R²

The app controlled watch winder

Quick Guide

Installing the battery

bottom view

battery compartment

Lithium-ion rechargeable battery

What's in the box

main unit

Lithium-ion rechargeable battery

DC adaptor

quick guide
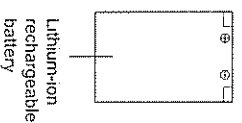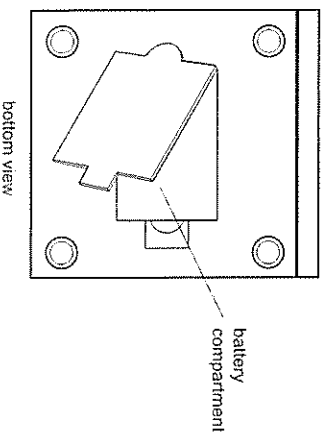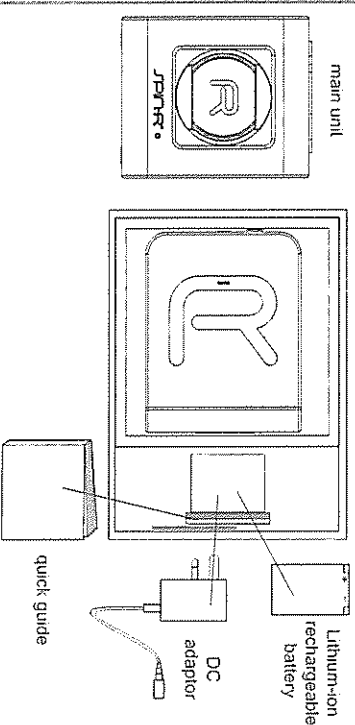
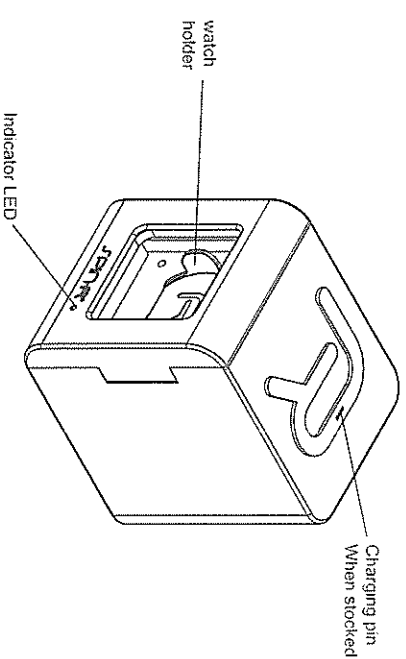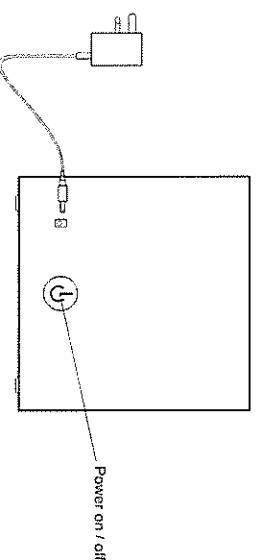## Prior to start

- Connect the DC adaptor to the power jack at the back of the unit to charge up the batteries.

- Place the SPIN-R watch winder in a safe location, avoiding exposure to sunlight, heat source, impact or humidity.

- Please disconnect the DC adaptor when attach or detach the Lithium-ion battery from the compartment to avoid any danger caused.

Power on / off

The main unit

watch holder

Indicator LED

Charging pin When stocked

Available on the
App Store

Search " SPIN-R" in App Store
and download in your device

Available on the
Google play

Search " SPIN-R" in Play Store
and download in your device

Easy Function Interface

Back ——— Brand of the watch

Turn Per Day ——— 900

——— Direction of rotation

——— LED ON/OFF
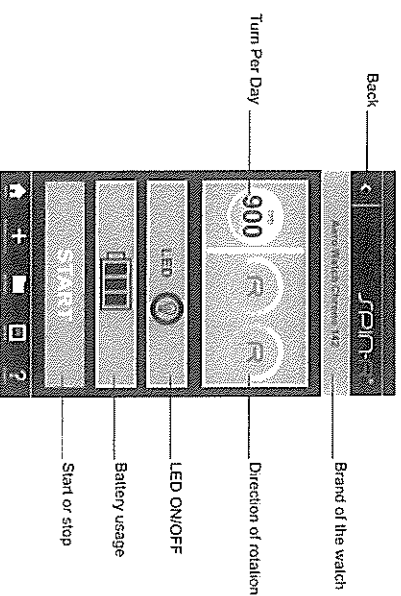
——— Battery usage

——— Start or stop

Registration

1 Click Sign Up in log-in screen

2 Enter your e-mail and
password

3 And click Sign up again

Connect Your Device

1 Click "Add New Device" at bottom

2 Then click "Connect Your Winder"

3 and it will search the blue-tooth
device near you

4 Choose your device's name
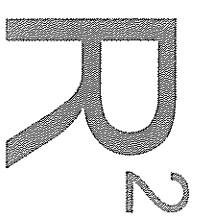
5 Click it and it will
connect automatically

Maintenance and care

-Please use extra soft cotton cloth to clean the monitor screen and control platform
and be careful not to scratch the monitor screen.

-Do not use solvent- basen cleaning agents.

-No user part inside the housing cavity. Do not unscrew to open the housings for any
attempt of repair.

-If you experience problems during normal operation, please contact your authorised
dealer or email us enquiry@spin-r.com.

-When asking for repair or claims under warranty, original packaging is required to
avoid damage during transportation.

