

# DENVER®

Instruction Manual  
Smart Watch

**SW-500**



[www.denver-electronics.com](http://www.denver-electronics.com)

Before operating this product, please read this instruction manual carefully and completely.

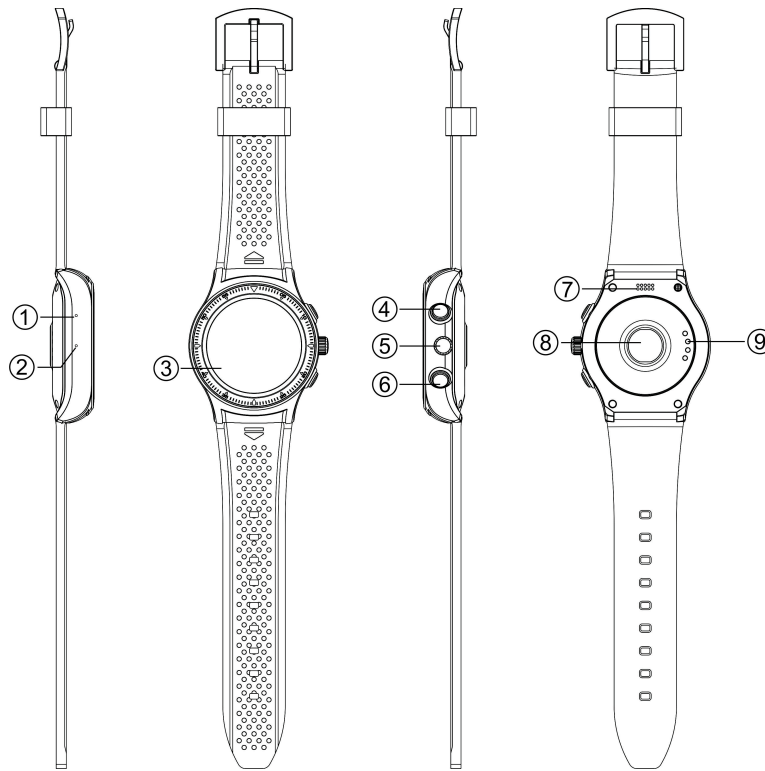
## **Feature**

- 1.3-inch IPS full screen display
- Multi-Sport Mode (Running, Walking, Hiking, Biking, Indoor Run & Trail Run)

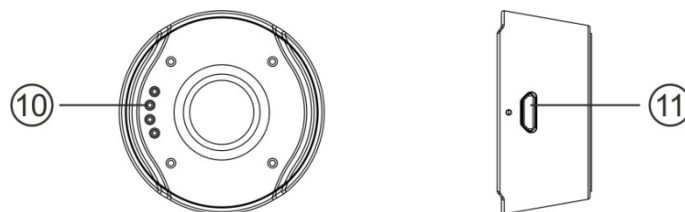
- Track your sport performance
- Provide comprehensive GPS location
- Digital Crown integrated, rotate it to change the menu easily
- Built-in HR sensor, monitor your heart rate and set your heart rate zone
- Built-in altimeter, barometer & temperature
- Monitor your daily activity and sleep
- Built-in sedentary reminder
- Synchronize phonebook, answer or reject calls from your wrist
- Display SMS, emails, calendar events and social media activity
- Smart wake-up, raise or shake your arm to wake up the device
- Remote control music playback, remote capture photo on your Smartphone
- Built-in loudspeaker and Microphone
- Built-in 350mAh Li-poly battery, up to 5-7 days standby time
- Fully compatible with iOS7 or above and Android 4.4 or above
- Different design styles for your different occasions and preferences

## **Overview**

## **Smart Watch**



1. MIC
2. Barometer sensor
3. Touch screen
4. Shortcut key for Sport mode
5. Digital crown
6. Power button
7. Speaker
8. Heart rate sensor
9. POGO-Pin Charging terminals

