REDMAGIC

RedMagic Watch User Guide

Product description

The illustrations of products, accessories, user interfaces, etc. in the guide are all schematic and are for reference only.
Due to product updates and upgrades, there may be slight differences between the actual product and the schematic diagram, please refer to the actual product.



Basic parameters

Product name: RedMagic Watch
Product model: SW2102
Device name: Bluetooth device
Screen: 1.39-inch AMOLED display
Resolution: 454X454
Sensors: heart rate sensor, acceleration sensor, gyroscope, geomagnetic sensor, ambient light sensor
Wireless connection: Bluetooth 5.0 BLE
Battery capacity: 420mAh
Satellite positioning: GPS, GLONASS and QZSS
Paired mobile phone: Android 4.4 and above
Charging voltage and current: 5V/0.5A
Working temperature: -10°C~45°C
Storage temperature: -20°C~60°C

Wear

For daily wear, please wear the watch to about one finger away from the wrist bone and adjust the strap tightness to ensure that the heart rate sensor can collect data normally.

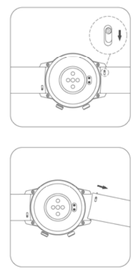


※ **Prompt:**

• Wearing the watch too loosely may affect the heart rate monitoring data.
• When choosing to measure heart rate on the watch, keep your wrist still during the test.
• When testing oxyhemoglobin saturation, please adjust the position and tightness of the watch, with the screen facing up, The wrist should remain still and the breathing should be kept calm. Deep breathing and speaking may affect the test data.

Disassembly and assembly of the strap

If you need to disassemble or replace the strap, please refer to the illustration.



Recharge

Place the watch on the charging base so that the charging contacts on the back of the watch are aligned with the metal contacts of the charging base. Connect the USB port of the charging base to the power adapter. After the connection is successful, the charging power indicator will appear on the watch screen.



※ **Prompt:**

• Please use a standard USB charger with an output voltage of 5V and an output current of 0.5A and above purchased through regular channels.
•Before charging, wipe the charging contacts of the watch clean to avoid dirt, sweat or residue of moisture.
• If the watch cannot be turned on after being left for a long time, it needs to be pre-charged for about one minute before the charging icon is displayed.

Power on and off

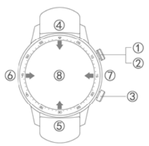
Press and hold the power button for 3 seconds to boot.
In the power-on state, press and hold the power button for 3 seconds to enter the shutdown interface, please select shutdown or restart.



※ **Prompt:**

• If the new watch cannot be turned on, it is probably out of power. Please charge it first.
•If the watch is abnormal and cannot be shut down normally, please press and hold the power button for more than 10 seconds, it will be forced to shut down and restart.

Basic interaction



①Tap to enter the application list (on the watch face homepage).
②Tap to pause/continue exercise (during exercise).
③Tap to trigger the shortcut function (enter the exercise list by default).
④Swipe down from the top edge of the watch face homepage: open the control panel.
⑤Swipe up from the bottom edge of the watch face homepage: open the information notification.
⑥Swipe right from the left edge on other pages: return to the previous level.
⑦Swipe left and right on the watch face homepage: switch to the direct page.
⑧On the watch face, long press the interface and then swipe left and right to select the watch face.

Connection

Please download and install the "RedMagic Sports" APP to better manage your nubia account and use more services.

1.Please scan the QR code on the right with WeChat or browser or the QR code on the watch screen.
Download and install the "RedMagic Sports" APP.

2.Open the "RedMagic Sports" APP, log in to the nubia account and follow the instructions on the screen.
3.When adding a device, a pop-up box about whether to accept the binding will pop up on the watch side, click "√" to complete the binding with the APP.

※**Prompt**

• During the binding process, please make sure that the phone's Bluetooth is turned on to ensure that the watch and the phone are connected normally.
• If during the process of adding a device, multiple same products around are displayed, please click "Scan to Pair" to scan the QR code on the watch screen to bind.
• If the device cannot be found during the process of binding the device, or the device cannot be connected during use, please try to select "Restore Factory" in the watch system operation interface, and then re-bind the device.

