

It could be possible that the content of this manual differs from your device depending on the version of the device that you may have purchased.

Packing List

This package contains:

- 1 vWand Black/White-Aluminum
- 1 Quick Start Guide
- 1 USB to micro-USB charging cable

To register your vWand open you vWand™ StartApp and read the NFC tag on the bottom of the vWand package.

Or go to www.vwand.com/support

Digital version available

Digital version of this manual and the User Manual are available at www.vwand.com as an Adobe Acrobat file (.pdf). If you do not have Adobe Reader, you can download it for free at www.adobe.com.

www.vwand.com



Sistelnetworks S.L.
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vWand™

Quick Start Guide



Copyright

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Trademarks

- vWand and the vWand and Sistelnetworks logo are trademarks of Sistelnetworks S.L.

- Bluetooth® is a registered trademark of the Bluetooth SIG, Inc. worldwide.

Welcome Message

Thank you for purchasing the vWand. It will provide NFC connectivity for your devices through Bluetooth® connection. It includes a stylus pen to work easily with touchscreen devices.

- Content in this manual may differ from the product provided depending on the product version, and is subject to change without prior notice.

- Accessories different from the supplied ones may not be compatible with your device.

Instructional icons

Before you start, familiarise yourself with the icons you will see in this manual:



Caution—situations that could cause Personal damages, damages to your device or other equipment.

FCC Regulatory Notice

Modification statement

Sistelnetworks S.L. has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

Interference statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement

This device complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Class B digital device notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC ID: 2AAHG1

CONTAINS FCC ID: T9J-RN42

Warranty

Sistelnetworks provides a limited warranty during 1 year after the shipment of the device.

Warranty does not cover physical damages to the device, neither damages caused by any misuse.

Conditions:

Customer will be responsible of the shipment costs of the unit to Sistelnetworks premises in Spain. The address will be indicated by Sistelnetworks Support team.

Sistelnetworks will analyze the unit and will determine malfunction cause.

If the malfunction is due to manufacturing defects, Sistelnetworks will substitute the unit with carriage paid.

Please contact support@sistelnetworks.com for any inquiries regarding the warranty of your vWand.

Correct disposal of this product

Waste Electrical & Electronic Equipment (EEE)

Applicable in the European Union and other European countries with separate collection systems.



This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. USB charging cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate the vWand or its electronic accessories from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

This EEE is compliant with RoHS.

Correct disposal of batteries in this product

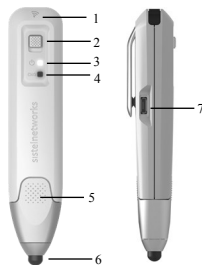
Applicable in the European Union and other European countries with separate battery return systems.



The vWand includes a Li-Po battery.

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbol Li-Po indicate that the battery contains Lithium-Polymer. If batteries are not properly disposed of, these substances can cause harm to human health or the environment. To protect natural resources and to promote material reuse, please separate the vWand from other types of waste and recycle them through your local, free return system.

vWand Parts



- 1- NFC Reader/Writer
- 2- ON/OFF Switch
- 3- ON/OFF Led Indicator
- 4- Charge Led Indicator
- 5- Stylus activator for capacitive touchscreens
- 6- Capacitive rubber nib
- 7- Micro-USB charger port

Charging the battery

Before using the device for the first time, you will need to charge the battery.



Use only USB chargers (5V / Up to 2A) with a Micro-USB cable. Unauthorised chargers or cables can cause batteries to explode or damage your device.

1. Plug the small end of the charger into the multifunction jack.



Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

2. Plug the large end of the charger into a power outlet. The red LED indicator will switch on.

3. When the battery is fully charged, the chg LED indicator will switch off. Then first unplug the charger from the device and then from the power outlet.

To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the outlet to interrupt the power supply.

Safety Information

To prevent injury to yourself and others or damage to your device, read all of the following information before using your device.



Warning: Prevent electric shock, fire, and explosion



Keep your device dry

Humidity and all types of liquids may damage device parts or electronic circuits.

When wet, do not use your device. Dry your device with a towel and keep it switched off till you are sure it is completely dry inside.