-When the winder is not working properly, please remove the AC power source and
the lithium battery, wait for 1- seconds, then reassemble the AC plug and battery
to start the winder again.

SPIN-R®
www.spin-r.com

R²

The app controlled watch winder

Operation Manual

Table of Contents

Main machine

SPINR

Quick Guide

Transformer

Package of
chargeable
Lithium-ion
battery

Note: The plug of the transformer may be different from that shown by the figure depending on the region.

① Indicator

② LED Light (inside the door)

③ Power plug

④ On/Off key

⑤ Charging output end

⑥ Charging receiving end

⑦ Safety Key

SPINR°
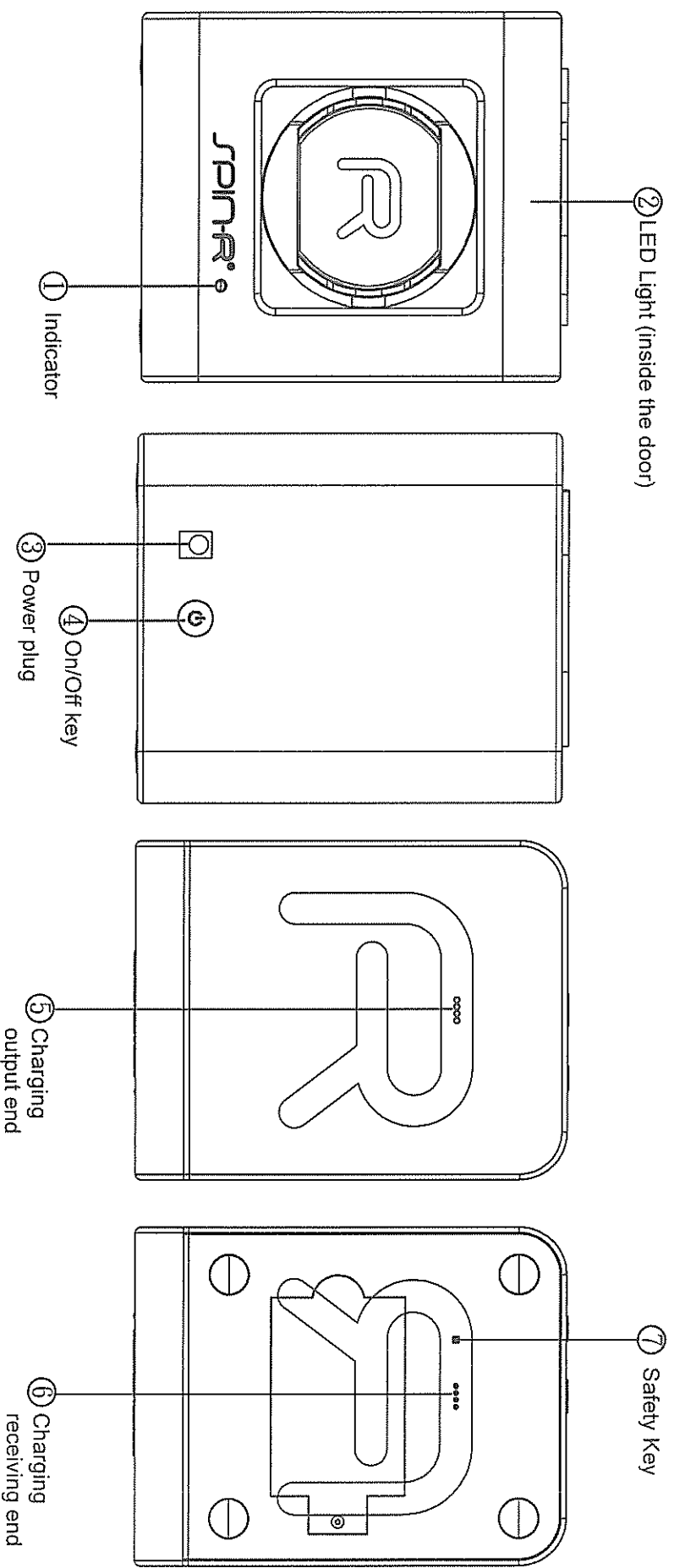
Operation and introduction to the main machine

① Power indictor - Red (flashing):
In the initial state, R² has no setting, such as starting for the first time / reset

- Red (lit up):
When the battery level is reduced to below 20%

- Green (flashing):
A mobile device app is being connected or an identity is being recognized;

- Green (flashing quickly):
An app is sending data to R²

② LED light - When the door is opened, the LED light will be lit up for 30 seconds and then go out;

- When the door is closed, the LED light will be lit up for 30 seconds and then go out;

- After the door is closed, the app can be used to control whether the LED light is lit up or goes out.

③ Power socket - Connected to the external power supply and the original power transformer

④ On/Off key

- Press it once to turn on the machine
  (if there is no setting, the machine will enter the factory setting;
  if there is any setting, the machine will directly enter the operation mode)

- Press it again to turn off the machine

- Press and hold the On/Off key for 5 seconds to restore the factory setting.

⑤ Charging
output end

- When an R^2 is connected on the top of another R^2,
  the folded R^2 are charged simultaneously
  (up to 5 R^2 can be connected simultaneously)

⑥ Charging
receiving end

- It operates and charges the battery after receiving
  the power provided from the bottom R^2.

⑦ Safety key

- The charging receiving end operates only
  when the safety key is in contact with the R^2 below.

- Before the safety key is in contact with the R^2,
  the charging receiving end will not generate current.

- Connect the transformer to the back of the watch winder to charge the battery.

- The R² watch winder should be placed safely and kept away from direct sunshine, heat sources, impact or moist space.

- In order to avoid dangers, unplug the power supply before installing or removing the lithium-ion battery.