• In order to ensure that watch can receive messages Push normally, "RedMagic Sports" APP needs to be running in the background. If there are incoming calls, text messages, and push notifications that are not received, it may be because the mobile phone system has closed the APP. You can check the relevant settings of your phone, such as battery saving options, self-starting management options, whitelist options, etc. ("Different mobile phones may have different names for related functions.)"

Safety and precautions

1.The product meets the requirements of 5ATM protection level and supports wearing in swimming pools swimming, shallow water swimming and other shallow water activities, but not suitable for hot showers, hot springs, saunas (steam rooms), diving, underwater diving, water skiing, and other wading activities and deep water activities facing high-speed currents. The waterproof function is not permanently effective and may weaken over time.
2.The touch screen of the watch does not support underwater operation. When the watch is wet, please wipe the surface of the water with a soft cloth before operating.
3.The leather strap is not waterproof, please avoid contact with liquids, and dry it as soon as possible after contact with liquids; when wearing it in water-contacting scenes such as swimming,

please replace it with a silicone strap.
4.Please use the watch within the temperature range of -10℃ to 45℃. When the ambient temperature is too high or too low, it may cause the watch to malfunction.
5.The watch is equipped with a built-in battery that is not removable. Please do not disassemble the watch yourself. The battery (battery pack or assembled battery) must not be exposed to excessive heat such as sunlight, fire or similar. If the battery is incorrectly replaced, there is a danger of explosion, and it can only be replaced with a battery of the same or equivalent type.
6.Please do not disassemble, hit, or crush. If the battery is severely swollen, please do not continue using it.
7.It is strictly forbidden to throw the watch or battery into the fire to avoid explosion.
8.This watch is a non-medical device, and any data or information provided by it should not be used as a basis for diagnosis, treatment and prevention of diseases.
9.The watch and its accessories may contain some small parts. Please keep the watch and its accessories out of the reach of children. This is to prevent children from unintentionally damaging the watch and its accessories, or swallowing small parts that may cause suffocation or other hazards.
10.This watch is not a toy. Children should use the device under adult supervision.
11.In daily use, avoid wearing the watch too tightly. Please keep the contact area of the watch dry and clean the wristband with clean water regularly. If symptoms such as redness and swelling

appear on the contact area, stop using it immediately and consult a doctor. Wearing the watch for a long time for high-intensity exercise may cause skin irritation due to friction. In this case, please stop wearing the watch.
12.Please use the charging stand that comes with the watch to charge. When choosing power adapter, please use a power adapter that meets the requirements of the corresponding safety standards or a power adapter that has obtained CCC certification.
13.Please do not store or transport the watch and its accessories in the same box with flammable liquids, gases or explosive materials.
14.When charging the watch, please keep the charger, charging stand and watch in a dry environment. Please do not touch the charger and charging stand with wet hands. And make sure that the charger, charging stand and watch are not exposed to rain or liquid.

Impact on medical equipment

Any radio transmitting equipment (including this equipment) may interfere with the function of improperly protected medical equipment. If there is a problem or if you are not sure whether the medical equipment can shield external radio frequency energy, please consult a medical professional or medical equipment supplier.
Where the use of electronic devices is prohibited or the wireless transmission function of the watch is disabled, please follow relevant regulations.

1.Pacemaker
People with pacemakers should consult authorized medical personnel and medical equipment manufacturers to obtain specific information about medical equipment when using the watch, and whether it is necessary to keep a safe distance between the medical equipment and the watch. If you suspect that the watch is interfering with your medical equipment, stop using it.
2.Hearing aids, cochlear implants
Users of hearing aids and cochlear implants should consult authorized medical personnel and refer to the instructions of the equipment provider when using the watch. If you suspect that interference is occurring, turn off the phone and move the watch to a remote location.

