⚠ 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, CR2025.
- Nominal battery voltage: 3.0 V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 158°F (70ºC) 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, CR2025.
- 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.

TIMEX

DIGITAL WATCH WITH CHRONOGRAPH, ALARM, TIMER

Function Description....1
Manufacturing Options....2
Full Display and Icons Description....3
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Register your product at https://www.timex.com/product-registration

FUNCTION DESCRIPTION

The watch shall possess the following features and functions:

Time & Date

- Hours, minutes, and seconds displayed in 12- or 24-hour format
- Day of week and Date displayed in MM-DD-YY or DD.MM.YY format
- Second time zone (Time 2) with independent hours, minutes, date and format settings
- Automatic day of week calculation and leap year handling
- Optional hourly chime and button beep

INDIGLO® Night-Light with Night-Mode

Chronograph

- 1/100-second resolution up to 1 hours, one-second resolution up to 99:59.59
- 99-lap count
- Selectable LAP, SPLIT or TOTAL TIME display mode
- Maximum storage for 75 laps with RECALL feature
- Multiple workout storage with date stamp, average and best lap time

Timer and Interval Timer

- Timer settable up to 23:59.59
- 2 intervals settable up to 23:59.59
- Action at end 'Countdown and Stop' or 'Countdown and Repeat'
- 99-repeat count
- EL backlight flashes during alert.

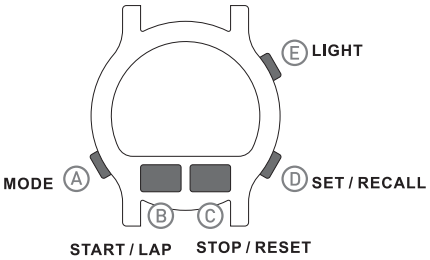
Alarm

- Three daily, weekday, weekend, or weekly alarms
- 5-minutes backup alert
- EL backlight flashes during alert

MANUFACTURING OPTIONS

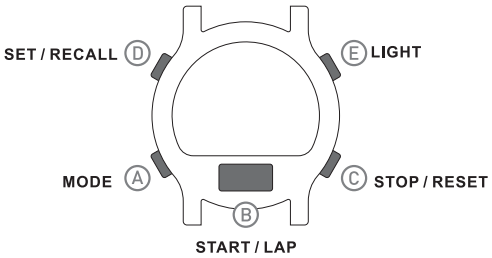
The software shall support bond options that can be set at time of manufacture to yield functional variations. Bond options shall include Button Configurations and LCD contrast.

Button Configurations



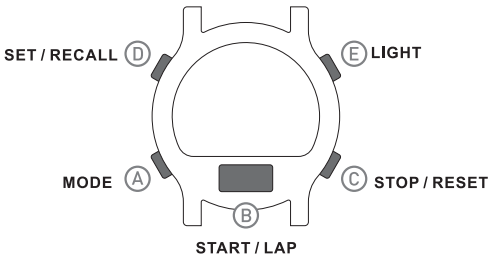
Option A:

Three Side Buttons + Two Top buttons



Option B:

Four Side Buttons + One Top buttons



Option C:

Five Side Buttons

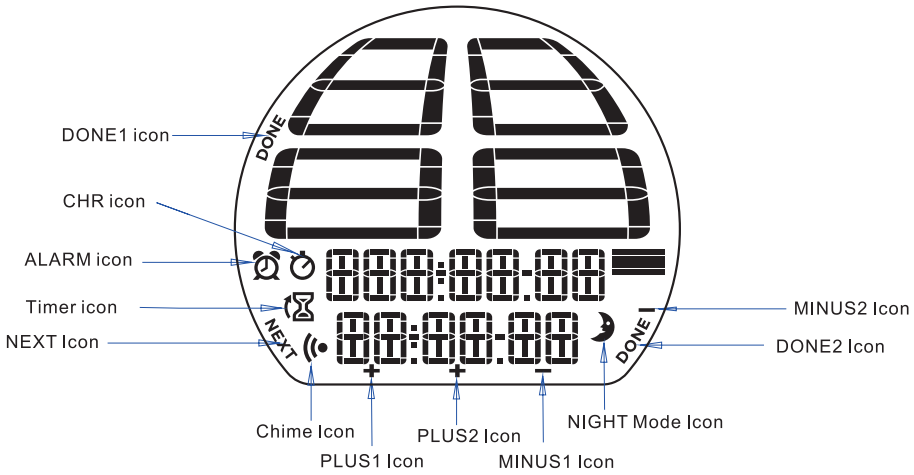
LCD Contrast

Below are the 4 LCD contrast setting recommended for bond options:

- 3.15V
- 3.30V (Default)
- 3.45V
- 3.60V

FULL DISPLAY AND ICONS DESCRIPTION

Entire display layout and icons description as below:



Notes: Icons "DONE", "PLUS", "MINUS" are followed base on different button option. The details as:

- When button configuration is Option A: Icon "DONE1", "PLUS2", "MINUS2" are unused
- When button configuration is Option B: Icon "DONE2", "PLUS1", "MINUS1" are unused
- When button configuration is Option C: Icon "DONE2", "PLUS1", "MINUS1" are unused

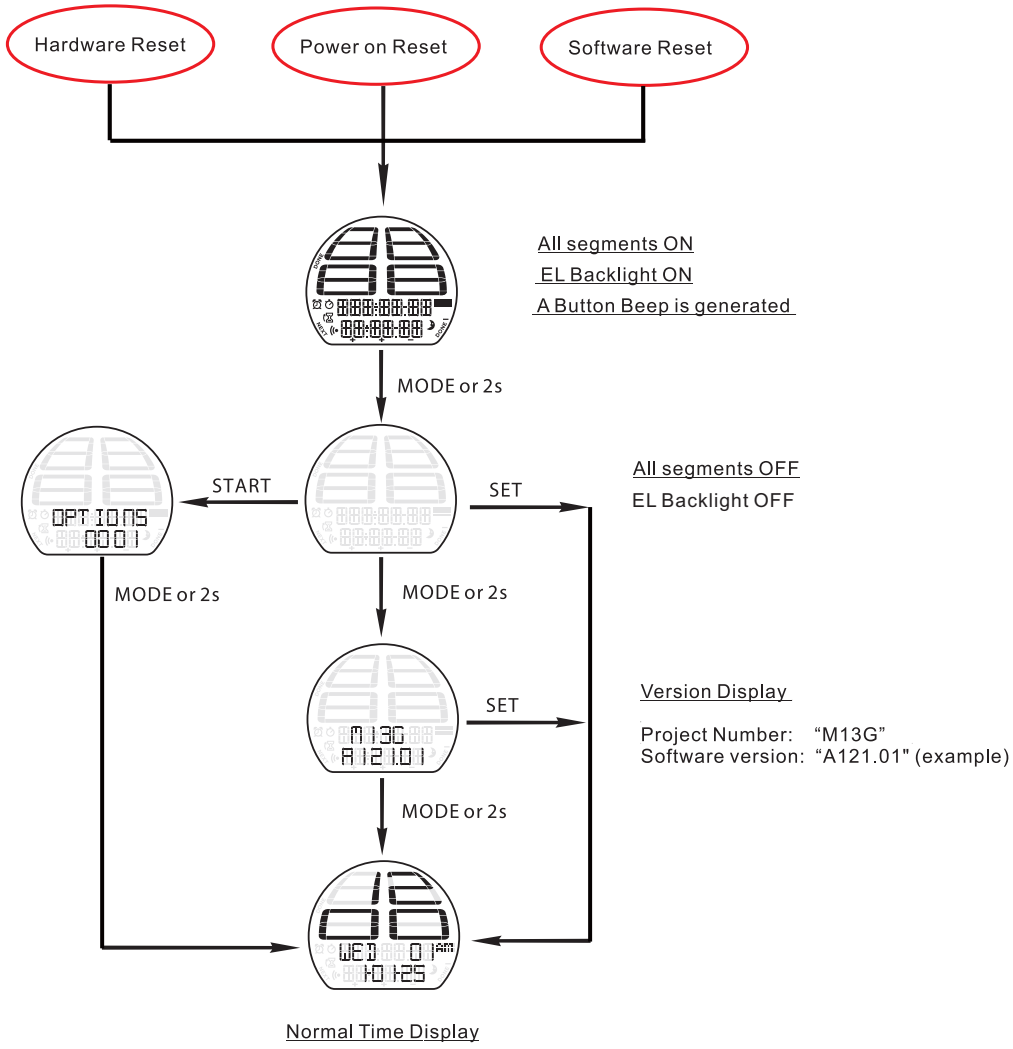
*****All subsequent illustrations and diagrams in this document are based on Button Configuration Option A.**

RESET SEQUENCE

The watch is reset with below three types:

- Power on Reset: Power is applied or battery is replaced
- Hardware Reset: Short of RESET pads on PCB
- Software Reset: Press and hold buttons MODE, STOP/RESET, SET/RECALL, LIGHT for 3~4 seconds

The reset sequence as below:

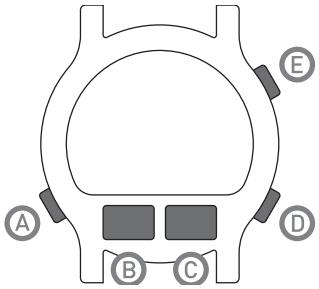


MODE ARCHITECTURE

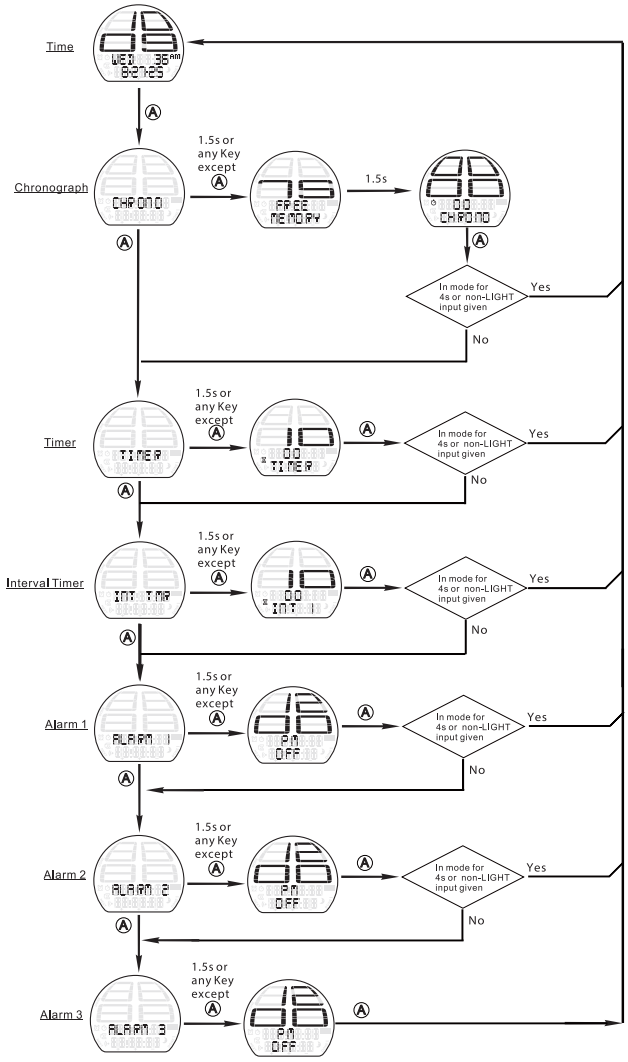
The watch shall employ the classic mode architecture for navigation between models, Time of Day is the default mode and the user can press button A repeatedly to access other modes.

The watch consist of 7 different modes, these are:

- Time of Day
- Chronograph
- Timer
- Interval Timer
- Alarm 1
- Alarm 2
- Alarm 3



The mode sequence shall follow the order below:



OPERATION IN HOME TIME MODE

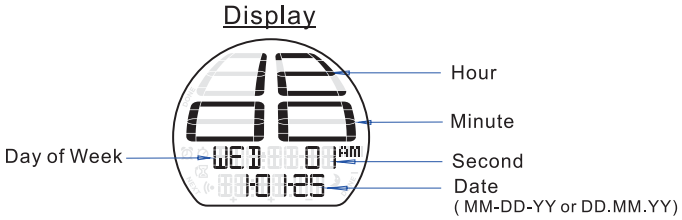
Initial Conditions

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

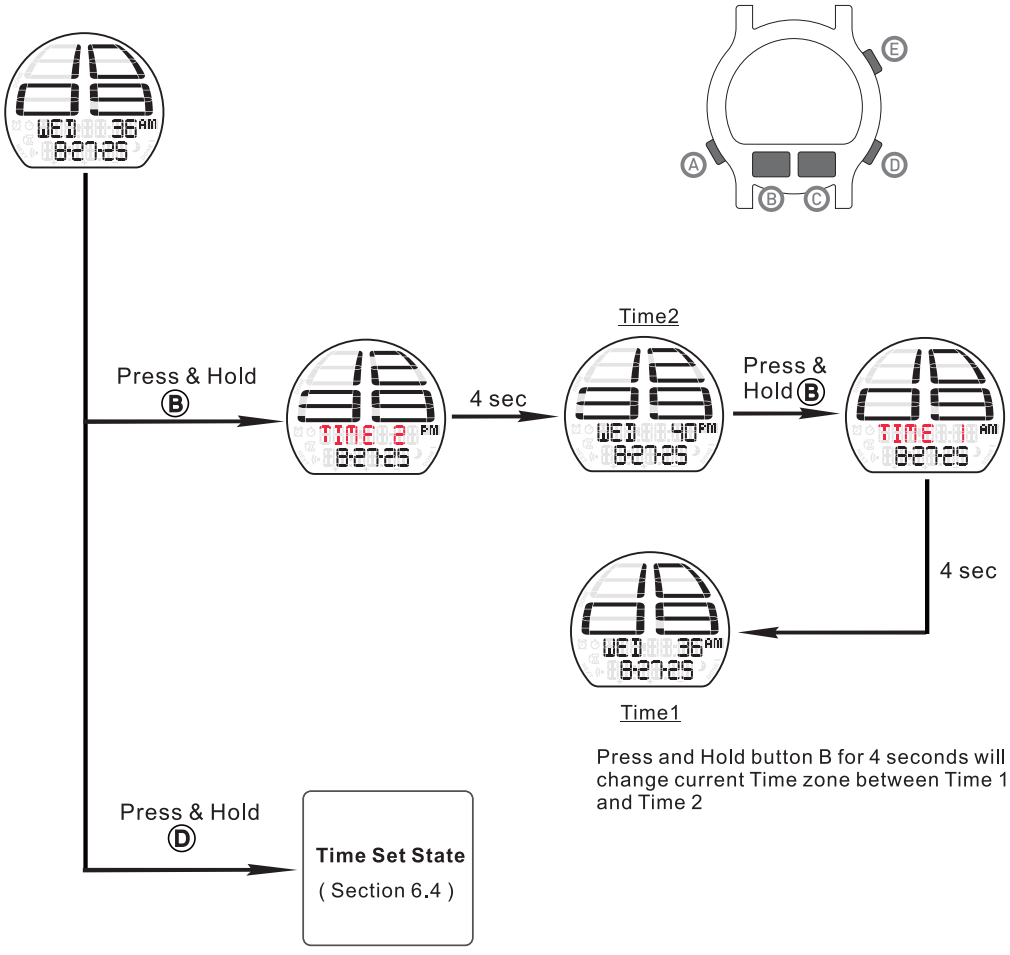
- Primary Time: Time Zone 1
- Time Zone 1: Thursday; January 1, 2026; MM-DD-YY; 12:00:00 AM; 12H time format;
- Time Zone 2: Thursday; January 1, 2026; MM-DD-YY; 12:00:00 AM; 12H time format;
- Hourly Chime: OFF
- Button Beep: OFF