Bottom View

Battery
Position

Chargeable
Lithium-ion
battery
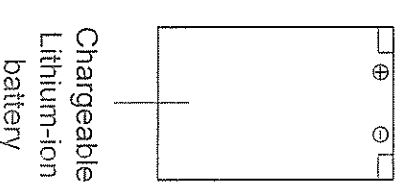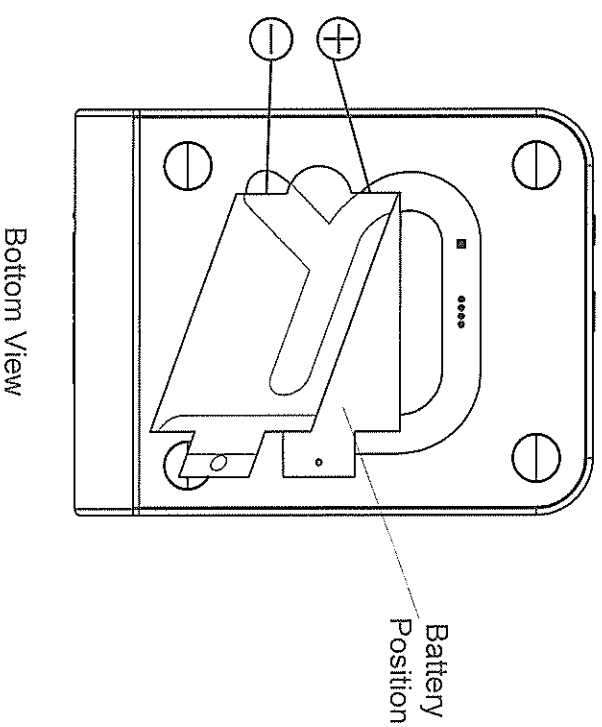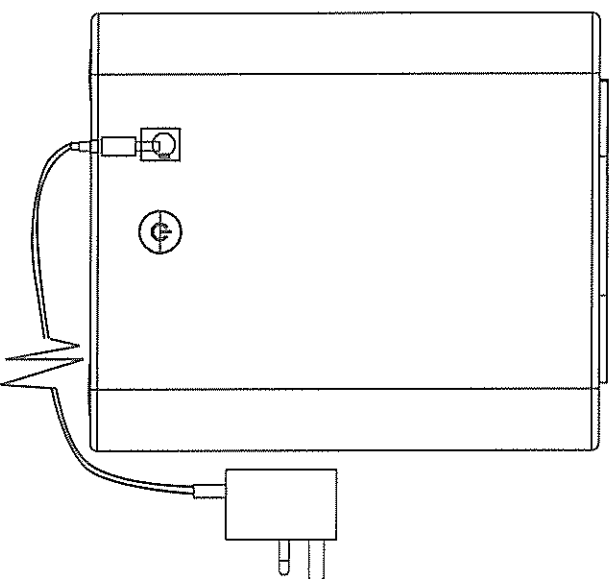
How to put the watch

To put the watch in the holder

- Press the watch holder to the minimum. Mount the watch in the direction shown in the figure below and press the holder again. The holder will extend to tighten and fix the watch belt.

