

Safety tips-please read them carefully before using

1.How to guide

1.1 Maintenance

- Storage: please place the product in a cool place, do not place in dangerous environment, extrusion, pressure, high temperature, low temperature, high humidity, easy to fall, hard hit, etc. .
- Do not remove the watchcase by yourself

1.2 how to use

- Before use: Please make sure the power supply is sufficient
- Do not give the product to children under 8 years of age.
- This product is made of non-toxic materials. If any discomfort occurs during use, please remove the product and seek professional medical advice.
- Wear the product on your wrist and be aware of the risks associated with wearing it in a way that suits you or is comfortable for you.
- If you do not understand the information please be sure to contact , the purchase of dealers and business representatives or to ask us.

2. Full display and identification, Key functions

A key
LIGHT



D key
+/START/STOP

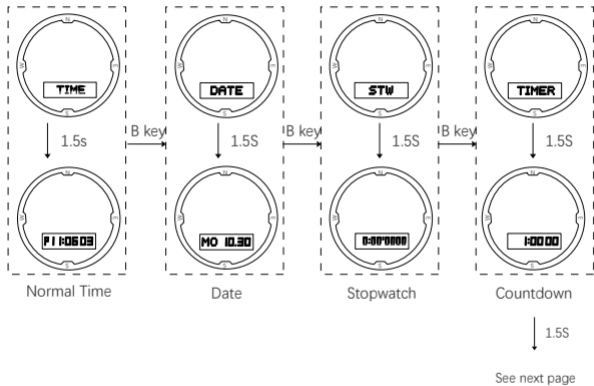
B key
MODE/SET

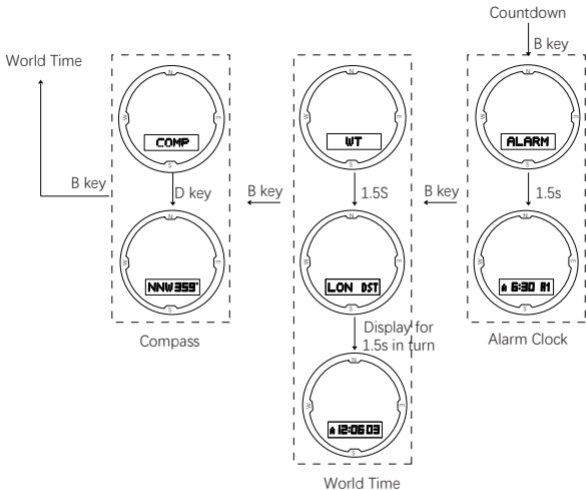
C key
-/RESET

- Solar charging function
- LCD synchronize with hands time
- Fully automatic calendar (2000~2099) week, month, day
- 12/24hour system
- Alarm function
- World time function (48 cities)
- Countdown timer function
- 1/100 stopwatch function(Range: 99 hours 59 minutes 59.99 seconds)
- Compass function
- EL backlight
- Key sound (When battery power is low, system will automatically prohibit key sound, and no key sound in operation)

2.1 General operation:

Click B to switch mode, as shown below:

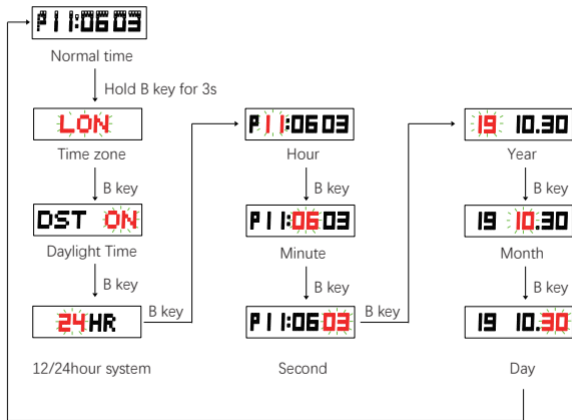




In any mode, press the A key to illuminate EL for 3 seconds
 (When battery power is low, pressing A key and low battery power icon L level will flash for 5 seconds)