Boundary Conditions

- Year: 2000 ~ 2099

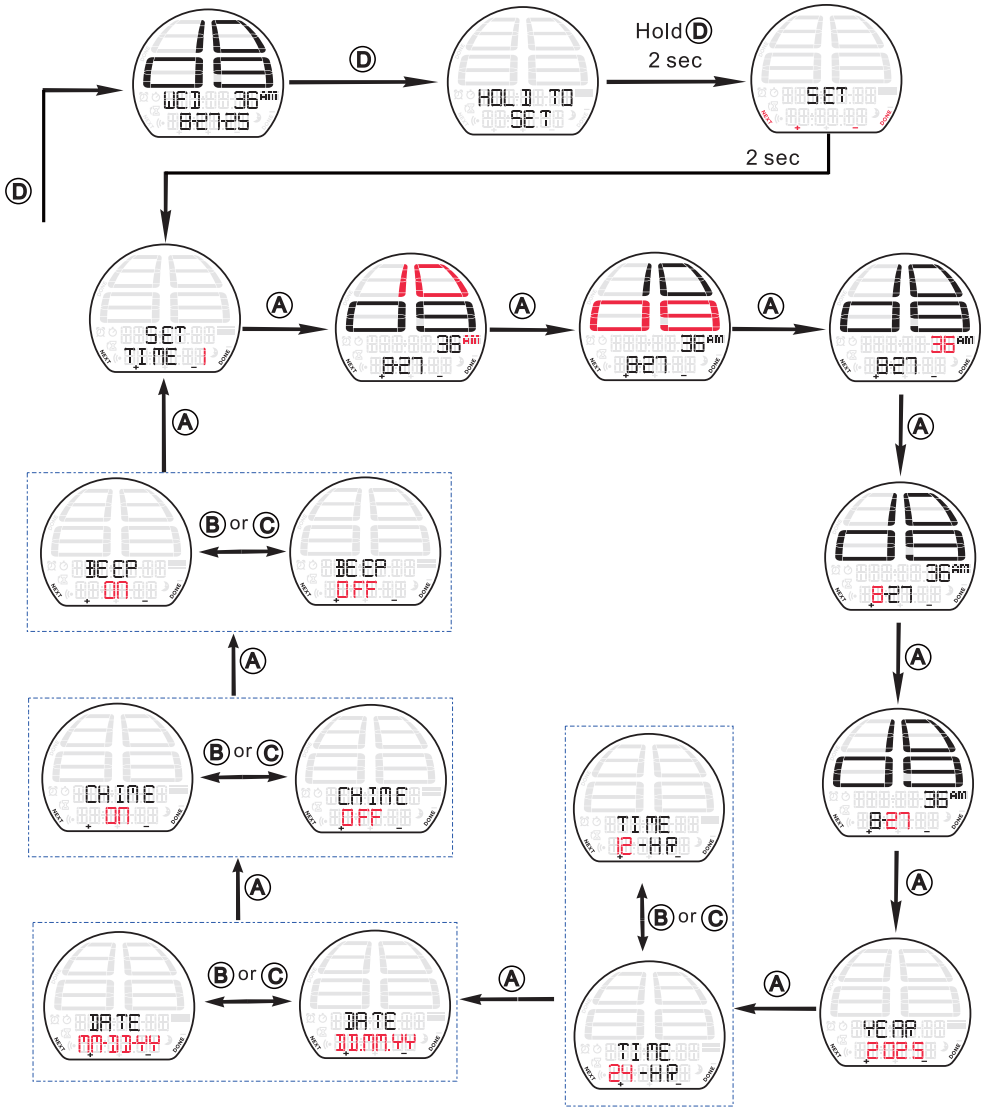


Operation in default state



Press and Hold button B for 4 seconds will change current Time zone between Time 1 and Time 2

Operation in Time Set state



NOTES:

1. No button beep shall be generated upon successful completion of the Hold Operation.

2. In above diagram, when the digit or icon is RED, it means it is blinking with 2Hz refresh rate.

(It is the same in all sections)

3. Upon entry to Time setting, the first setting field is select time zone. pressing button MODE A will move to next setting field, the setting sequence is: Time Zone --> Hour --> Minute --> Second --> Month --> Date --> Year --> Time Format --> Date Format --> Chime --> Button Beep.