Press

Press
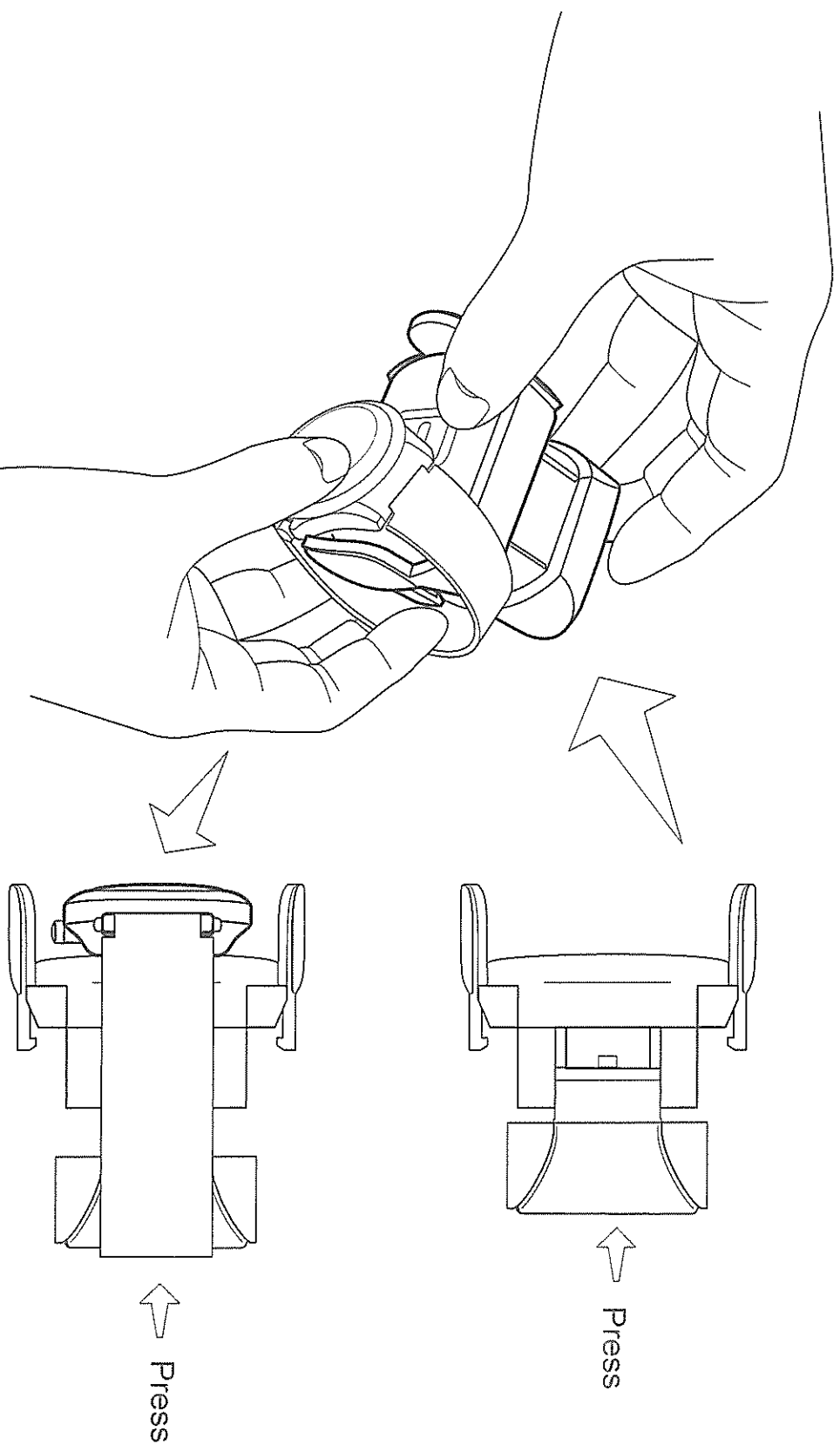
Setup of the watch holder

The watch holder replacement is used to match with watches of different sizes
- Whether the plastic cap on the back of the holder should be removed depends on the size of your watch chain.

Big watch

Small watch

The back of the pad is removable
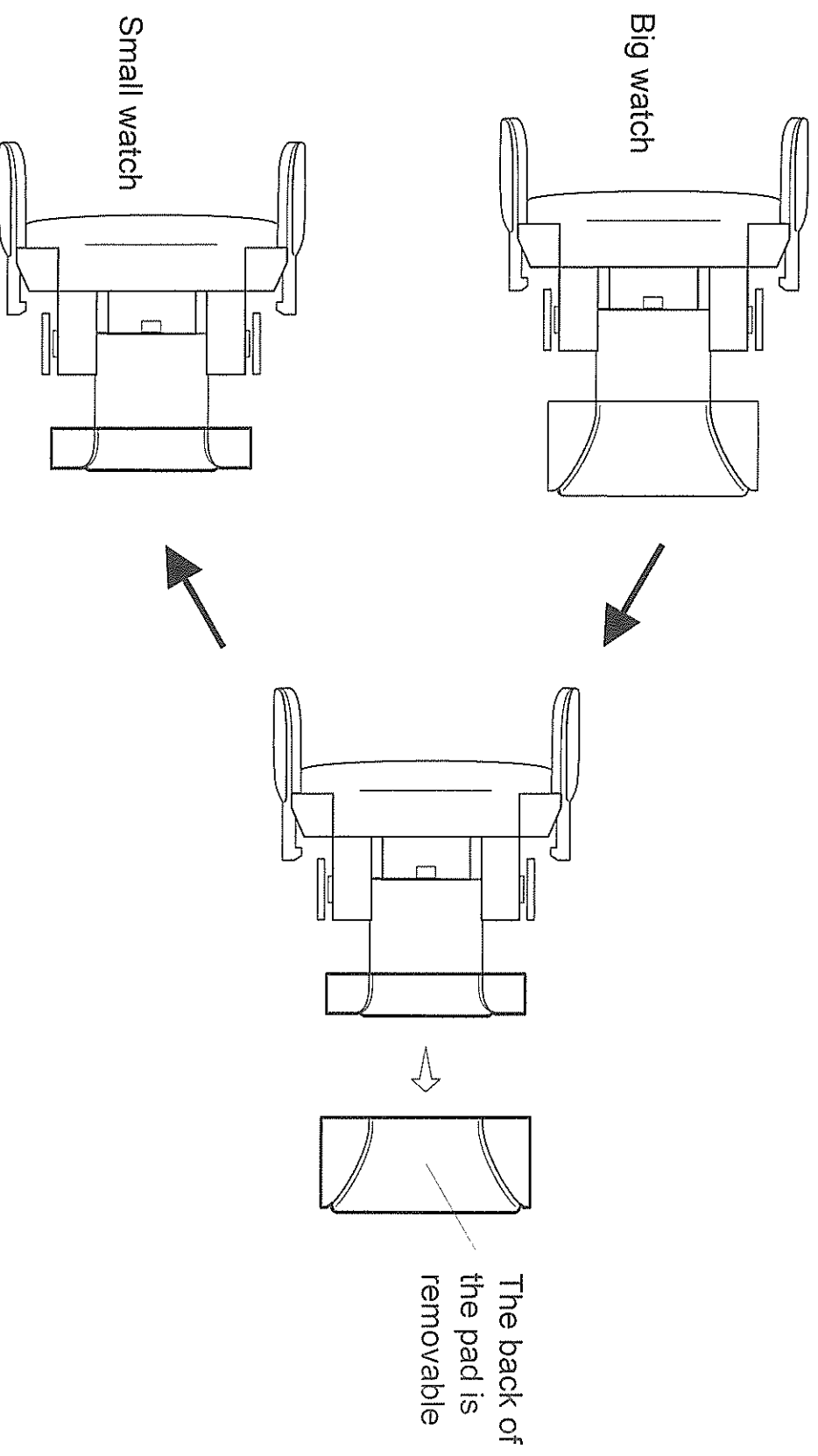
Putting in the watch holder

- Putting in the watch holder, insert along the anti-magnetic turn-disk slot, until it is hooked up firmly (please refer to the figure below).
- Taking out the watch holder, do as per figure below by using your thumb and forefinger to press the watch holder to take out accordingly.