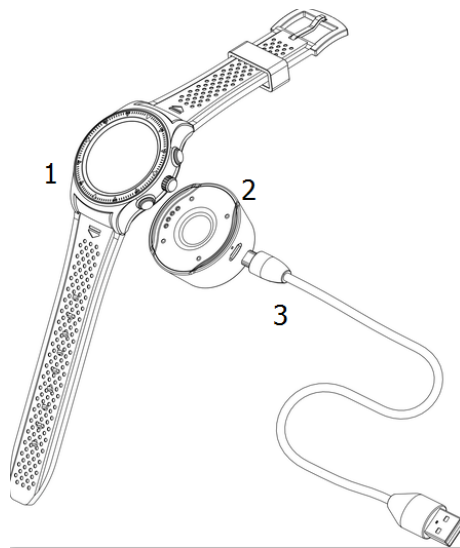


### **POGO-Pin Charger**

10. POGO-Pin
11. Micro-USB port

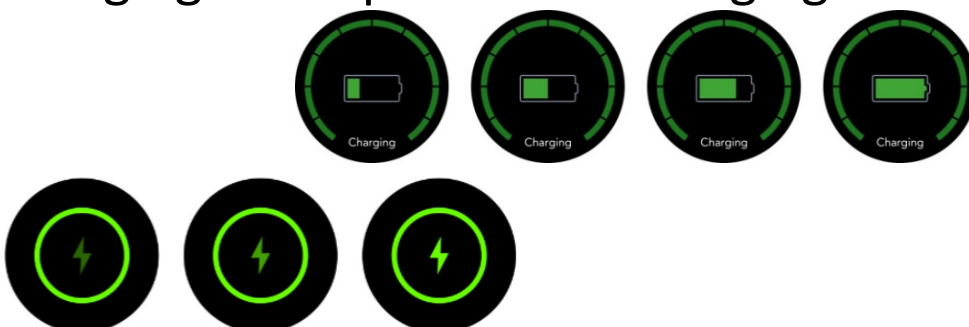
## Charging

- If you use a Power Adaptor (Not included), Power Adaptor current is: 5V, 500mA.
- It takes 2-hours to fully charge the smart watch, please follow steps below to charge.



1. Put the charging cradle beneath the watch. Make sure the POGO-pins on the cradle fit correctly onto the charging terminals on the back of smart watch.
2. Connect the charging cradle with the USB cable
3. Plug the big end of the USB cable to a power source

Charging when power off    Charging when power on



## How to use

- **Turn on:** Hold press power button in 3 seconds
- **Go to main menu:** Swipe from right to left on watch face interface
- **Switch main menu:** Swipe up/ down
- **Confirm:** Tap the icon or press digital crown
- **Exit:** Swipe from left to right
- **Return to watch face interface:** Short press power button on any interfaces
- **Sport mode shortcuts:** Press the upper button
- **Check notifications:** Swipe from left to right on watch face interface
- **Switch submenu/ shortcuts:** Swipe up/ down or Turn digital crown
- **Turn off:** Hold press power button in 3 seconds



## How to calibrate the sensor

In the settings inside, there is a “Sensor calibration” option.

If you find the temperature, altitude, pressure of the watch are wrong, you can calibrate the sensor to make

the watch display more accurate. (We will make sensor calibration for each device before packing when mass production)



### The steps to calibrate the sensor:

- Temperature: Settings-> Sensor calibration-> Temperature, set up the correct temperature value and click “OK”.
- Pressure: Settings-> Sensor calibration-> Pressure, set up the correct pressure value and click “OK”.
- Altitude: Settings-> Sensor calibration-> Altitude, if you select “Manual”, set up the correct altitude value and click “OK”. If you select “Use GPS”, wait for GPS located successfully, the watch will automatically show the current altitude, then click “OK”.

## Calibration reference:

- Temperature: You can refer to the thermometer to calibrate the watch's temperature;
- Pressure: If you are using iPhone, you can see the current city pressure in the **Weather** application
- Altitude: You can download an app called "**GPS Recorder**", open your mobile phone location service, and then refer to "Meter" interface "Altimeter" in iOS system.

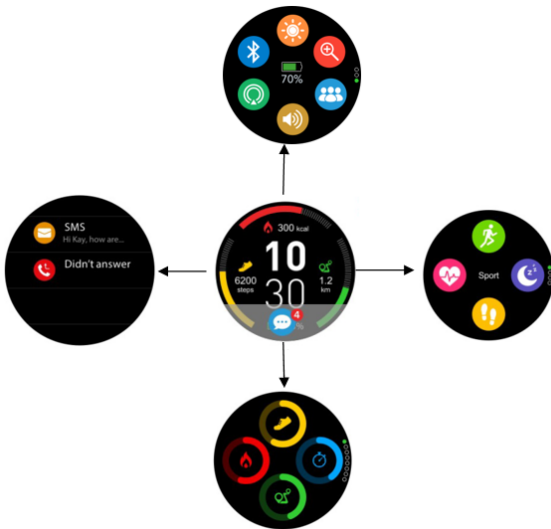
PS: If you use GPS to calibrate the altitude, please operate in an open area.

If you need to calibrate both altitude and atmospheric pressure, please calibrate the atmospheric pressure first, then calibrate the altitude.

If you go to another city, you need to re-calibrate the pressure and altitude on your watch.