2.2 Normal Time and Date Settings

In normal time mode, hold down the B key for 3 seconds to enter the time and date setting mode, press the B key to move the setting item, the order is as follow:



- Press D or C key to select time zone.
- Press D or C key to turn on or off the DST.
- Press D or C key to select 12 or 24hour system.
- Press D key to increase the value, hold down D key to increase the value quickly.
- Press C key to decrease the value, hold down C key to decrease the value quickly.
- Press D or C key can clear second to "0", (The second in world time will clear "0" synchronously.)
- During the setting, hold down the B key for 2 seconds to confirm and return to normal time mode
- If no any key operation in 1 minute, it will confirm and return to normal time mode automatically.

Note: After adjusting the LCD digital time, the hands time will change synchronously. If the battery power is low, the system prohibits hands running automatically and hands time will not change synchronously.

2.3 Stopwatch Mode

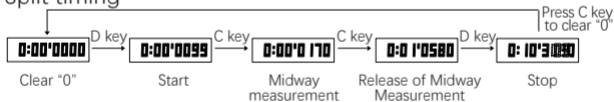
- Stopwatch timing range: 99 hours 59 minutes 59.99 seconds, when reach the maximum limit, stopwatch will automatically stop timing
- In stopwatch mode, press D key to start or stop. When it stops, press C key to clear "0".

- Split time: When stopwatch is running, press C key to enter split time, press D key to stop and display total time, then press C key to clear "0".
- Two players' completion time: When stopwatch is running, press C key to display completion time of player 1, press D key to start measurement of completion time of player 2, then press C key to display completion time of player 2, press C key to clear "0".

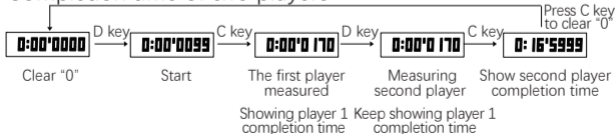
Stopwatch mode



Split timing

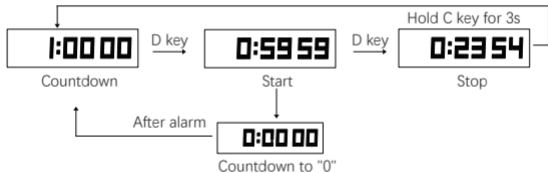


Completion time of two players



2.4 Countdown Mode

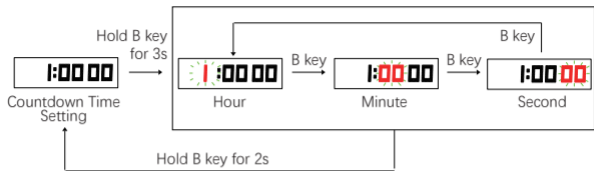
- Countdown range :99 hours 59 minutes 59 seconds
- In countdown function mode, click D to start or stop
- When the countdown stops, hold down the C key and value flash for 3 seconds, then return the set value
- When the countdown time reaches "0:0000", it will ring for 10 seconds, press any key to stop the alarm and the countdown time will automatically return to the set value



Note: When battery power is low, system prohibits alarm automatically, there will be no alarm sound when countdown to "0", at the same time, the low battery power icon L level will flash for 10 seconds.

Countdown Setting:

When the countdown stops, hold down the B key for 3 seconds to enter the countdown setting, press the B key to select the adjustment item, the order is as follow:



Press D key to increase the value, hold down D key to increase the value quickly.

Press C key to decrease the value, hold down C key to decrease the value quickly.

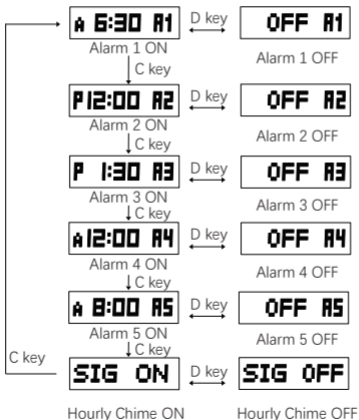
During the setting, press B key for 2s to confirm and return to countdown mode.

