



PowerWatch™



USER MANUAL

SERIES 2

TABLE OF CONTENTS

Keys	2
Initial Setup	4
Power Off and Factory Reset	6
Navigating from the Home Screen	8
Read Notifications	9
Status Widgets	11
Start an Activity	14
Thermoelectric Power	17
Charging the Battery	18
Regulatory Statements	20
E-Label	23

KEYS

Key Functions



Scroll up through the widgets, data screens, options, and settings.



Select options.



Scroll down through the widgets, data screens, options, and settings.



Go back to the previous screen.

Alternate Key Functions

	 Enter Notification Mode from the home screen.
	 Enter Widgets Mode from the home screen. Turn the watch on and off from the menu.
	 Enter Activity Mode from the home screen.
	 Hold for 3 seconds to turn the backlight on and off.
 	 Hold both buttons for 7 seconds to turn on the watch for the first time.

Status Icons

 Notification	 Do Not Disturb Mode
 Airplane Mode On / Bluetooth Mode Off	 GPS Signal Strength

INITIAL SETUP

Turn on the Watch



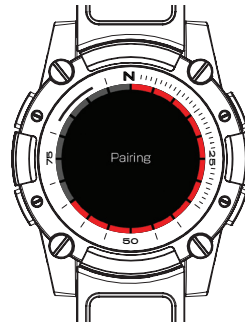
Press and hold DOWN and BACK for 7 seconds to turn the watch on. This only applies to turning on the watch for the first time.

When the watch is powered on, it will display the logo splash screen.

Release the buttons when the splash screen appears.

Pair with Smartphone

Only applicable for initial set up. If the watch has been previously paired, this step will be automatically skipped.



After the watch is powered on, a screen with a QR code will be displayed.

Scan the QR code using a smartphone and the pairing screen will appear.

POWER OFF AND FACTORY RESET

Power off

The watch can be powered off in two ways:

Soft Power-off

1. Use UP and DOWN to scroll through the widgets to the settings menu.
2. Press SELECT to enter the settings menu.
3. Use DOWN to scroll through to the “Power Off” option.
4. Press SELECT to power off.



Hard (Forced) Power-off

The watch can be powered off in any state by pressing and holding buttons DOWN and BACK for 7 seconds.

Factory Reset

A factory reset removes all installed apps, clears custom settings, and restores the watch to its factory default settings.

1. Press DOWN to scroll through the widgets to the settings menu.
2. Press SELECT to enter the settings menu.
3. Press DOWN to scroll through to the “Reset” option.
4. Press SELECT to reset.



NAVIGATING FROM THE HOME SCREEN



UP

Read Notifications

e.g. Reply to messages or reminders.



SELECT

Start an Activity

Walk, run, cycle, etc.



DOWN

Status Widgets

e.g. Steps, heart rate, sleep, calories, and settings.



BACK

Go back to the previous screen.

READ NOTIFICATIONS

Enter Notification Mode



Push UP to enter the Notification Mode.



Push UP or DOWN to scroll through notifications.

Push SELECT to take actions for each notification.



Push UP or DOWN to scroll through action options.

Push SELECT to choose an action option.



Push BACK to return to the previous screen.



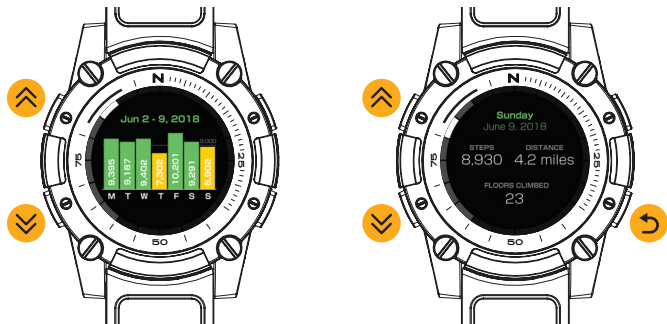
Push DOWN to start checking user status.

Push UP or DOWN to scroll through widgets.



Push BACK to return to the home screen.

Push SELECT to check detailed stats.



Push UP or DOWN to scroll through detailed stats.

Push BACK to return to status widgets.



TIME



STEPS



CALORIES



HEART RATE



SLEEP TRACKER



SETTINGS

START AN ACTIVITY

Enter and Choose an Activity Mode



Push SELECT to enter and exit an Activity Mode.



Push UP or DOWN to scroll through Activity Modes.



Push SELECT to enter an activity.

Settings within an Activity Mode



Push SELECT to start and pause an activity.



Push BACK to return to the previous mode.



Push UP or DOWN to scroll through the parameters.

Push BACK to return to the previous screen.

THERMOELECTRIC POWER

The PowerWatch requires a temperature differential with the ambient air to charge its internal battery. It generates more power when the air is cooler and when your skin is warmer from being active. The chart below shows how fast the PowerWatch charges its internal battery at different air temperatures.

The PowerWatch charges its battery the fastest when you are active (walking or running), and when the ambient temperature is below 80°F (26°C). Above 90°F (32°C), the PowerWatch cannot charge its internal battery.