Water damage to your device can void your manufacturer's warranty.



Do not leave kids alone using the vWand without adult supervision.
The vWand is not designed to be used by young children.



Do not bite nor pull of the rubber nib

Under certain conditions, the nib may drop, disabling the Stylus function or causing dangerous situations, such as choking.



Do not disassemble, modify, or repair your device

Any changes or modifications to your device can void your manufacturer's warranty.

Do not disassemble or puncture the battery, as this can cause explosion or fire.



Use only manufacturer-approved chargers, accessories and supplies

Using non-appropriate chargers may shorten the life of your device or cause the device to malfunction.



Do not use damaged power cords or plugs, or loose electrical sockets.



Do not touch the power cord with wet hands, or disconnect the charger by pulling on the cord.



Sistelnetworks cannot be responsible if accessories or power supplies, that are not approved by Sistelnetworks, are used.



Do not use the device for any other purpose different for the one that it is specified. Sistelnetworks will not be responsible for any misuse of the vWand nor its consequences.



Do not drop your device or cause impacts to your device

If bent or deformed, your device or its parts may be damaged causing malfunction.



Do not use or store your device in dusty, dirty areas

Dust can cause malfunction of the vWand.



Ensure maximum battery and charger life

Avoid charging batteries for more than a week, as overcharging may shorten battery life.

Over time, unused batteries will discharge and must be recharged before use.



Disconnect chargers from power sources when not in use. Use batteries only for their intended purposes.



Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers.



Do not use the device in potentially explosive environments.



Do not store your device in hot/cold or wet areas. Use your device

at 0 °C to 35 °C , relative humidity 5% to 95% non condensing

Your device may explode if left inside a closed vehicle, as the inside temperature can reach up to 80 °C.

Do not expose your device to direct sunlight for extended periods of time (such as on the dashboard of a car).

Extreme temperatures can cause the deformation of the device and reduce the charging capacity and life of your device and batteries.



Do not store your device with such metal objects as coins, keys and necklaces

Your device may become deformed or malfunction.

If the battery terminals are in contact with metal objects, it may cause a fire.



Do not store your device near magnetic fields

Your device may malfunction or the battery may discharge from exposure to magnetic fields.



Switch off the device onboard of an aircraft.

This device contains a radio frequency transmitter. Always respect restrictions to the use of radiofrequency devices.

User Manual



vWand

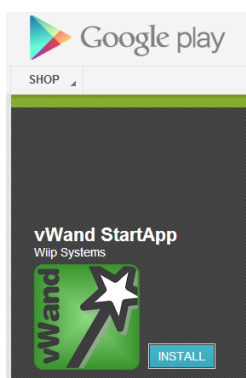
Powered by:



First Steps

1. Download and install the test app

The first step before running the vWand™ StartApp is to download it and install it on the device.



1

You can download the App from Google Play for free. (Search: vWand StartApp).

vWand StartApp is intended to allow you to perform basic operations and test that the vWand works perfectly.

Note: You can find other applications in Google Play.

2. Bluetooth Link

After installing the application on the smartphone or tablet, the next step is to pair the vWand™ with the device, making a Bluetooth Discovery:

Setting -> Wireless & Networks-> Bluetooth settings-> Search devices*

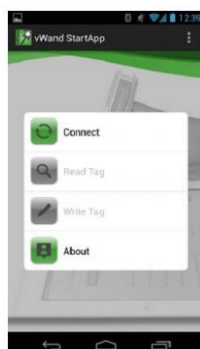
**The path may vary depending on the Android Version.*

The vWand™ can be identified in the list of Bluetooth discovered devices by the vWand ID that can be read in a label on the device. The vWand™ appears in the discovered devices list, select it, and then **introduce the pairing code “1234”**.

After pairing process, user is able to launch vWand™ StartApp. In the main window, **user has to push “Connect” button** before any reading and writing process in order to link the app with the vWand™. When the link is completed, user can easily read and write NFC tags.