If no any key operation in 1 minute, it will confirm and return to countdown mode automatically.

2.5 Alarm Mode

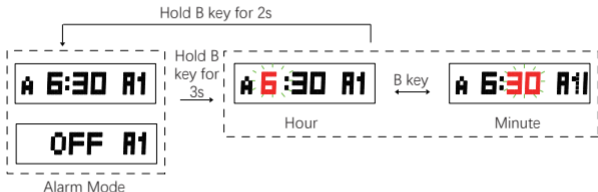
Alarm ON or OFF:

Press the C button in alarm mode to select 5 sets of alarm clocks and hourly chime, press the D button to turn ON or OFF the alarm as shown below:



Alarm setting

In alarm 1 to alarm 5 modes, hold down the B key for 3 seconds to enter the setting mode, press the B key to select the setting item, the order shown below:



- Press D key to increase the value, hold down D key to increase the value quickly.
- Press D key to increase the value, hold down D key to increase the value quickly.
- During the setting, press B key for 2s to confirm and return to alarm mode.
- It will return to alarm clock mode if no any key operation in one minute.
- If the alarm is turned ON, it will alarm for 20 seconds and the alarm time will flash when reach alarm time. Press any key to stop alarm.

If the alarm is turned ON, it will alarm for 20 seconds and the alarm time will flash when reach alarm time. Press any key to stop alarm.

2.6 World Time Mode

In world time mode, press the C or D key to view different city time as shown below:



Hold down the D or C key to quickly change the time zone

Daylight saving time ON and OFF:

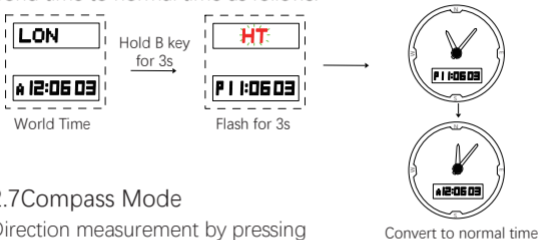
In world time mode, press and hold the A key for 3 seconds to enter daylight saving time setting mode, press the D key to turn ON or OFF daylight saving time as shown below:



It will return to world time mode automatically if no any key operation in one minute.

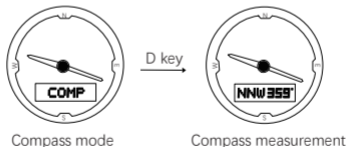
Setting world time to normal time (local time):

In world time mode, hold down the B key for 3s and convert the world time to normal time as follows:



2.7 Compass Mode

Direction measurement by pressing the D key in compass mode



Place the watch horizontally, the minute hand pointing north, the hour hand pointing south.

Turn the watch to make it display "N", the 12H direction is north

The following table illustrates the meaning of abbreviations in

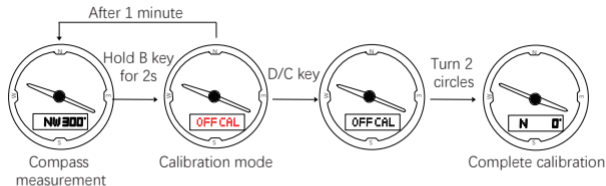
Direction	Meaning	Direction	Meaning	Direction	Meaning	Direction	Meaning
N	North	NNE	North - northeast	NE	Northeast	ENE	East - northeast
E	East	ESE	East - southeast	SE	Southeast	SSE	South - southeast
S	South	SSW	South - southwest	SW	Southwest	WSW	West - southwest
W	West	WNW	West - northwest	NW	Northwest	NNW	North - northwest

If no any key operation in 1 minute, it will exit measurement mode automatically, then press D key to re-measure.

Remark: when battery power is low, the system prohibits compass function. If enter compass mode, press D key and the low battery power icon L level will flash for 5s, the compass can't be used.