The watch Units you set up	Units of Temperature	Units of Altitude
Metric	Degrees Celsius (°C)	Meter (m)
Imperial	Degrees Fahrenheit (°F)	Feet

# Main Menu

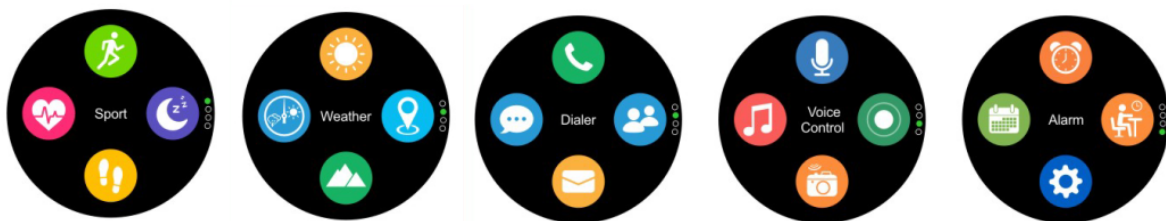


When turning on smart watch, you will see the watch face.



From watch face:

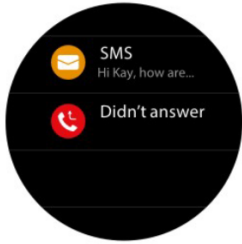
1. Go to Main Menu
  - a. Slide from right to left to enter into main menu.
  - b. Swipe up and down (or turn the digital crown) to switch the main menu.
  - c. Click the icon (or press the digital crown) to enter the corresponding menu. Slide from left to right to return to the previous menu.



2. Go to Notification shortcut page



Slide from left to right



3. Go to other shortcuts page  
Swipe up and down.

## **Pair with smart phone**

Mobile phones requirement:

Android 4.4 and above

iOS7.0 and above

Search and download “Orunning” app from App store or the Google Play Store on your smart phone.

Step 1: Pairing through the application “Orunning” to sync activity data and notifications etc..

1. Enable Bluetooth on your smart phone
2. Open Orunning App on your smart phone, set up your profile on Settings.
3. Tap “Connect Smart Watch” on Settings, select the name of your smart watch (or your smart watch name\_LE if iPhone) in the list of devices for connection.

Step 2: Pairing for calling function (Only for iPhone)

Go to iPhone “Settings” → “Bluetooth” and select your smart watch name in the list of devices for connection.

### **Remark:**

- If the connection is successful, a check mark will appear next to the name of your phone
- Make sure your smart phone is set to be “Visible to all nearby Bluetooth device”.
- The smart watch will automatically pair with your smartphone after the initial pairing is successful.
- The smart watch will auto-sync the date and time with your smartphone.

### **Function**

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#### **Watch face**



You can press the power button to go to the watch face interface quickly.

If you want to change the watch face of your smart watch, press the current watch face for 3 seconds, swipe left or right to go through the different watch faces and tap on the one you want to select and use.

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## Shortcut



### 1. Bluetooth

Meaning the status of Bluetooth, when you click the icon, you can enter the Bluetooth settings.

	<b>Means Bluetooth disconnected</b>
	Means Bluetooth 3.0 connected (for making and receiving calls with smart watch)
	Means Bluetooth 4.0 connected (for activity data and notifications synchronization)
	Means Bluetooth 3.0 & 4.0 connected

### 2. GPS

Meaning the status of GPS, you can click the icon to switch on/ off the GPS.

	<b>Means GPS is off;</b>
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Means GPS is on;

### Sound mode

Meaning the status of Sound mode, you can click the icon to ring, vibration or mute mode;



**Means ring mode**



Means vibration mode



Means mute mode

### 3. Scene mode

Showing the current scene mode, you can click the icon to switch different scene mode.





**General mode: smart watch will automatically “Activate on wrist flisk”, turn off GPS, set up mid-brightness and ring mode.**




Meeting mode: smart watch will automatically turn on Bluetooth and “Activate on wrist flisk”, turn off GPS, set up mid-brightness and vibration mode.

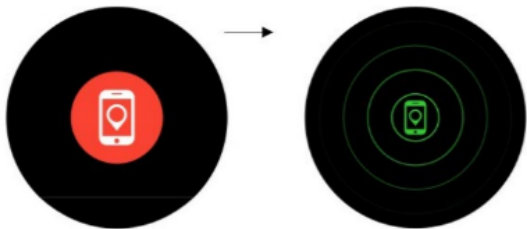


Airplane mode: smart watch will automatically turn on the ”Activate on wrist flisk”, turn off Bluetooth and

	GPS, set up mid-brightness and ring mode.
	Sport mode: smart watch will automatically turn on Bluetooth, “Activate on wrist flisk” and GPS, set up high-brightness and ring mode;
	Power saving mode: smart watch will automatically turn off Bluetooth, “Activate on wrist flisk” and GPS, set up low-brightness and mute mode.