4. In setting the Hour, Minute, Year, Month and Date, pressing button START/SPLIT B will increase the set value, while pressing button STOP/RESET will decrease the set value. Press and hold these buttons for 1 second will fast adjust setting value. (Called "Scanning" in chapter 11.2)

5. When setting SECOND, Press of button START/SPLIT (B) or button STOP/RESET (C) will force second value to zero.

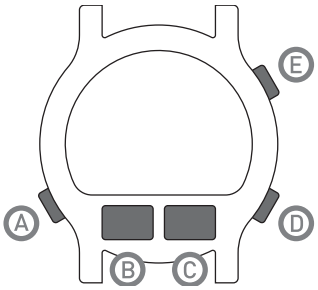
6. In Time setting state, pressing button SET/RECALL (D) or no button action for 2- 3 minutes shall save all settings and then exit to normal time display automatically.

OPERATION IN CHRONOGRAPH MODE

Initial Conditions

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

- Chrono State: Reset
- Chrono memory: Clear
- Chrono display format: "LAP SPL"

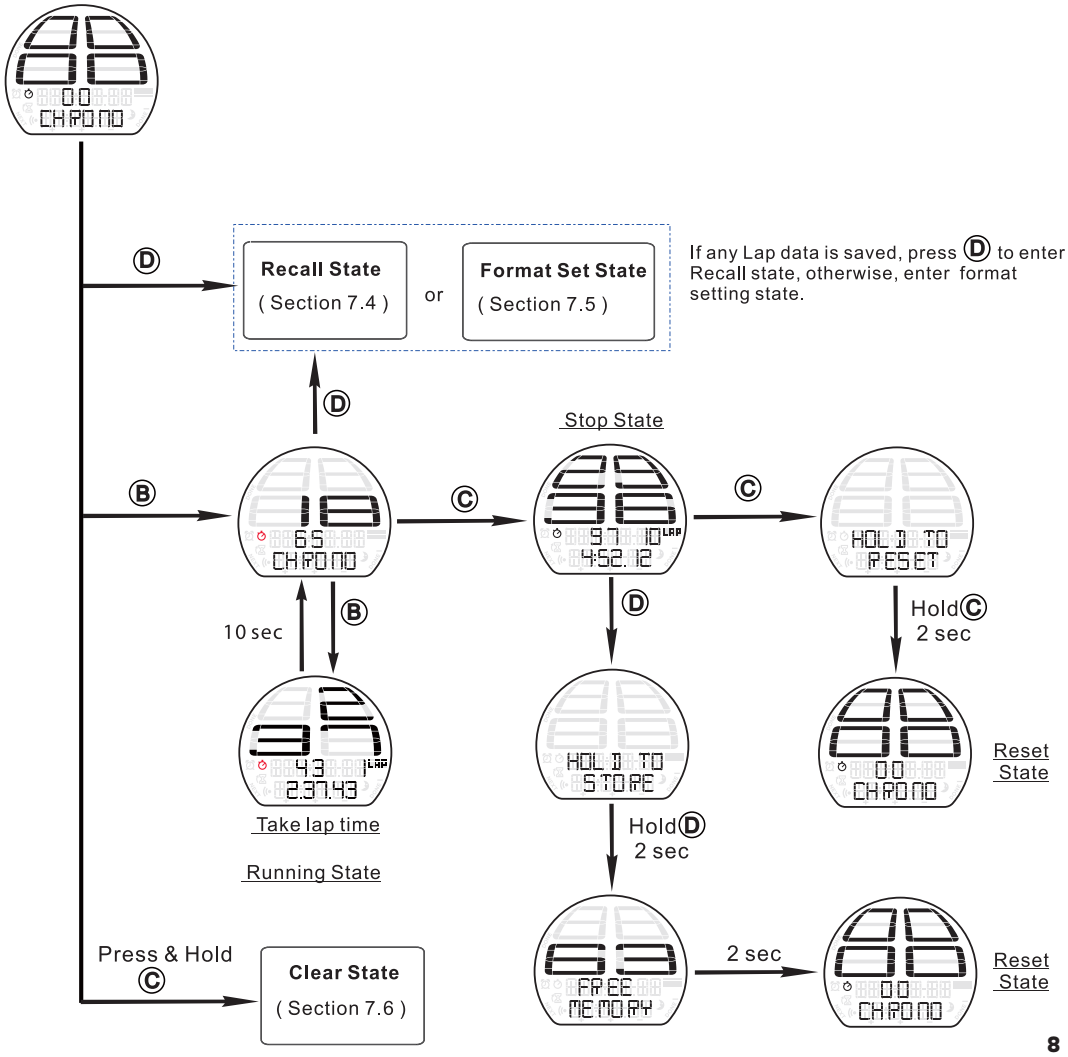


Boundary Conditions

Mode data is bounded as follows:

- Chrono time: 0 ~ 99:59.59.99
- Lap Number: 0 ~ 99
- Chrono Lap memory stored: 75

Operation in default state



NOTES: When chronograph runs out, it will stopped automatically, and the display shows as below:

When any lap was taken

When no any lap was taken

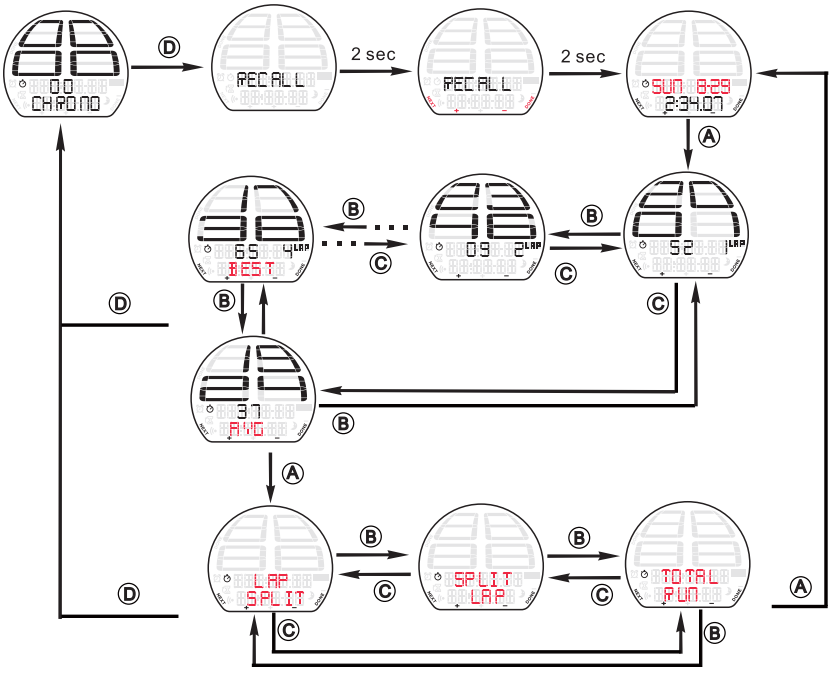
- When the LAP memory reaches the 75 laps limit, press the button START/SPLIT Ⓑ shall still take a new lap record, but it will not store in the memory. (i.e. only the first 75 LAP records will be saved in the memory).
- When chrono time is less than one hour, it will display as Minute : Second : centiSecond, once it exceeds one hour, the time display at bottom line is Hour : Minute : Second, and another time will display as HOUR at first row, MINUTE at second row, SECOND and CENTISECOND at third row. Like below:

Chrono time < 1 hour

Chrono time >= 1 hour

Operation in Chronograph Recall state

When there are laps in store, press button SET/RECALL can review the memory information.

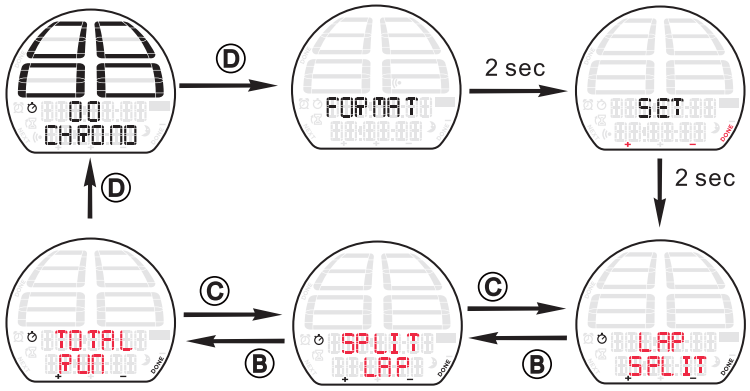


NOTES:

- Upon entry to Recall state, workout date and total time are shown, user can select different workout through press button START/SPLIT Ⓑ or button STOP/RESET Ⓒ.
- Press button MODE Ⓐ will start inquire lap information for selected workout, press button START/SPLIT Ⓑ or button STOP/RESET Ⓒ will inquire the detail chrono information, include all laps and best, average information.
- During check the lap information, press button MODE Ⓐ will enter chronograph display format set state.

