

TIMEX

EXPEDITION DIGITAL WORLD TIME SOLAR

USER GUIDE..... 2

11R094000-01 2.2025
IB DIGI-SOLAR+CR2016-M11R

Register your product at <https://www.timex.com/product-registration>

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Battery type: lithium metal, CR2016.
- Nominal battery voltage: 3.0 V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 158°F (70°C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

AVERTISSEMENT

- **RISQUE D'INGESTION** : ce produit contient une pile bouton.
- Avaler une pile bouton peut entraîner d'importantes blessures, et même la **MORT**.
- L'ingestion d'une pile bouton peut causer des **Brûlures Chimiques Internes** en seulement **2 heures**.
- **CONSERVEZ** les piles neuves et usagées **HORS DE PORTÉE des ENFANTS**.
- **Appelez les soins médicaux d'urgence** si vous suspectez qu'une pile a été avalée ou insérée dans une partie du corps.



- Retirez immédiatement les piles usagées ou éliminez-les en accord avec les lois locales. Gardez-les hors de portée des enfants. Ne les jetez pas aux ordures ménagères dans la poubelle domestique. Ne jetez pas de piles dans un feu.
- Même des piles usagées peuvent causer des blessures graves ou mortelles.
- Appelez votre centre antipoison pour connaître le traitement en cas d'ingestion.
- Type de pile : métal-lithium, CR2016.
- Tension nominale de la pile : 3.0 V
- Les batteries non-rechargeables ne doivent en aucun être rechargées.
- Ne forcez pas la décharge ou la recharge des piles. Ne les désassemblez pas. Ne les exposez pas à une température supérieure à 70°C (158°F). Ne les jetez pas dans le feu. Cela peut provoquer des blessures dues à des émanations gazeuses, à des fuites ou à une explosion avec pour conséquence des brûlures chimiques.
- Assurez-vous que les polarités (+ et -) de la pile sont respectées.
- Ne mélangez pas des piles neuves et usagées, de marques ou de types différents tels que carbone-zinc, alcalines, ou rechargeables.
- Retirez puis recyclez ou éliminez immédiatement les piles des équipements qui n'ont pas été utilisés depuis longtemps, en accord avec les lois locales.
- Assurez-vous de toujours sécuriser le compartiment à piles. S'il ne se ferme pas correctement, arrêtez d'utiliser le produit. Retirez les piles et conservez-les hors de portée des enfants.

Model: MTIR
Battery: CR2016

1. FUNCTION DESCRIPTION:

Time & Date

- Hours, minutes, and seconds displayed in 12- or 24-hour format
- Day of week and Month, Date displayed in MM-DD format

Worldtime

- Selectable 50 cities (See Appendix A)
- Daylight Saving Time(DST) can be set independently for each city

Alarm

- Three daily Alarms
- Optional hourly chime

Chronograph

- 1/100-second resolution up to 1 hour, one second resolution up to 99:59.59
- 10 lap count and storage with Recall feature. If lap count is more than 10, only the first 10 lap data will be stored in the memory.

Timer

- Timer settable up to 23:59:59 minutes
- Countdown and Stop or Repeat count selectable

Solar Power

- Built in dual power, Solar panel and rechargeable Lithium battery
- Power level detection with battery low indication icon

Electroluminescent (EL) backlight

- 3 seconds backlight upon depress of the LIGHT button, 6 seconds when in SETTING state.

Power Saving Function

- Selectable power saving function that enable watch enter into "sleep" state (Turn off screen) to reduce the power consumption.
- All function are still running at the background and only the screen is off

2. BUTTON DESCRIPTION:

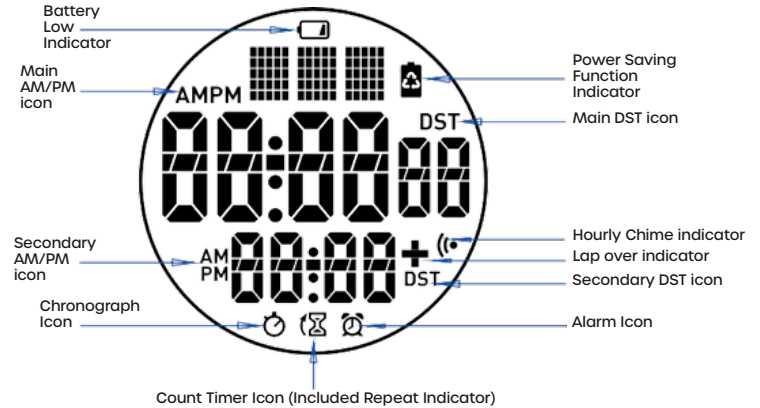
This watch shall possess four buttons, the definition as below:



- A** : LIGHT / RECALL / DST
- B** : MODE / NEXT / EXIT
- C** : STOP / RESET / - / SET
- D** : START / LAP / + / 12H/24H

3. FULL DISPLAY AND ICONS DESCRIPTION

Entire display layout and icons description as below



4. OPERATION IN WORLD TIME MODE

4.1. Initial Conditions

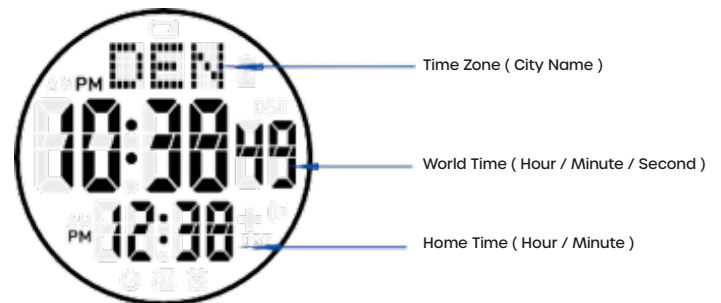
After reset, World Time mode and global data must be initialized as follows:

- World Time Zone: UTC; DST OFF (For all time zones)
- Time: Same as Time Mode initial settings

4.2. Boundary Conditions

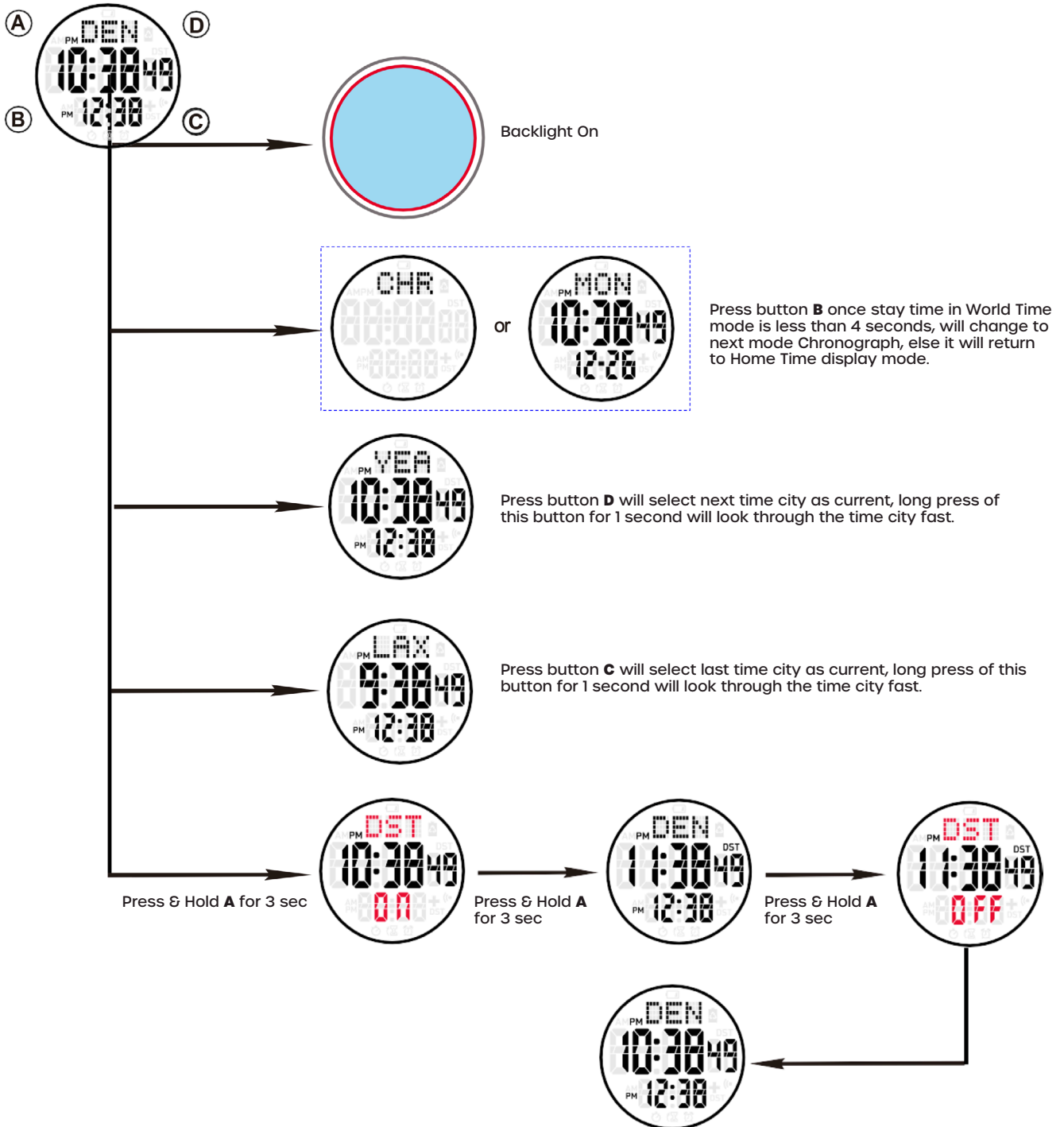
- Time Zones: 50 (Refer to appendix A)