Press softly

Press softly
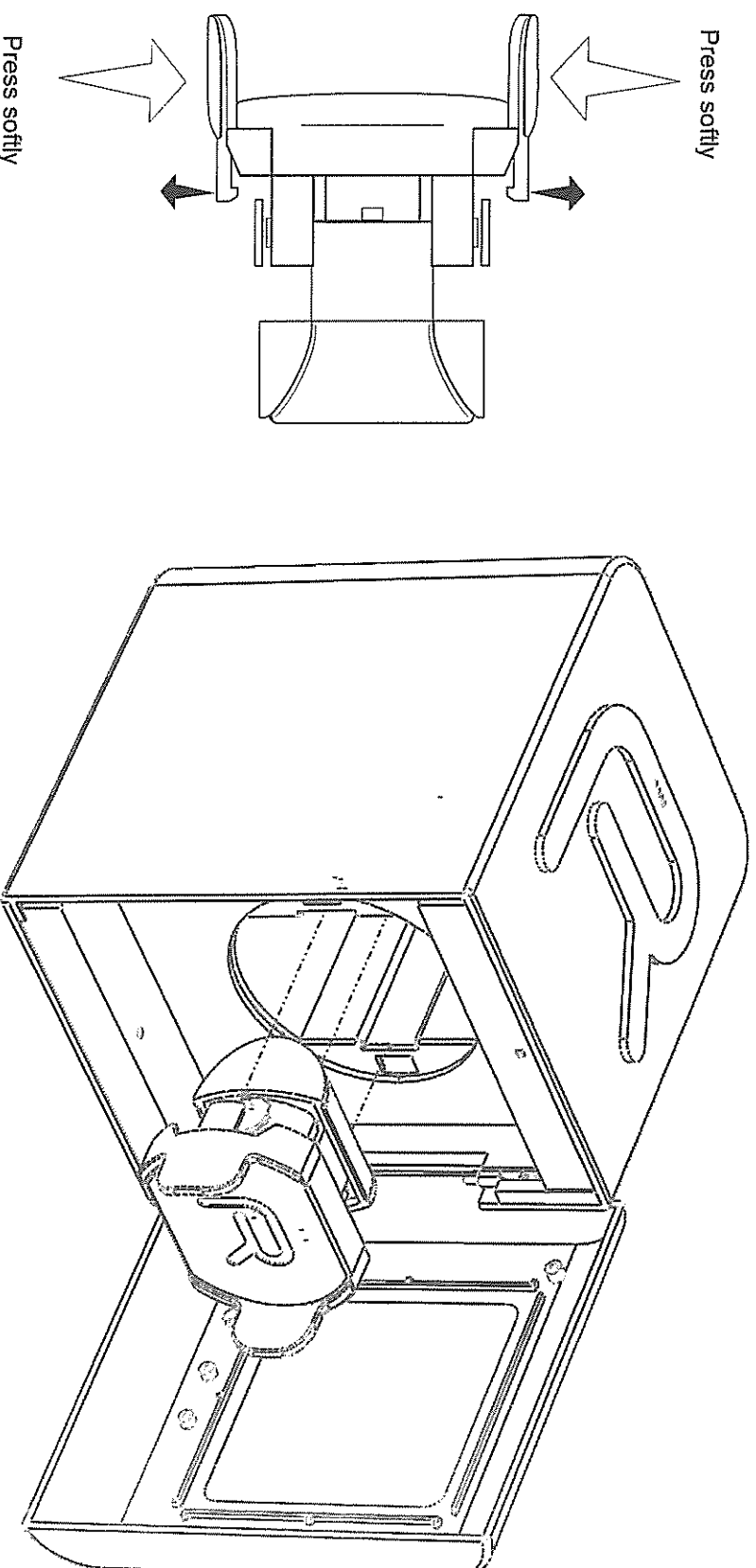
Installation and registration of app

- To install the mobile device control app

1. Turn on "APP STORE" for Apple devices or "PLAY STORE" for Android devices;

2. Input "SPIN-R" in the Search field and click Search;

3. Locate the app SPIN-R and install it.

To start the Blue tooth device of the mobile device

1. In the Setup of the mobile device, enable the Blue tooth device.

(Check that the version of the Blue tooth of your device is 4.0 or above)

To register an R² account

1. Turn on the downloaded app "SPIN-R";

2. Click "Sign Up";

3. Input your email address in the first field;

4. Input your password in the second field;

5. Input your password again in the third field to confirm the password is correct;

6. Please carefully read the agreement and agree our agreement;

7. Click "Sign Up" and the registration will be successful.

Note: When the registration is successful, the app will log in automatically.
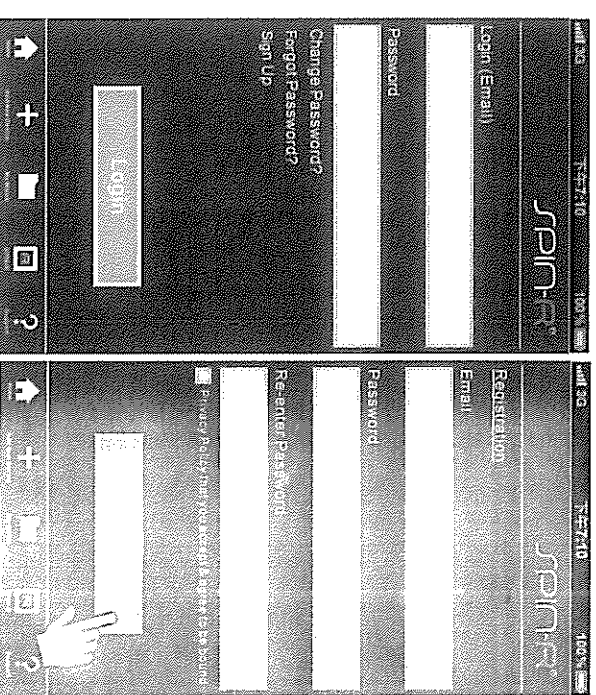
Connection