#### 4. Find me

When the icon  turn red, means the smart watch well connected with “Orunning” App. Tap the icon ,your phone will ring and vibration to find where your phone is.



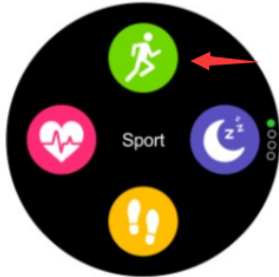
#### 5. Brightness

You can click the icon to adjust the display brightness.

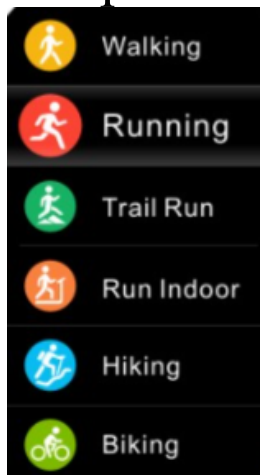
	<b>Means high-Brightness</b>
	Means mid-Brightness
	Means low-Brightness

## Sport mode

1. You can press the shortcut key of sport mode or tap below icon on main menu to enter sport mode.



2. Multi-Sport mode: with 6 sport mode as below. Slide up/ down (or turn the digital crown) to select the sport mode you want to start.



3. Activity distance record

Distance calculation	When turned on GPS	Calculate by GPS (except Run indoor)
	When turned off GPS	Calculate by steps (except Biking )

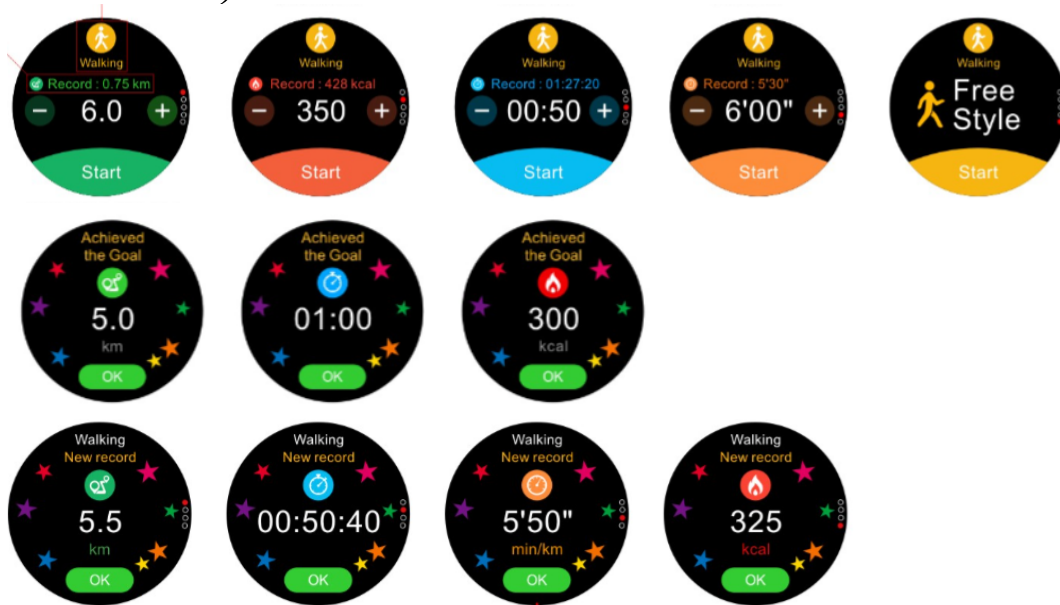
4. Activity goal

You can set up the following goals before going to activity.

Distance

Calories
Duration
Pace
Free Style

**Remark:** The watch will pop up a reminder once you achieve the goal (Pace and Free Style without reminder).



5. **Dynamic Heart Rate Tracking**

The watch will remind you if you want to track the heart rate or not before starting sport. If you select yes, the watch will track your real-time heart rate and show the heart rate zone.

6. **GPS locate**

**Acquiring Satellite Signals**

The device may need a clear view of the sky to acquire satellite signals.

- a. Go outdoors to an open area,

The front of the device should be oriented toward the sky.

- b. Wait while the device locates satellites.

### Improving GPS Satellite Reception

- Take your device outside to an open area away from tall buildings and trees.
- Remain stationary for a few minutes.



**Remarks:** The watch will remind you to wait for a few seconds to obtain the first heart rate data before starting sports for better activity experience.