Compass Correction Mode (OFF CAL)

When the compass is first used, a correction is required as follow:



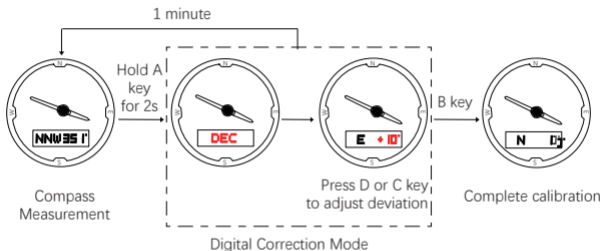
- In compass mode, hold B key for 2s to enter (OFF CAL) calibration mode. Pressing D or C key, then turn watch slowly, clockwise or anticlockwise are both ok. After turning for 2 circles in the same direction, the watch will exit calibration mode and return to compass measurement mode. Note: After changing battery, the first time you use compass, it will enter automatic calibration mode. Please turn the watch more than two circles according to the above method to calibrate compass.

- In calibration mode, if no any key operation in 1 minute, it will exit automatically and return to measurement mode

Note: When battery power is low, the system prohibits compass function. If enter compass mode, press A key and low power icon L level flash for 5s and can't enter calibration mode.

Digital Correction Mode (DEC)

After the above (OFF CAL) correction, if there is still a deviation, you can follow the below method for digital correction



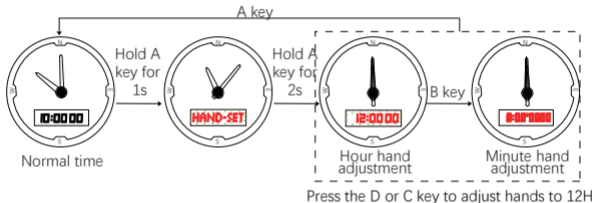
- In compass mode, press A key for 2s to enter (DEC) digital calibration mode, press D key to make the setting value plus 1, press C key to make the setting value minus 1.
- Maximum correction angle range $\pm 90^\circ$ (" W ""E " $\pm 90^\circ$)
- Hold B key to confirm calibration value and return to measurement mode.
- In digital correction mode, if no any key operation in 1 minute, it will exit automatically and return to measurement mode

Note: When battery power is low, the system prohibits compass function. If enter compass mode, pressing A key, low power icon L level flash for 5s and can't enter calibration mode.

Hands Correction

When the hand time is inconsistent with the digital display time, the following method can be used to correct it.

In normal time mode, hold down the A key for 3 seconds to enter hands correction at 12:00 state.



- Press the D key to adjust the hand to forward one step, hold down the D key for quick adjustment, release the D key to stop
- Press the C key to adjust the hand back 1 step, hold down the C key for quick adjustment, release the C key to stop.
- Press the B key to convert the hour hand or minute hand.
- Adjust the hand to 12:00 and press the A key to confirm, the hand time will automatically synchronize with the digital time.

Note: When battery power is low, the system prohibits hands correction function. In normal time mode, hold A key and there is low power icon L level flash for 5 seconds, can't enter hands correction mode.

2.8 Battery Power Checking

- In normal time mode, press and hold the C and D keys at the same time to display battery power for 2s. If the power is at level 2 and level 3, all functions can be used.
- When battery power is at level L, the hands will return to 12:00. At the same time, the low power icon L level will flash for 1 minute (press any key the LCD will display normal time)
- When battery is at level L, system will automatically disable the key sound, alarm sound, countdown sound and hands correction, compass correction, compass, these functions can't be used.
- When battery is ultra-low, low voltage symbols and prompt charging characters (CHARGE) flashing for 30s in turn, which means power will be running out. LCD display entering sleep state. Press any key, the low voltage symbols and prompt charging



Level 3



Level 2



Level 1



Ultra-low



Each take turn showing for 1.5s



When the battery runs out, all functions of this watch will stop.

After charging, functions can resume work, but all data stored in the watch will disappear. Therefore, you must reset the time and date after charging

Note: If you find the hands can't back to 12:00 at low power, you must correct hands back to 12:00 after charging for normal use.