Select the serial number of the R² product
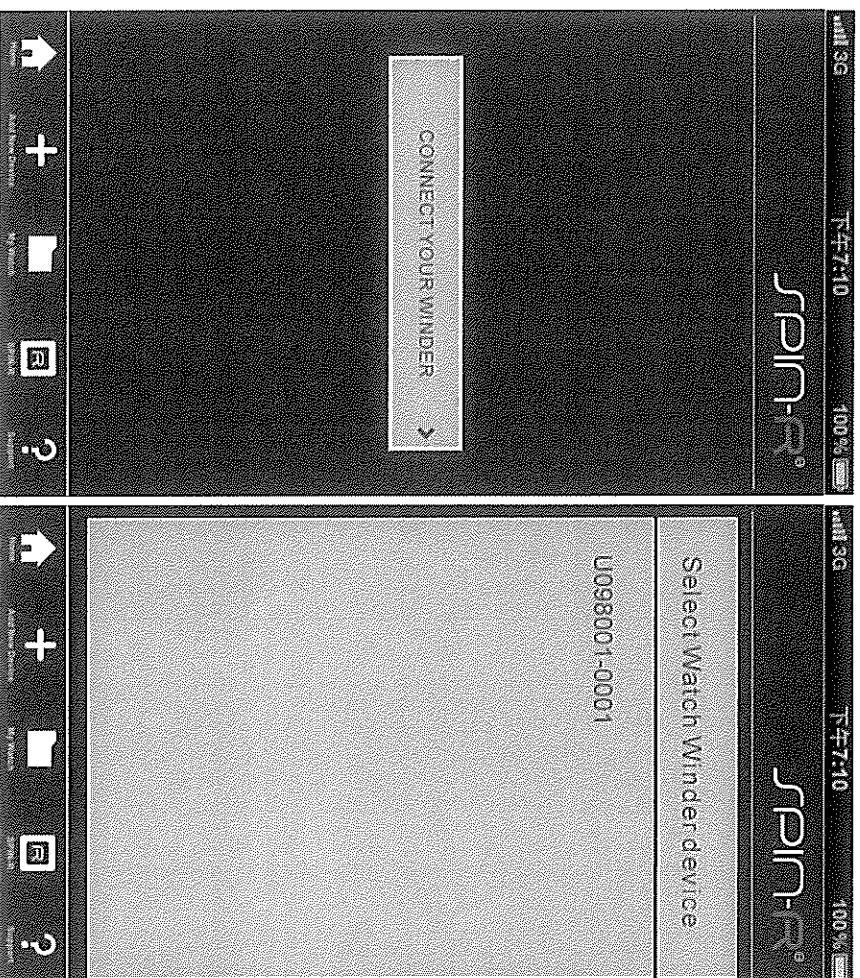
- The receiving range depends on Bluetooth 4.0 and the impact by the onsite environment.
- The serial number is stuck to the bottom of the battery box or the side of the packaging box.

Introduction to app

To control your R² with a mobile device

1. Click "Connect your winder" to enter the "Select Watch Winder Device" interface;

2. The app will search your R² and show the serial no on screen.
Click Connect to enter the following interface : SPIN-R provides four selection modes for you to set the automatic winding of your watch
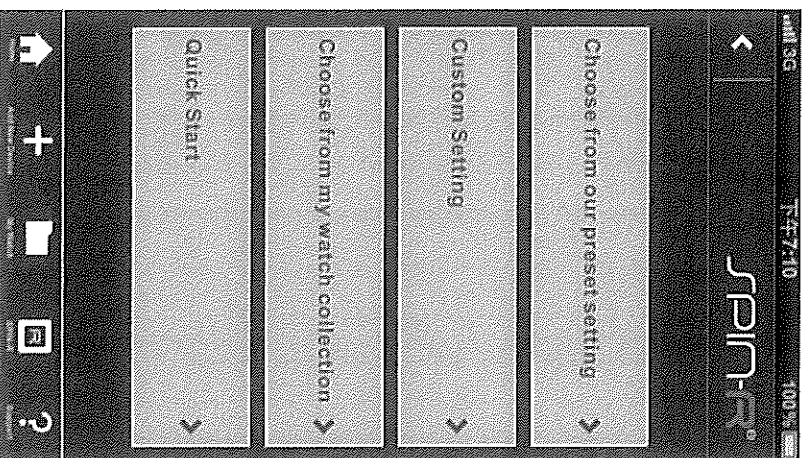
Choose from our preset setting —— Most of the collection of mechanical watch brand and model of the demand in the database Chain of revolutions and direction of rotation, allowing users to more easily set the chain on the watch.

Custom Setting —— If you do not fit the model in the database, you can enter your own proper number of revolutions and direction of rotation.

Choose from my watch collection —— Every set watches models will be saved in order to extract the replacement watch.

Quick Start —— Provides a quick setup, for the majority of mechanical watches use.

Choose from our preset setting
Select a watch from the menu

-Select the brand of your watch
This allows you to select the brand of your watch from the menu.

-Select the model of your watch
This allows you to select the model of your watch from the menu.

-Take a picture of your watch
Select a picture of your watch from the mobile phone or take a picture with the mobile phone.