### 7. Sports tracking



1. Distance	2. Duration	3. Pace	4. Calories
5. Dynamic heart rate	6. Target	7. Current	

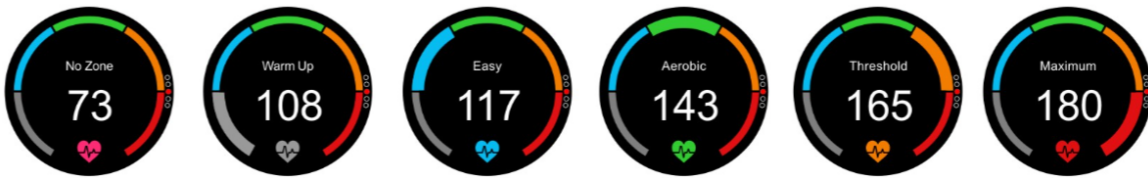


value	progress status	time
8. Altitude (works on Trail running, Hiking, Biking mode only)	9. GPS status	10. Heart rate zone

	GPS off
	Searching GPS signal
	GPS located successfully

Heart rate range: the watch will automatically calculate your heart rate interval according to your age.

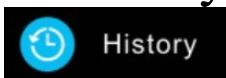
- **Warm up**- Help to warm up or help restore, improve metabolism
- **Easy**- Increase metabolism, fat metabolism ... weight control
- **Aerobic** - Medium intensity training to improve aerobic capacity. Help to strengthen the heart and lung and blood vessels
- **Threshold** - Improve lactic acid tolerance, enhance high-speed exercise strength and endurance
- **Maximum** - Show breathing and muscle strength treatment of anaerobic state. It is recommended to reduce heart rate



PS: You can choose to save the sport data or choose to discard to delete the sport data after clicking “STOP”.

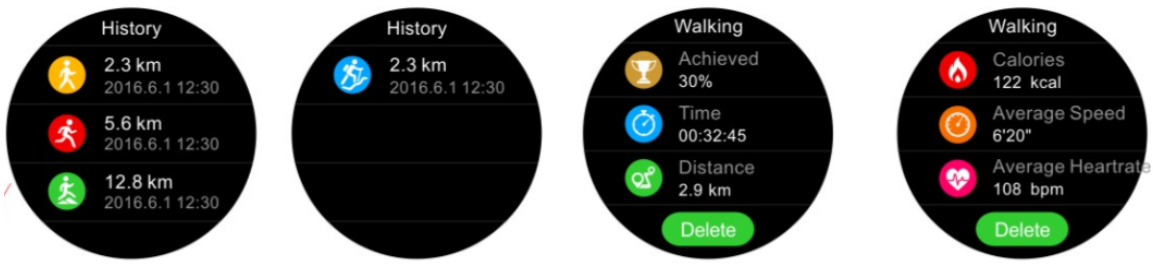


## 8. History



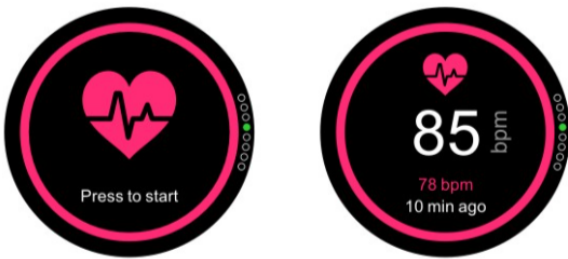
You can check your sport records at the bottom of the sport mode. Including the percentage of goals, exercise time, movement distance, calories, the average pace, average heart rate value.

Delete record: Check the record, then tap “Delete” or long press the corresponding data.



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## Heart rate



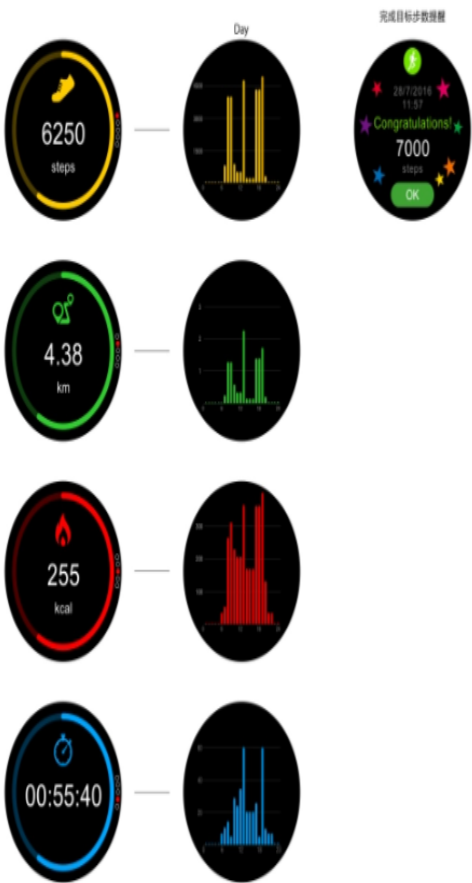
Fasten the watch, make sure it fits closely on your wrist when measuring your heart rate.

