIP Phone to SPARSH VP510 Extended SIP Phone

To convert the SPARSH VP510 Standard SIP Phone to SPARSH VP510 Extended SIP Phone, follow the steps given below:



SPARSH VP510 with Serial Number: 10016001 and onwards only can be converted to Extended SIP Phones.

- When the Phone is powered on and the Loading screen appears press #2.



The message “*Do you want to start in Extended SIP Mode?*” appears.

- Press **Yes** Key.
- The phone will reboot and start as an Extended SIP Phone. The Factory Default values for this mode will be assigned to all the parameters.

Refer to the SPARSH VP510 (Extended) User Guide and respective Server Manuals — SARVAM UCS, PRASAR UCS and ANANT UCS to know more. The documentation can be found at <https://www.matrixcomsec.com/support/telecom-product-manuals/>.



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