

# DAS.4

SP20 | USER MANUAL

## Product Presentation

This is a low-power Bluetooth chip and high-tech sensor technology watch. It monitors sports and health data such as walking, running, cycling, basketball, football, swimming, heart rate, sleep and movements. It will sync the time, Weather, information notification etc., and features such as anti-lost phone, sedentary reminder, alarm reminder, etc.

## Function Instruction



### Wearing Instruction

1. Please wearing the smart watch according to the picture/
2. Buckle the strap according to your wrist measurement, make sure the heart rate lights are close to your skin.

### OFF/ON

ON: Long-press the button on the right for 2 seconds to turn on.

OFF: Long-press the button on the right for 2 seconds.

## Device Connection

Make sure the smart watch is having Bluetooth enabled, tap on '+Add advice' in the 'More' page of the phone APP, find the right smart watch to pair, and sync.

## Interface Switching

Smart watch interface switching long-press the face for 3s get into the switching interface, swipe up and down to switching the dial face, single press to choose the dial face.



Status: Screen display do not disturb mode when slide the dial face from top to bottom, brightness, setting and connection icon functions.

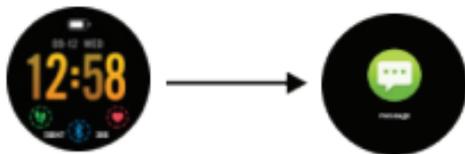


Measurement data interface: The dial interface slides from bottom to top and enters the measurement data viewing interface, you can view data such as daily walking, heart rate, sleep, and daily exercises.



**Incoming Message Notification:** On device screen, swipe from left to the right to enter Message menu interface.

After the device is successfully paired with the phone via Bluetooth, please grant permission to app for accessing incoming call, text messages and app notifications, to allow incoming messages on phone to be synchronized to the watch. (Default number of stored messages is 8. There is a button to delete messages. Later messages will overwrite existing messages when exceeded 8 messages).



**Menu:** Swipe from right to left to navigate from main screen to other menu screens



### **Steps Count (Pedometer)**

Steps count starts registering number of steps after 20 steps. The steps count data is synchro-

nized in real time with the app. Distance and calories consumed information are displayed along with steps count.



### Sports mode

There are some sports modes available to choose from

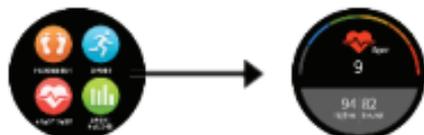


Before entering into any sports mode, there is a setting option to proceed with or without a sports target. When starting a sports mode, a 321 countdown will be displayed first, followed by stopwatch to record the workout time, until the stopwatch is stopped at the end of workout session. At the same time when a sports mode is in progress, swiping up and down will show more related information such as distance, time, calories consumed and heart rate.



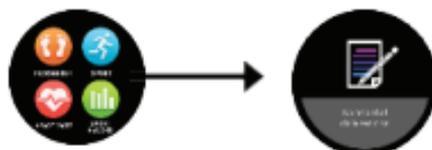
## Heart rate monitoring

Upon entering heart rate monitoring menu, the underside heart rate sensor LED will flash, and start monitoring heart rate after 8 seconds. Heart rate menu will display current heart rate, historical highest and lowest heart rate. To stop manual heart rate monitoring and exit this menu, swipe from left to right. The same info will be displayed on APP after synchronization.



## Sport record

Enter sport record, can check the history data of sport mode.



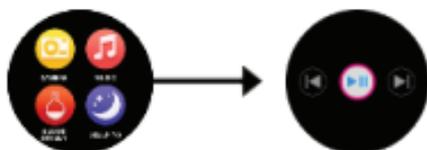
## Remote camera

Open the APP in your smart phone, and click camera icon in your smart watch, then can control to take photos and the gallery will be saved in your smart phone



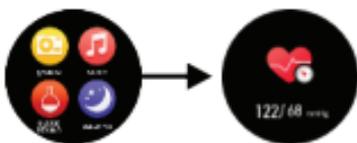
## Music control

Open this function inside APP settings, and open music APP in your smart phone, then you can control to switch songs and pause the music.



## Blood pressure

Open blood pressure and it will measure your BP in about 8 seconds, then show the data and sync data with APP.



## Sleep monitor

Wear the smart watch to sleep and check the data until wake up, it will show your sleep situation like light sleep, deep sleep, sleep time and will sync the data with APP.