DISPLAY



Model: MTIR
Battery: CR2016

4.3. Operation in default state

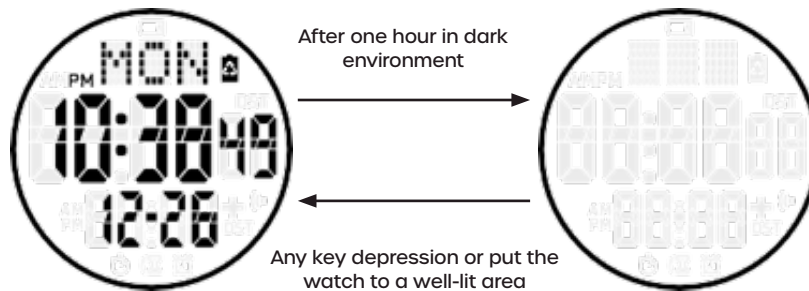


Model: MT1R
Battery: CR2016

4.4. Power Saving Function

There is built in power saving function in this module, which can be selected in Time setting state. Once this function is enabled, the module will enter sleep mode when it stay in dark environment for one hour after 22:00, and also it can wake up by one of below action:

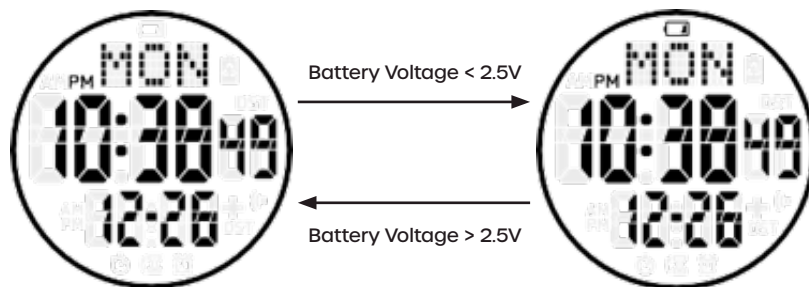
- Any Key depression. If the action is depress of button **A** , EL backlight will turns on at the same time and get off after 3 seconds.
- Put the watch to a well-lit area
- Any Alarm alert is activated



In Sleep state, all functions are enabled except the display.

4.5 Battery Low Detection

The watch with a function that monitor battery voltage, when measured the voltage is less than 2.5V, a battery flag is shown on top-left for reminder user to charge the battery soon, an once the battery voltage is resumed over than 2.7V after charged, this flag is disappeared. When battery voltage is got low, all heavy loading are disable, like EL backlight and sound.



Model: MT1R
Battery: CR2016

APPENDIX A : WORLD TIME ZONES

Index	City Code	City Name	UTC Offset
1	PPG	Pago Pago, AS	-11:00
2	HNL	Honolulu, US	-10:00
3	ANC	Anchorage, US	-9:00
4	YVR	Vancouver, CA	-8:00
5	LAX	Los Angeles, US	-8:00
6	DEN	Denver	-7:00
7	YEA	Edmonton	-7:00
8	CHI	Chicago	-6:00
9	MEX	Mexico City	-6:00
10	YTO	Toronto	-5:00
11	NYC	New York	-5:00
12	SCL	Santiago	-4:00
13	YHZ	Halifax	-4:00
14	YYT	St. Johns	-3:30
15	RIO	Rio De Janerio	-3:00
16	FEN	Fernando de Noronha	-2:00
17	RAI	Praia	-1:00
18	UTC	Coordinated Universal Time	0:00
19	LIS	Lisbon	0:00
20	LON	London	0:00
21	MAD	Madrid	1:00
22	PAR	Paris	1:00
23	ROM	Rome	1:00
24	BER	Berlin	1:00
25	STO	Stockholm	1:00
26	ATH	Athens	2:00
27	CAI	Cairo	2:00
28	JRS	Jerusalem	2:00
29	MOW	Moscow	3:00
30	JED	Jeddah	3:00
31	THR	Tehran	3:30
32	DXB	Dubai	4:00
33	KBL	Kabul	4:30
34	KHI	Karachi	5:00
35	DEL	Delhi	5:30
36	KTM	Kathmandu	5:45
37	DAC	Dhaka	6:00
38	RGN	Yangon	6:30
39	BKK	Bangkok	7:00
40	SIN	Singapore	8:00
41	HKG	Hong Kong	8:00
42	BJS	Beijing	8:00
43	TPE	Taipei	8:00
44	SEL	Seoul	9:00
45	TYO	Tokyo	9:00
46	ADL	Adelaide	9:30
47	GUM	Guam	10:00
48	SYD	Sydney	10:00
49	NOU	Noumea	11:00
50	WLG	Wellington	12:00