-Save
Press "SAVE" to save your setting.

Custom setting
Personal setting

-Enter the brand of your watch
This allows you to select the brand of your watch from the menu.

-Enter the model of your watch
Select the model of your watch.

-Take a picture of your watch
Select a picture of your watch from the mobile phone or take a picture with the mobile phone.
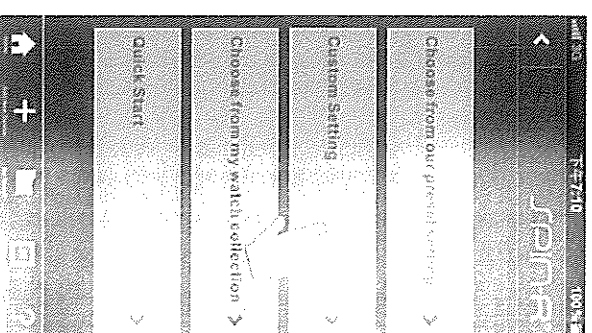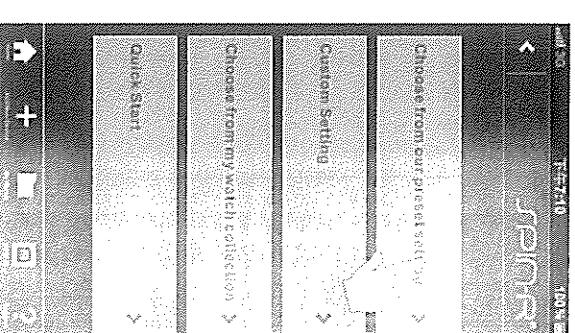
-Save
Press "SAVE" to save your setting.

Choose from my watch collection

- This allows you to select the setting of your watch from the saved settings.
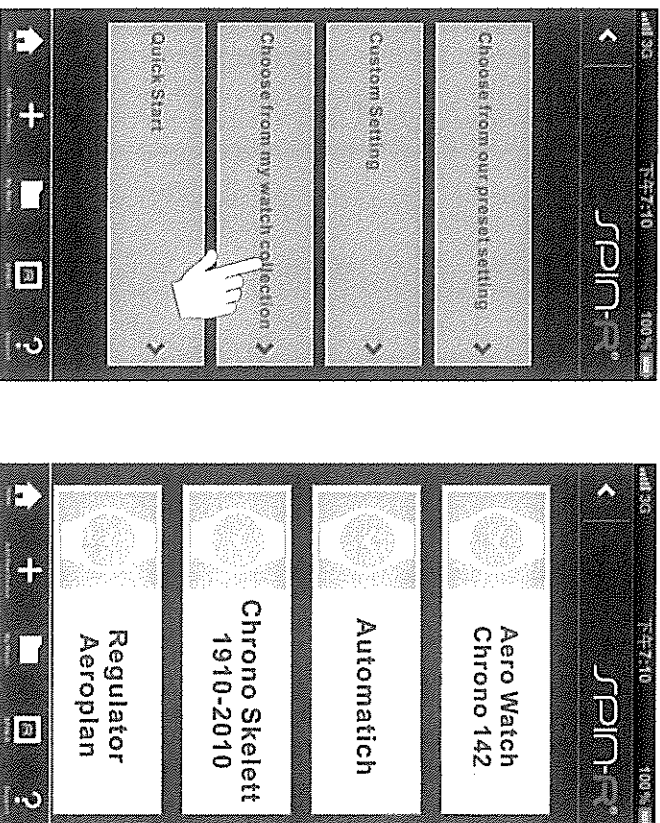
Quick Start

- Automatic mode (the setting can't be adjusted)

The number of turns per day is 900 turns

After turning to the left and to the right for 3 minutes and 35 seconds respectively, it stops for 52 minutes and 50 seconds. Such operation is circular.
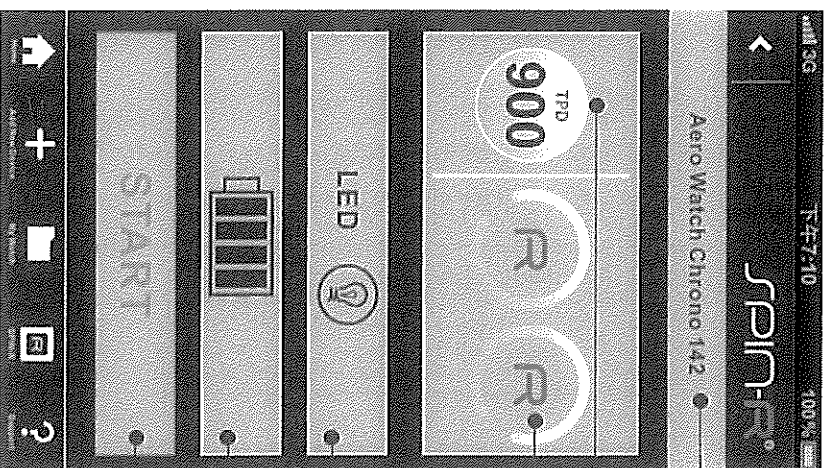
The brand and model of your watch

Turns per day (TPD) of the watch winder

The icon indicates turning left or right

In which, the Custom Setting mode allows you to change the TPD and direction to your preferences. For other three modes, we have selected the most suitable parameters for you and such parameters can't be changed.

The switch of the LED light allows you to turn on or off the LED light

Battery consumption

Four bars of the battery icon indicate that the battery is full
One bar of the battery icon indicates that the battery needs to be charged
When the external power supply is plugged in,
the battery icon will display one bar to three bars circulative.