	Air Temperature		
	60°	70°	80°
Sitting	Quickly	Slowly	No
Walking	Very Quickly	Quickly	Slowly
Running	Very Quickly	Very Quickly	Quickly

CHARGING THE BATTERY



Matrix offers a thermal charging pad as backup solution. To use the charging pad:

1. Place the charging pad on a flat surface.
2. Plug it into the power adapter.
3. Plug the adapter into a power outlet.
4. The wireless charging pad contains magnets that automatically align to the watch when properly positioned.

LED Indicator

Triple-Blink Yellow	Initializing
Solid Green	Charging
Solid Yellow	Fully charged
Blinking Red	Not charging



Caution: Use only PowerWatch-approved chargers, batteries, and cables. Unapproved chargers or cables can cause damage or make the battery explode.

Use the supplied wireless charging dock and charger. PowerWatch cannot be charged properly with a third-party charger.

Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

GPS & Battery Life

GPS should only be used for 30 minutes per day; otherwise, it will slowly deplete the battery.

The battery can store GPS minutes that are not used one day to roll over to another day (e.g. if the GPS is not used at all one day, the next day you can use the GPS for up to an hour).

Solar Power

The solar cell generates up to 1000x more power with direct sunlight than with dim indoor light.

REGULATORY STATEMENTS

US

FCC STATEMENT

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 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CANADA

IC STATEMENT

Model Name/Product Market Name: PowerWatch Series 2

This device complies with Industry Canada licence-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.

Nom du modèle / Nom du produit du marché:
PowerWatch Series 2

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CHINA

- a) Manufacturer's name: Matrix Industries Inc.
- b) Manufacturer's name & address: Matrix Industries Inc. 1455 Adams Drive, Suite 1190 Menlo Park, CA 94025 USA
- c) Model Name/Product Market Name: PowerWatch Series 2

智能手表

型号: PowerWatch Series 2

CMIT ID:

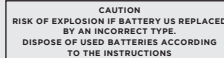
Matrix Industries 公司

EU

1. Safety

- a) Product Type: Short range device
- b) Software version: PowerWatch 2 Android App v3.00.00; PowerWatch 2 IOS App v3.00.00
- c) Number of equipment and key component in the DOC is 2: PowerWatch Series 2 and TC03 (Wireless Thermal Charger)
- d) Rated Voltage: 3.85V DC, Battery Type: Lithium-ion Polymer (3.85V, 350mAh)
- e) Model Name/Product Market Name: PowerWatch Series 2
- f) Made in China
- g) Operation Temperature: -10oC to 45oC max
- h) 20 ATM
- i) Manufacturer's name: Matrix Industries Inc.
- j) Manufacturer's name & address: Matrix Industries Inc. 1455 Adams Drive, Suite 1190 Menlo Park, CA 94025 USA
- k) Importer Name: Matrix Industries Inc. Address is: Nijverheidsweg 27, 3274 KJ Heinenoord

0186-612267, The Netherlands .VAT number is NL825573026B01.



2. RF & EMC

CE-RED Requirement

- 1) Accessory: wireless charging pad model name: TC03. Operation freq.: 150KHz. Operation power: 2.5W. Operation voltage: 5V
Maximum transmit power of WPT is -5dBuA/m@10m.
- 2) Frequency band(s) = 2402-2480MHz
- 3) Maximum radio frequency power transmitted in the frequency band(s) = 4dBm or 2.5mW
- 5) Declaration of Conformity Inserts:
Hereby, Matrix Industries Inc, declares that the radio equipment type [designation of type of radio equipment] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.powerwatch.com/declaration.pdf
- 7) This equipment may be operated in:

BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR
HR	IT	CY	LV	LT	LU	HU	MT	NL	AT
PL	PT	RO	SI	SK	FI	SE	UK		

TAIWAN

- a) Manufacturer's name: Matrix Industries Inc.
- b) Manufacturer's name & address: Matrix Industries Inc. 1455 Adams Drive, Suite 1190 Menlo

Park, CA 94025 USA

c) Model Name/Product Market Name:

PowerWatch Series 2

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Low power radio wave radiating motor
management method

Article 12

A low-power RF motor that has passed the type approval shall not change the frequency, increase the power or change the original design features and functions without permission.

Article 14

The use of low-power RF motors shall not affect flight safety and interfere with legal communications; if interference is found, it shall be immediately deactivated and improved until no interference is required. Legal communication in the preceding paragraph refers to radio communication operating in accordance with the provisions of the Telecommunications Act. Low-power RF motors must withstand interference from legitimate communications or radiological electrical equipment for industrial, scientific, and medical use

JAPAN



203-JN1005

INDONESIA

RUSSIA



VIETNAM



THAILAND

"This telecom device and equipment is conformed to requirement to NTC"

"เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทช."

MALAYSIA

PHILIPPINES

INDIA

E-LABEL

Please go to the settings menu on the device to view the E-label screen.