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## Pedometer

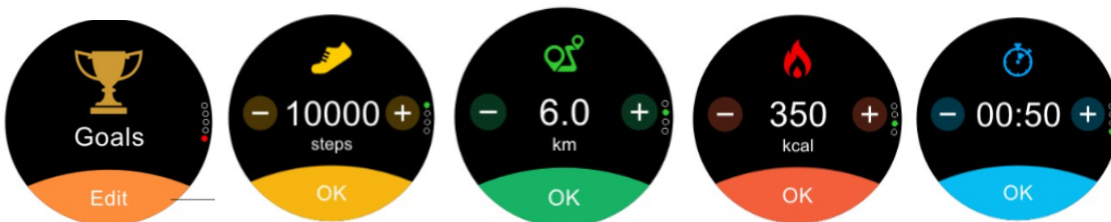
The watch will automatically record your daily number of steps, movement distance, calories and exercise duration. Select the corresponding icon, slide from right to left to check the detailed histogram report of per hour.





## Goals

Set daily pedometer goals, including steps, distance, calories, exercise duration.



If you achieve the goal you set up, the watch will pop up a reminder.



# Notification

See app notifications from a connected smart phone, including notifications of incoming and missed calls, SMS, email, social media activity, etc..



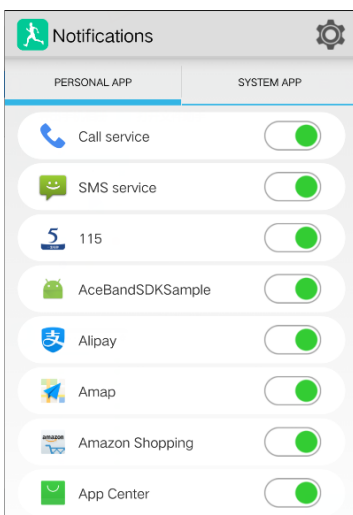
## SETTING UP NOTIFICATIONS FOR ANDROID USERS

Go to the Settings of your Android device:

Tap Notifications in Settings.

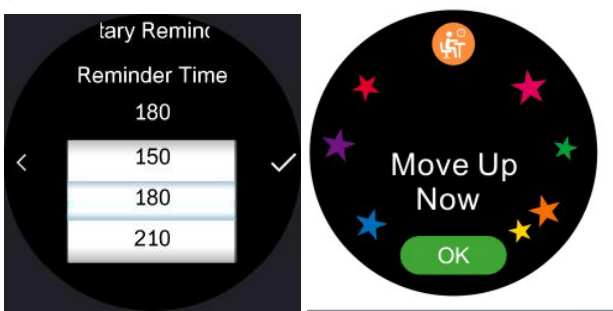
Select which type of notifications you want to receive on Smart Watch

Enable Show in Notifications to receive the notification on Smart Watch



## Sedentary reminder

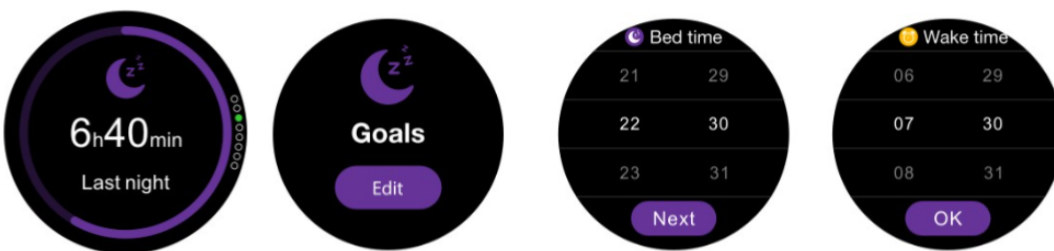
When you set up the sedentary reminder, the watch will automatically detect whether you are sedentary and pop up “Move up now” with ring and vibration if yes.