Traffic safety

1.Remember that safe driving is your first responsibility, please don't engage in distracting activities.
2.The electronic equipment of the car may malfunction due to radio interference from the watch. Please contact the manufacturer for advice.
3.Please do not place the watch above the car's airbag or in the area that can be reached after the airbag is deployed, lest the watch receives strong external force when the airbag is inflated, which may cause serious injury to you.
Wireless devices may interfere with the flight system of the aircraft. Please abide by the relevant regulations of the airline. Please do not use the watch where the use of wireless devices is prohibited.

FCC Regulatory Compliance

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: 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
- This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Disposal of our Old Device

• When the wheelie bin symbol is attached to a device, it means the device is covered by the European Directive 2012/19/EU
• All electrical and electronic devices should be disposed of separately from normal household waste via designated collection points provided by government or local authorities.
• The correct disposal of electrical and electronic products will help protect the environment and human health.

EU Declaration of Conformity (DoC)

Hereby, Nubia Technology Co., Ltd declares that this device is in conformity with the Radio Equipment Directive: 2014 / 53 / EU.
For the declaration of conformity, visit http://www.nubia.com/en/support.php?a=download.

EU certified frequency band:

Frequency band	Max. output power (dBm)
BLE(2402MHz-2480MHz)	2.± 1

Safety warning:
The watch's normal operating temperature is -10°C ~ 45°C. In order to ensure the normal watch functions, do not use this watch outside the temperature range.
This device may be used in each EU member state.

Declaration of RoHS 2.0 Compliance

We're determined to reduce the impact we have on the environment and take responsibility for the earth we live on. So this document allows us to formally declare that the SW2102, manufactured by Nubia Technology Co., Ltd, fully complies with the European Parliament's RoHS (Restriction of Hazardous Substances) 2.0 Directive 2011/65/EU, with respect to all the following substances:
(1) Lead (Pb)
(2) Mercury (Hg)
(3) Cadmium (Cd)
(4) Hexavalent Chromium (Cr (VI))
(5) Polybrominated biphenyl (PBB)
(6) Polybrominated diphenyl ether (PBDE)
(7) Di(2-ethylhexyl) phthalate(DEHP)
(8) Dibutyl phthalate (DBP)
(9) Benzyl butyl phthalate (BBP)
(10) Diisobutyl phthalate(DIBP)
Our compliance is witnessed by written declaration from our suppliers. This confirms that any potential trace contamination levels of the substances listed above are below the maximum level set by EU 2011/65/EU, or are exempt due to their application.
The SW2102 manufactured by Nubia Technology Co., Ltd meets all the requirements of EU 2011/65/EU.

Warranty Provisions

Warranty period: The warranty period commences from the date of purchase. The product and other accessories carry a warranty period according to local regulations and policy. The date on the proof of purchase or any other valid voucher will be considered as the date of purchase. For more detailed warranty information, please consult your local dealer or visit Nubia official website: http://www.nubia.com/en/

Non-Warranty Provisions

The warranty doesn't cover products which have been handled in any of the following cases:
◆ Products malfunctioned or damaged due to misuse, improper use, abuse,negligence, or any improper use not according to the user manual.
◆ Product repaired,replaced or altered by any person other than Nubia customer service center.
◆ Products malfunctioned or damaged due to natural calamity, force majeure, unpredictable accidents and any other factors beyond the control of Nubia Technology Co., Ltd.
◆ Product altered, converted, or exchanged to meet the requirements of local electrical conditions, safety standards and communication systems by any person other than Nubia service center.
◆ Product whose serial number or warranty sticker is missing, damaged, or altered.
◆ Products which expire the warranty period specified in warranty card.
If those provisions conflict with local laws and regulations, it subject to the local regulation.

Qualified

Warranty Card

Warranty Information

Name

Purchase Date

Charger S/N

Battery S/N

Dealer

Dealer Tel.

Notes

If the product does not contain charger or battery , you don't have to fill in the serial number.
This certificate will become effective only after stamped by a dealer authorized by Nubia Technology Co., Ltd.

Nubia Technology Co., Ltd.
Address: Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Official website: www.nubia.com/en/
N58151100202 xxxxxxxxxx

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.