Start / Stop the watch winder running

Introduction to the bottom menu bar

HOME
- Return to the selection screen of your R²device.
- Watch chain management on existing devices.
- Slide the corresponding model to the left to select an item to delete.

ADD NEW DEVICE
- Add an R²device.

MY WATCH
- Manage the current model and setting of the watch.
- Slide the corresponding model to the left to select an item to delete.

SPIN-R
- Browse the SPIN-R products

SUPPORT
- Instruction manual
- Terms and conditions
- Privacy Policy
- Change Password
- Logout   Click Logout and the current SPIN-R account will exit

FAQs

Most problems of R2 can be solved quickly by referring to the suggestions set forth in this section.
If you need other tips and troubleshooting information, please contact us (enquiry@spin.com).

Troubleshooting?

If R2 does not react, check:
- Whether the battery capacity is enough or connect the external power supply.

Want to reset all settings of R2?

You can reset all settings of R2 to the factory setting.
- Press and hold the Power button for 5 seconds, and the factory setting of R2 will be restored.

Fail to login?

1. Please check whether the network connection of the device is correct
2. whether the login name and password are correct
   - When the login fails/ the mobile device loses network connectivity, the following messages will appear:(Picture a)
     1. Under the Login (Email) field, click "Forgot password".
     2. The system will ask you to input your email address once.
     3. The system will send a link to your registered email address.
     4. Follow the guide of the link to reset your password.

The battery can't be charged?

The system has been set to start the charging function only when the battery capacity is reduced to 80%.
- Check that the power supply is correctly connected.
- Ensure that the original transformer is being used.

(Picture a)

Login(Email)

Password

Change Password?
Forgot Password?
Sign Up
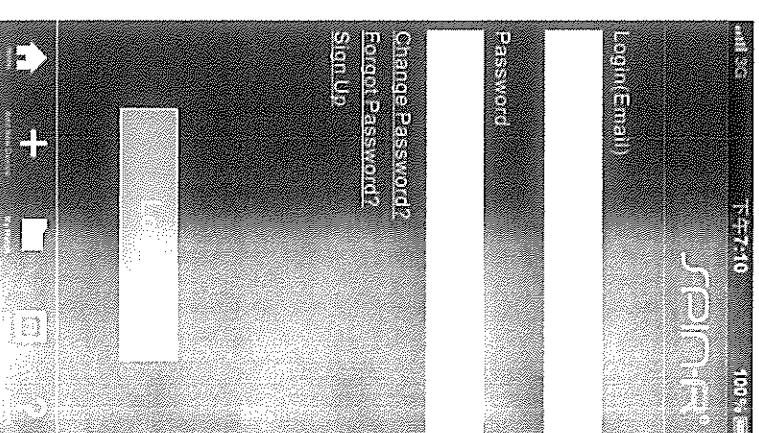
Maintenance and precautions

Store R2 at an appropriate temperature. Use it at 20°~40°C (32°~104°F).

Keep the appearance of R2 clean. Wipe it with a soft cloth. Do not use any cleaning solvent.

Keep any metallic contact of the machine away from moist.

Do not turn the dial yourself.

The weight of the watch put in R2 shall not exceed 500 g.

Do not unscrew the screws of the machine or open it to attempt to repair it.

Ensure that the original battery and transformer are used.

The bottom of the placement must not be in contact with conductive objects or water.

When you request for repair or claim for compensation during the warranty period, please use the original package to avoid damage during transportation.

TPD specification

TPD specification

TPD	Turn clockwise	Turn counterclockwise	Turn clockwise and counterclockwise	Rest time
650	5:16 min	5:16 min	2:38 min/2:38 min	54:43 min
700	5:40 min	5:40 min	2:50 min/2:50 min	54:20 min
750	6:00 min	6:00 min	3:00 min/3:00 min	53:57 min
800	6:24 min	6:24 min	3:12 min/3:12 min	53:35 min
850	6:46 min	6:46 min	3:23 min/3:23 min	53:12 min
900 (DEFAULT)	7:10 min	7:10 min	3:35 min/3:35 min	52:50 min
950	7:32 min	7:32 min	3:46 min/3:46 min	52:27 min
1000	7:54 min	7:54 min	3:57 min/3:57 min	52:05 min
1050	8:18 min	8:18 min	4:09 min/4:09 min	51:42 min
1100	8:40 min	8:40 min	4:20 min/4:20 min	51:19 min
1150	9:02 min	9:02 min	4:31 min/4:31 min	50:56 min
1200	9:26 min	9:26 min	4:43 min/4:43 min	50:34 min
1250	9:48 min	9:48 min	4:54 min/4:54 min	50:11 min
1300	10:10 min	10:10 min	5:05 min/5:05 min	49:48 min
1350	10:32 min	10:32 min	5:16 min/5:16 min	49:25 min
1400	10:56 min	10:56 min	5:28 min/5:28 min	49:03 min
1450	11:20 min	11:20 min	5:40 min/5:40 min	49:40 min
1500	11:42 min	11:42 min	5:51 min/5:51 min	48:18 min
1550	12:26 min	12:26 min	6:13 min/6:13 min	47:33 min
1600	12:48 min	12:48 min	6:24 min/6:24 min	47:10 min
1650	13:12 min	13:12 min	6:36 min/6:36 min	46:48 min
1700	13:36 min	13:36 min	6:48 min/6:48 min	46:24 min
1750	13:56 min	13:56 min	6:58 min/6:58 min	46:02 min
1800	14:20 min	14:20 min	7:10 min/7:10 min	45:40 min

* This test is based on the data of a watch below 400G when the transformer is being used.

* The data slightly vary depending on the weight of the watch.

FCC Statements:

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.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or 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 technician for help.

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 my cause undesired operation.

MODIFICATION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.