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## Sleep monitor

**Slide from right to left to set up the bed time and wake time. The watch will automatically monitor your sleep quality (light sleep and deep sleep) during the period which you set up.**



**Your sleep data will be synchronized to APP once you paired the watch with your smart phone. You can check your sleep data of last night as well.**



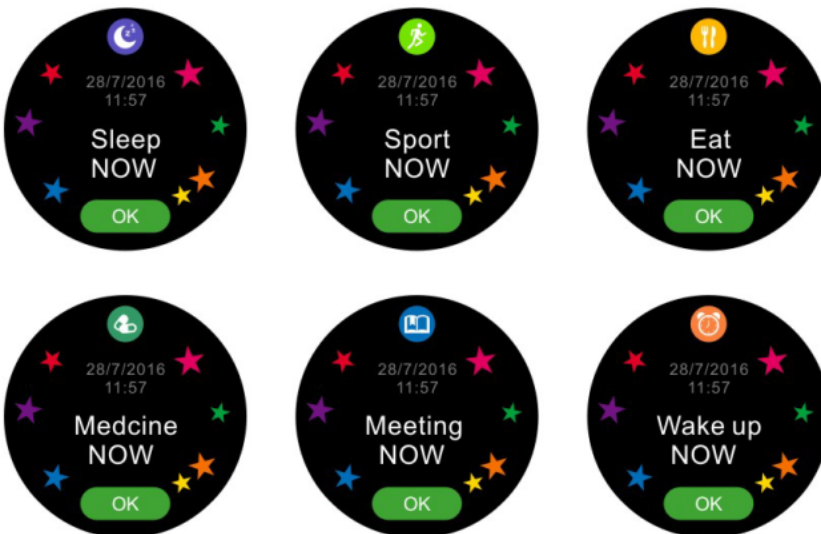
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## Reminder

Support multiple reminders.



With 6 different interfaces to remind you.



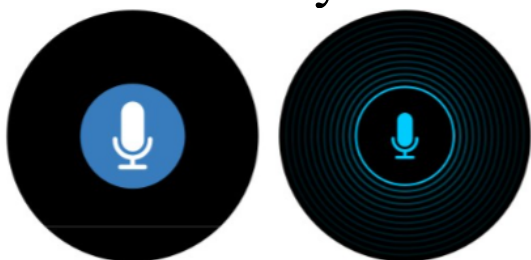
**You can check and turn/ off your next reminder on shortcut menu (from watch face interface, slide from down to up).**



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## **Voice**

Trigger the Siri assistant/ Google Talk when connected to your iPhone/ Android phone.



Examples of what you can ask or do:

Call (name of your contact)

Send a SMS to (name of your contact)

What's the weather like?

Set an alarm for tomorrow 5 am

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## **Weather**

When you pairing the watch with your smart phone in the case of your phone have Internet, the watch will sync your local weather forecast (Max/ Min temperature of the day) as below.



Remark: it's better to turn on your smart phone GPS function when pushing weather forecast.

**(Shortcuts:** from watch face interface, slide from up to down)



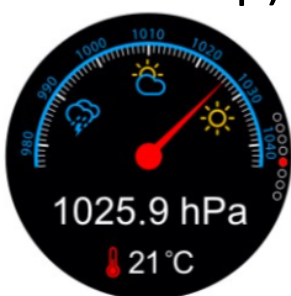
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## Barometer

With the smart watch, you can check the current atmospheric pressure and temperature.

If you need to calibrate the temperature and pressure, please follow “The steps to calibrate the sensor” above.

**(Shortcuts:** from watch face interface, slide from down to up)



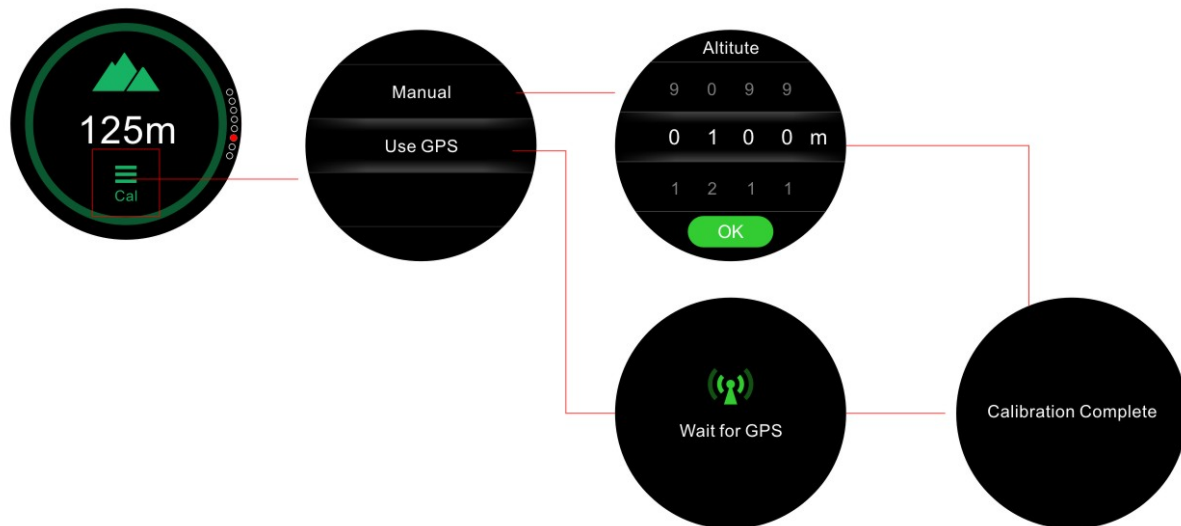
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## Altitude

With the smart watch, you can check the current altitude.

