

WF12086

ticwatch  
TIME IN CONTROL

Ticwatch E  
Smartwatch User Guide 

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## Welcome to the Ticwatch Community

The Ticwatch E is the latest in smart wearable device technology, running on Google's Android Wear 2.0™.

Mobvoi is an AI tech company with in-house core technologies in the areas including speech recognition, natural language understanding, vertical search, etc. Mobvoi aspires to define the next generation of human-machine interaction through our unique artificial intelligence technologies.

## Accessories and Look

### Crown:

1. Long press to power on, off, or reset.
2. Press to return to the watch face home screen.
3. Press to light up or turn off the screen.



**Screen:**  
1.4 inch round  
screen

**Strap:**  
20mm



## Accessories and Look

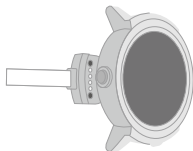
Microphone

Dynamic Optical  
Heart Rate Sensor



Charging  
Port

Speaker



### Magnetic Type Contactor Charging Cable:

To charge the battery, attach the charging cable to the charging points on the back of the watch.  
Input voltage: 5V  
Input current: 1A Max

### Water Resistance Level: IP67

The Ticwatch is splash and water resistant, but submerging, showering with, or swimming with the watch is not recommended.

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# Setting up and Getting Started

## 1. Pairing with the Android Wear App

- Download and install the Android Wear app from the Google PlayTM or Apple App Store.
- Pair your phone with Android Wear by following these steps:
  1. Press the crown to turn the Ticwatch on.
  2. Select your language.
  3. Turn on Bluetooth on your phone, and open the Android Wear App. Follow the instructions in the app to pair your phone with your watch.

## 2. Pairing with the Ticwatch App

- Pairing the Ticwatch app with your phone will allow you to sync data to your phone and access other features.
- How to Pair:
  1. Pair your Ticwatch with the Android Wear app.
  2. Download the Ticwatch app from Google PlayTM or Apple App store.
  3. Begin the pairing process.

## Setting up and Getting Started

### iPhone

Once you have paired your watch with the Android Wear app, you will need to pair your watch again with the Ticwatch app to sync your data to your phone.

#### Instructions:

1. Pair your watch with Android Wear, enter the Ticwatch App, log in or sign up for a Mobvoi ID, and then press start.
2. Select your watch name from the list on your phone to begin the pairing process. (You can find the name of your watch in Settings -> System -> About.)
3. Press complete upon successful pairing.

### Android Phone

Once you have paired your watch with the Android Wear app, download the Ticwatch app, and log in with or sign up for a Mobvoi ID. The app should automatically display that the watch is connected, and you do not need to pair again.

## Setting up and Getting Started

### Note:

You must first pair your watch and phone using the Android Wear App, then pair using the Ticwatch App, otherwise the pairing process would fail. Also, do not pair using your phone's original Bluetooth interface.

You will need a phone with Android 4.3+ or iOS 9.0+. When your phone and watch have been successfully paired, the Android Wear App on your phone should display "connected".

If you cannot successfully pair your watch with a phone, you will not be able to use the watch. Reset the watch, restart your phone, and turn off and then on the Bluetooth, and reattempt the pairing process.

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## More Information and Services

Please check out the official Ticwatch website to learn more.

Ticwatch Official Website: <https://en.ticstore.com>

Please contact us if you experience any problems.

Customer Service: [support@mobvoi.com](mailto:support@mobvoi.com)

### Manufacturer:

Shanghai Mobvoi Information Technology Company Limited

Address: Building 2-106, 1690 Cailun Road, China  
(Shanghai) free trade area

Importer:

## Hardware Parameters and Product Specifications

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| Screen                                                | OLED display<br>1.4 inch/36mm 287ppi     |
| Processor                                             | 1.2GHz dual-core MT2601                  |
| Memory                                                | 512MRAM + 4G ROM                         |
| Bluetooth                                             | Bluetooth V4.1                           |
| WLAN                                                  | 802.11 b/g/n                             |
| Frequency                                             | 2402-2480MHz                             |
| Battery Capacity                                      | 300mAh Nominal Voltage 3.8V              |
| Output power                                          |                                          |
| Classic BR&ED                                         | 9dBm                                     |
| BLE                                                   | 1dBm                                     |
| Wifi                                                  | 14dBm                                    |
| Operation System                                      | Android Wear 2.0                         |
| System Requirements<br>(for the pairing mobile phone) | Android 4.3 or later<br>iOS 8.2 or later |

Dynamic Optical Heart Rate Sensor, Acceleration Sensor,  
Gyroscope, GPS/Glonass/Beidou.

The watchband can be replaced, we offer a variety of watchbands  
for you to choose. Please contact your dealer if you want to buy  
them.

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## Compliance statements

### CE Statements:

1. CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.
2. EU Regulatory Conformance: Hereby, Shanghai Mobvoi Information Technology Company Limited declares that the radio equipment type [Smart Watch, WF12086] is in compliance with RED 2014/53/EU. The full text of the EU DoC is available at the following internet address:  
<https://en.ticstore.com/>
3. Do not use the Smartwatch in the environment at too high or too low temperature, never expose the under strong sunshine or too wet environment. The suitable maximum temperature for the Smartwatch is 40°C.
4. The SAR limit in Europe is 2.0 W/kg. Device types Smartwatch has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body is 0.248 W/kg.

## Compliance statements

### FCC statements:

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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

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## Compliance statements

turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

### IC statements:

This device complies with Industry Canada license-exempt RSS standard(s).

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.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s).

Son fonctionnement est soumis aux deux conditions suivantes:

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## Compliance statements

(1) cet appareil ne peut pas provoquer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

The SAR limit of USA (FCC/IC) is 1.6 W/kg averaged over 1 gram of tissue for use against the head and 4.0 W/kg averaged over 10 grams of tissue for use on the wrist.

The highest SAR value reported under this standard during product certification when properly worn on the body is 0.303 W/kg and when used against the head is 0.210 W/kg.



## Disclaimer:

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