3.Solar battery Description

- Solar battery is installed to generate electricity by using light energy and can store the generated energy into the built-in battery. Usually the battery does not need to be replaced, but after several years of use, its charging capacity will gradually decrease and it can't be fully charged. If you find that the battery can't be fully charged, you can only replace the battery model as Panasonic (CTL1616); replacing the battery will delete all the information in this watch memory.
- Checking the battery indicator can display the battery power state
- Power ultra-low indicator is used to represent the battery power is very low. It will automatically enter the sleep state to save power after flashing for 30 seconds. Press any key to restore 30s flashing display, which remind you that you must immediately place it in light for charging.
- When the batteries run out, all functionality will be stopped. After charging, every function can resume operation, but all data stored in the watch will disappear. Therefore, after charging to level M, you must reset the time and date, and calibrate the hands and compass.

4.Operation caution:

- When the watch is fully charged, in total darkness, it will run about 1.5 months
- After 1.5 months of storage in a dark place, the watch must be charged at least above M level and re-setting the correct time before use

5.Charging time refer to the following tables 1

Illumination	2500LUX (charging about 20 cm under 13 incandescent lamps)	5000LUX (about indoor window charging)	10000LUX (charging around outdoor shade)	50000LUX (charging around sunny outdoors)
One day usage power	1.49hours	49minutes	25minutes	7minutes
Half battery power charging	42.2hours	23.2hours	11.8hours	6hours
Fully battery power charging	84.4hours	46.4hours	23.6hours	14hours

6.Attention to Charging

- In some cases, charging causes overheating in this watch, please avoid placing this watch in below place for battery charging.
- Car dashboard exposed to direct sunlight
- Car dashboard exposed to direct sunlight
- Note that the temperature of this watch overheating will cause the LCD screen extinguished, after the watch temperature decrease, it should return to normal display.
- Charging the battery directly under the sun will cause the watch to be hot. Please take care to avoid scalding.

7.Important Tips:

Long-term store this watch in a darkness place or covered by clothing, its power will be exhausted. Please let it catch the light as often as possible.

8. Quality Standards

- Working temperature: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Operating voltage: 2.4V
- Accuracy: ± 30 seconds/month
- Compass accuracy : ± 11 degree
- Compass accuracy: ± 11 degree

9. Disclaimer

user responsibility

This device is for recreational use only. The NORTH EDGE EVOQUE is not intended for measurements and specifications that are required to meet professional or industrial grade requirements

Table of Contents

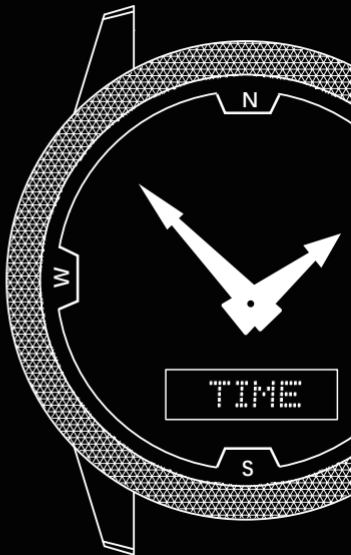
Safety Tips	1
1. Getting Started	1
1.1 Maintenance	1
1.2 How to use	1
2. Full display and identification, Key functions	2
2.1 General operation	3
2.2 Normal Time and Date Settings	5
2.3 Stopwatch Mode	6
2.4 Countdown Mode	8
2.5 Alarm Mode	10
2.6 World Time Mode	12
2.7 Compass Mode	13
2.8 Battery Power Checking	17
3. Solar battery Description	18
4. Operation caution	19
5. Charging time refer	20
6. Attention to Charging	20
7. Important Tips	20
8. Quality Standards	21
9. Disclaime	21

EN


NORTH EDGE

EVOQUE

USER MANUAL





NORTH EDGE

Break All Boundaries

Manufacturer: Xiamen North Edge Technology Co.,Ltd

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