3. Reading NFC tags

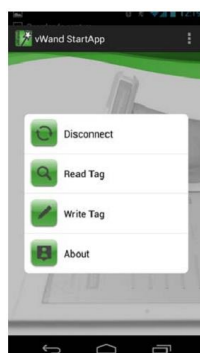
The picture on the right shows the main window of the application. The first button allows the user to perform NFC tags reading.



2

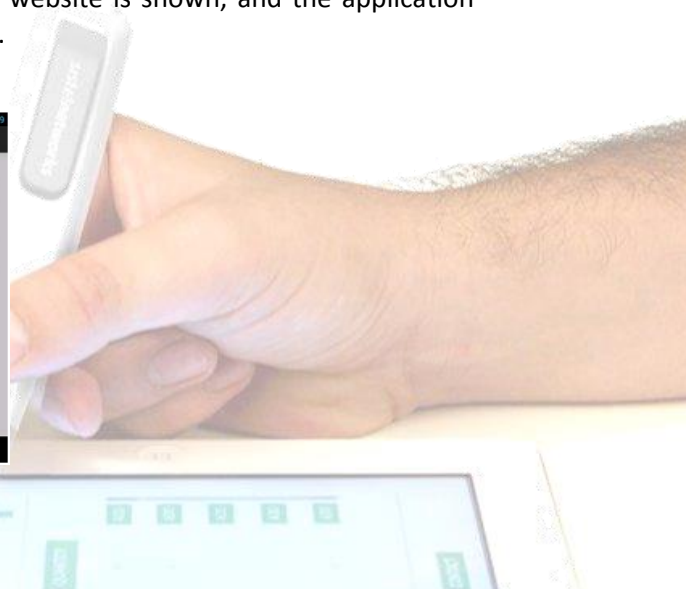
In this version, the NFC Forum standard “Well-Known” Record Types supported are URL, Mail, Telephone and SMS.

Once the user presses the reading button, the application is set in continuous read mode, allowing tag Reading. Now the user can tap the vWand™ against NFC tags.



When a tag has been read, a new window is shown in the application, including the information read and a link to perform the action depending on the NFC standard tag: Mail, SMS, Telephone or URL.

For example, if a URL NFC tag is read, a link with the website is shown, and the application launches the web browser when the user clicks the link.



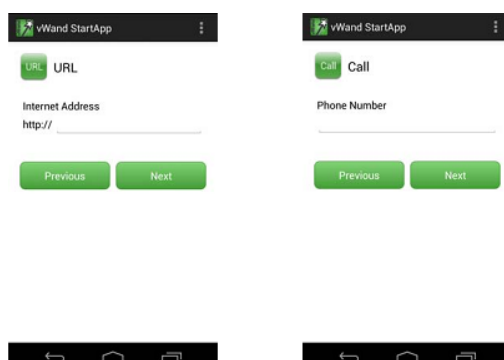
4. Writing NFC Tags

The picture on the right shows the writing mode window of the application. This window is shown when the user has pushed the writing mode of the main window.



3

The user can select one of these NFC standard Uri record types: Mail, URL, SMS and Telephone, and a new window is shown, where the user can fill the fields of the selected NFC tag.



After that, the user can push the write button and tap the vWand™ against the tag. If the tag is not formatted, the application performs a format procedure before writing the information in the tag.



5. Register your vWand

There are two methods to register the vWand:

1. Open the vWand™ StartApp and **read the NFC tag** on the bottom of the vWand package. It will direct you to the vWand support page.
2. Open your web browser and register at:

www.vwand.com/support

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6. Use your vWand as a stylus

Capacitance required to work with stylus on capacitive touchscreens is generated by the contact of user fingertips with metallic parts in the stylus.

In order to use the vWand Stylus functionality, **hold your vWand with your fingertips in contact with the aluminum part**, stylus activator (5), as indicated in the figure below.



Tag performance advice

Different NFC tags have different performance. This may influence the speed of the communication when reading or writing the tag.

The electromagnetic behavior of all NFC devices may vary depending on its orientation with the tag.

With some supported tag types, you may need to use the vWand with the clip side up, to get the maximum reading speed. Please see the figure below.

You do not need any special care for an optimum use experience of your vWand with the majority of the supported tag types.

Please, contact support@sistelnetworks.com for more information.

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