If you need to calibrate altitude, please press “Cal” to enter altitude calibration.

**(Shortcuts:** from watch face interface, slide from down to up)

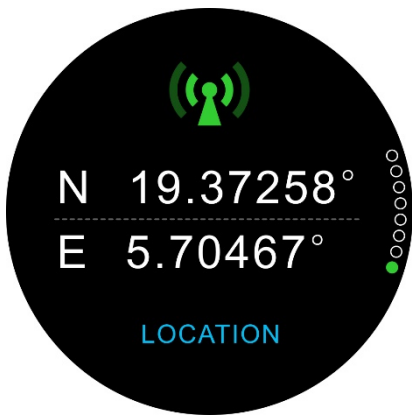


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## Location

If you turned on GPS of your smart watch and located your position successfully, there will show the current latitude and longitude. If you close the GPS or enter indoor, the watch will keep latest latitude and longitude.

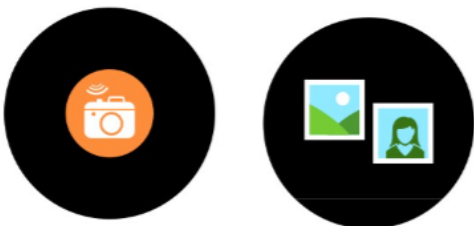
**(Shortcuts:** from watch face interface, slide from down to up)



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## Remote capture

To enjoy this feature, make sure the camera of your smart phone is on. Enabling Remote capture function will let you take pictures remotely from your Smart Watch.



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## Dialer

The watch allows you to make and receive calls in case of connected smart watch with your phone via Bluetooth)

## Making a call FROM THE PHONE MENU

Go to the Phone menu, enter a number with the dialer pad and tap



## INCOMING CALL OPTIONS



1. REJECT

## Receive call

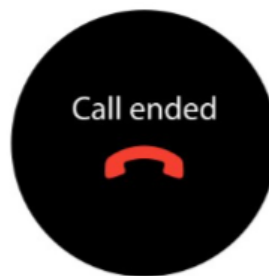
When your phone receive a call, the watch will pop up.

## INCOMING-CALL OPTIONS



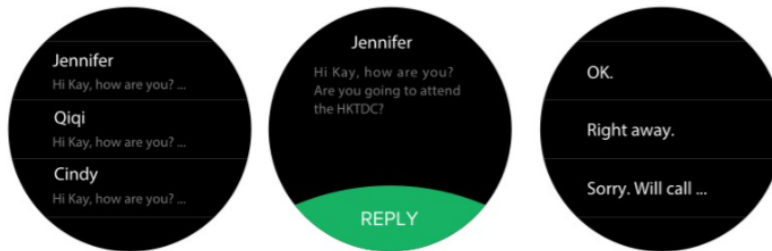
1. ANSWER
2. REJECT
3. MUTE

During the call, you can select hang up, mute and enter the dial.



## SMS

View SMS messages from a connected Android



phone.

### QUICK REPLY

You can reply through the SMS template (Android only)

The SMS of iPhone will be displayed in Notification menu.

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## BT music

Control the music player app of a connected smart phone.



## Settings

Use the Settings panel to configure the settings of your Smart Watch

**I Profile:** Set up Gender, Height, Weight, Birthday

**I Bluetooth:** Turn Bluetooth on/off and visibility on/off

**I GPS:** Turn GPS on / off

**I Sensor Calibration:** You can manually calibrate the watch's temperature, altitude, and atmospheric pressure

**I Time and date:** Set up the clock type on the display screen and set the time

**I Units:** Set units of measurement to metric or imperial

**I Activate on wrist flick:** Turn on/ off the function of “lifting your arm to wake up the Smart Watch display”

**I Sound:** Set up the ringtones and sound mode, as well as the volume level

**I Display:** Set up the brightness of the screen and the standby time

**I Watch info:** Displays the provider, device name, model, and firmware version

**I Language:** Multi-languages (You can turn “Auto sync” off to select the languages you need)

**I Power display:** Displays the current power status

**I Restore to Factory:** Reset to factory default

# DENVER®

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Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment and batteries should not be disposed with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the appropriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

Hereby, Inter Sales A/S declares that the radio equipment type SW-500 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<http://www.denver-electronics.com/denver-sw-500/>

Operating Frequency Range:

Max Output Power:

Imported by:

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Omega 5A, Soeften

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