**Stopwatch:** Click stop watch to start counting time and click again to stop.



**Timer**: Click timer and set up a time to start counting time.



**Brightness**: Click on the screen brightness in the Settings item and click on the screen to switch brightness.



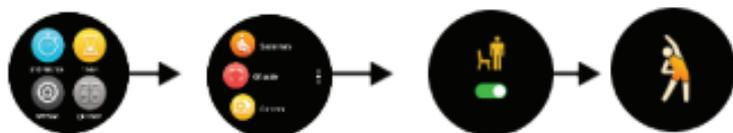
**Backlight time**: click backlight time in the Settings item to set backlight time



**Search for mobile phone**: click search for mobile phone in the Settings item. If the mobile phone is lost at an appropriate distance, there will be vibration and prompt sound at the end of the mobile phone.



**Sedentary reminder**: Set the time period, sedentary time to be reminded on the APP. Turn on this function in the Settings of the APP and the watch, and the watch will remind you after the preset time.



**QR Code**: the mobile phone can scan the QR code in the watch, and the APP can be downloaded and installed.



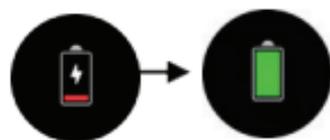
**Restore factory**: click on the Settings item to restore factory settings and click to confirm that all user data can be cleared.



**System**: click on the device in the Settings to view the name of the watch, Mac address, the current software version of the watch.



**Charging:** plug one end of the magnetic USB charging cable into the 5V 500Mah charger port, the other end is directly inserted into the charging contact point of the watch battery. It will display charging status when charging.



### **APP installation and use**

Scan the QR code below to identify the APP and install after downloading it directly from the Google play or App store.



Equipment requirements: IOS8.0 or above,  
Android 4.4 or above, support for Bluetooth 4.0

**Bluetooth connection:** After the pairing is successful, the APP automatically saves the Bluetooth address of the bracelet. After the APP is opened and runs in the background, it will automatically search and connect successfully.

Data synchronization: Manually pull down to get synchronization data on the APP homepage, and the bracelet can store offline data of 7 days. The more data there is, the longer the synchronization time may be. After the synchronization is completed, there will be a corresponding prompt

### Cautions

- Avoid strong impact, extreme heat and heavy rain
- Do not disassemble, repair or modify the machine by yourself.
- Use 5V 500Mh charging, and avoid using overload power supply voltage
- The operating temperature is 0-45 °. Do not throw into the fire to avoid explosions.
- Do not charge with wet hands, otherwise, oxidation of the charging hardware terminal may be caused, resulting in charging failure.
- Keep away from chemicals such as gasoline, cleaning solvents, 1-propanol, alcohol or insect repellent.
- Do not use this product in high-voltage and high-magnetic environments.
- If you have sensitive skin or wear too tight,

you may feel uncomfortable.

- Do not wear bracelet to take a hot bath.
- Please promptly wipe the sweat droplets on the wrist, as when the watchband is exposed to long time contact with soap sweat, allergens or contaminated ingredients, allergic itching may be caused to the skin.

## **FAQ**

- What can be done when the Bluetooth doesn't work? (connection failure/slow connection)

Make sure that your device supports Bluetooth 4.0 in IOS8.0 and Android4.4 or above

1. Due to the problem of signal interference in wireless connection, the connection time may be too long. If the connection cannot be preceded for a long time, please make sure to operate in the environment without magnetic field or interference of multiple Bluetooth devices.
2. Turn off Bluetooth and turn it on again.
3. Restart the phone after turning off the applications.
4. Do not connect other Bluetooth devices or functions to your phone at the same time.
5. Check whether the APP is running normally in the background, otherwise, it may not be connected.

## Unable to search for mobile phone

1. If the Bluetooth is not searched by the phone, make sure the phone is powered and activated and not bound to other phones. If it still does not work, please turn off the phone Bluetooth, and restart the Bluetooth after 20S.
2. Make sure the phone GPS is turned on.

## Why wear a tight bracelet when measuring heart rate?

The bracelet adopts the principle of light reflection and collects the signal reflected to the sensor after the light source penetrates the skin to calculate your heart rate. If you wear it loosely, there will be ambient light entering the sensor, which will affect the measurement accuracy.

## Whether the bracelet is waterproof Support IP67 dustproof only.

### Basic parameters

Device Model	SG18	Battery Type	Polymer
LCD display	1.3inch	Model number of battery	052025
Touch	Full touch	Battery capacity	180mAh
CPU	nrf52832	Length	26cm
Waterproof	IP67	Weight	60g

IP67 – Dust proof only.  
Seawater in prohibited.