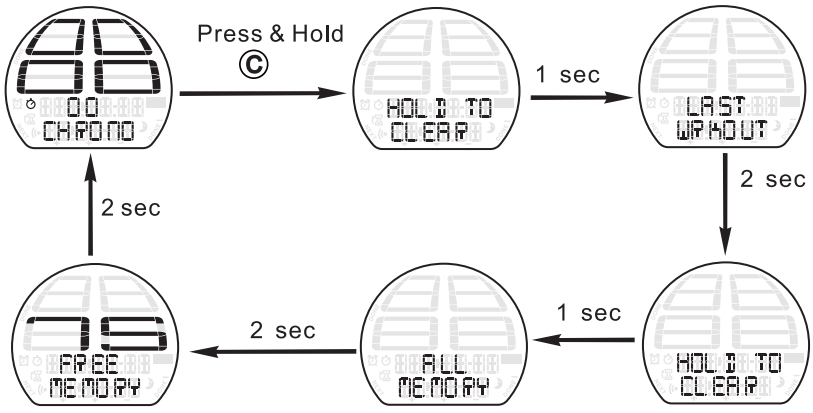
Operation in Chronograph Recall state

When there are not any chrono data in store, press button SET/RECALL Ⓓ will select the chrono display format. There are 3 display formats can be set, as below.



Operation in Chronograph Clear state

User can clear last workout information in store or all memory information by below operations:

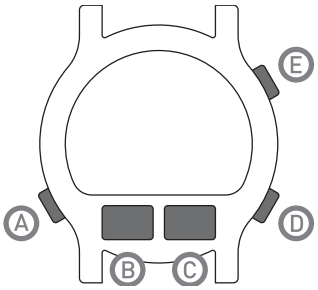


OPERATION IN TIMER MODE

Initial Conditions

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

- Timer State: Reset
- Timer Reset Time: 0:10.00 (10 minutes)
- Timer Action at end of countdown: Stop

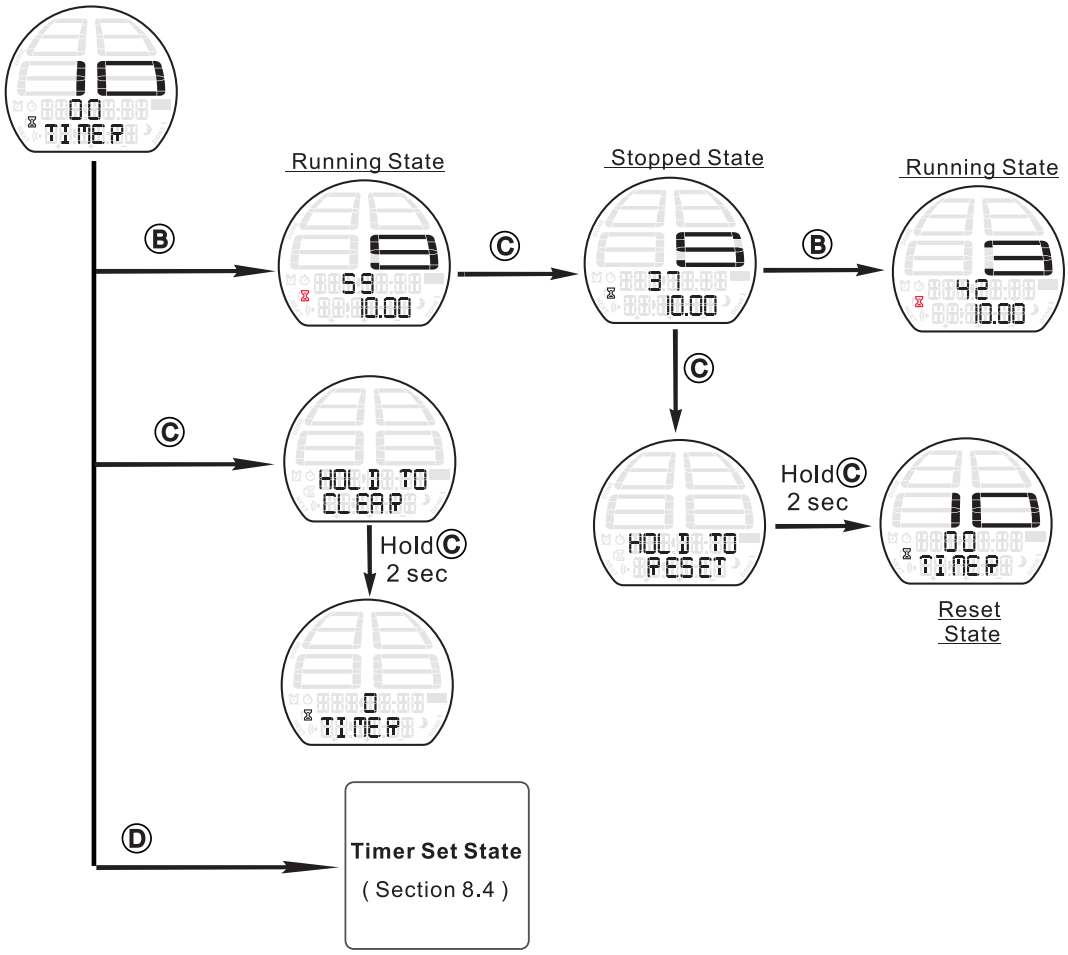


Boundary Conditions

Mode data is bounded as follows:

- Timer time: 0 ~ 23:59.59
- Rep Number: 0 ~ 99

Operation in Default state



NOTES:

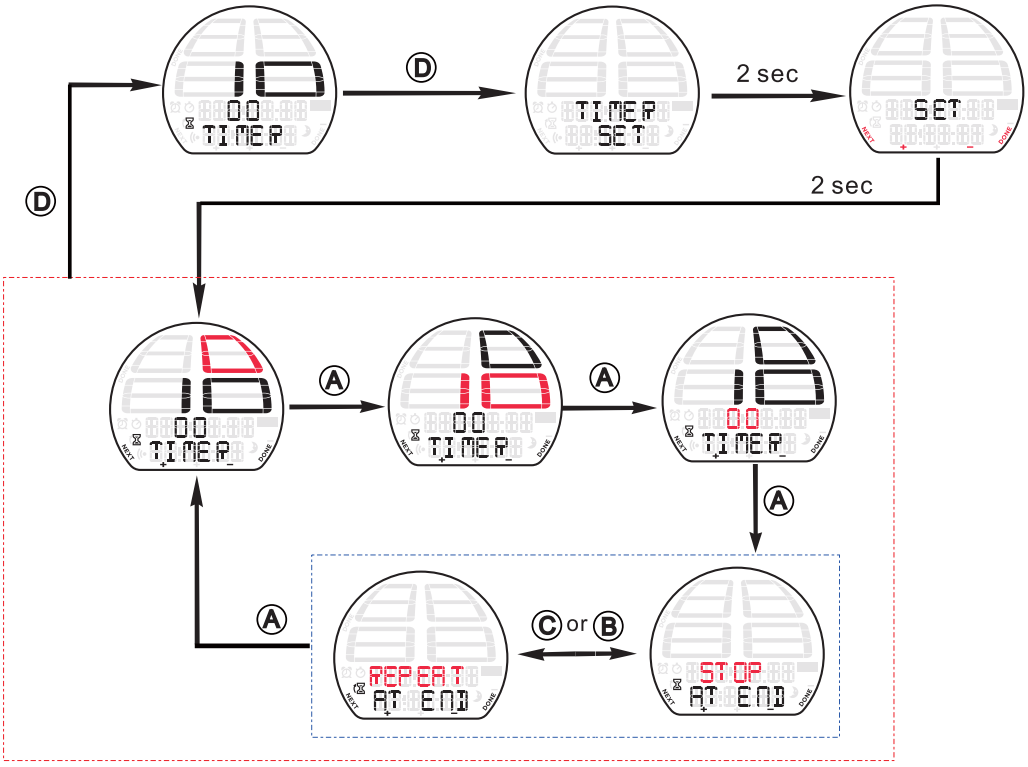
1. If the reset time of displayed timer is zero, the timer cannot be started, pressing button START/SPLIT Ⓑ shall have no action.
2. When the timer is set to repeat at the end of its countdown in Timer mode, the rep number modulus 100 is displayed at the bottom line after "REP" instead of the reset time. After start from reset, the repeat number is one.

Timer repeat < 10

Timer repeat >= 10

3. If timer has completed its countdown and timer action at end is "STOP", the Timer Alert Melody is generated.
4. If timer has completed its countdown and timer action at end is "REPEAT", the Button Beep is generated if the timer is less than 30 seconds, otherwise, the Timer Alert Melody is generated.

Operation in Timer Set state



NOTES:

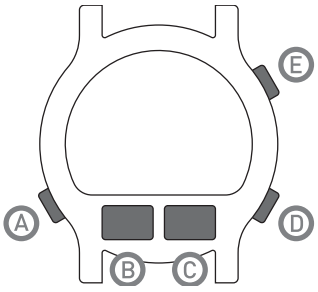
1. Upon entry to Timer Set state, the first field to set is the Hour field. Press of button MODE Ⓐ will proceed to the next field in sequence Hour --> Minute --> Second --> Action at end.
2. In set fields of Hour, Minute and Second, press of button START/SPLIT Ⓑ will increase the set value, press of button STOP/RESET Ⓒ will decrease the set value. Press and hold these buttons for 1 second will fast adjust setting value.
3. The last step allows the user to select the action of timer at the end of its countdown. If "STOP" is selected, the timer stops when it reaches zero, if "REPEAT" is selected, the timer repeats its countdown indefinitely, never displaying zero.
4. In Timer setting state, press button SET/RECALL Ⓓ shall saving all timer settings and then exit to Timer default state.
5. If there is no button action for 2~3 minutes, all setting shall be saved and then automatically return to the Time default state.

OPERATION IN INTERVAL TIMER MODE

Initial Conditions

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

- Timer State: Reset
- Timer 1: 0:00.00 reset time
- Timer 2: 0:00.00 reset time
- Timer Action at End of Countdown: Stop

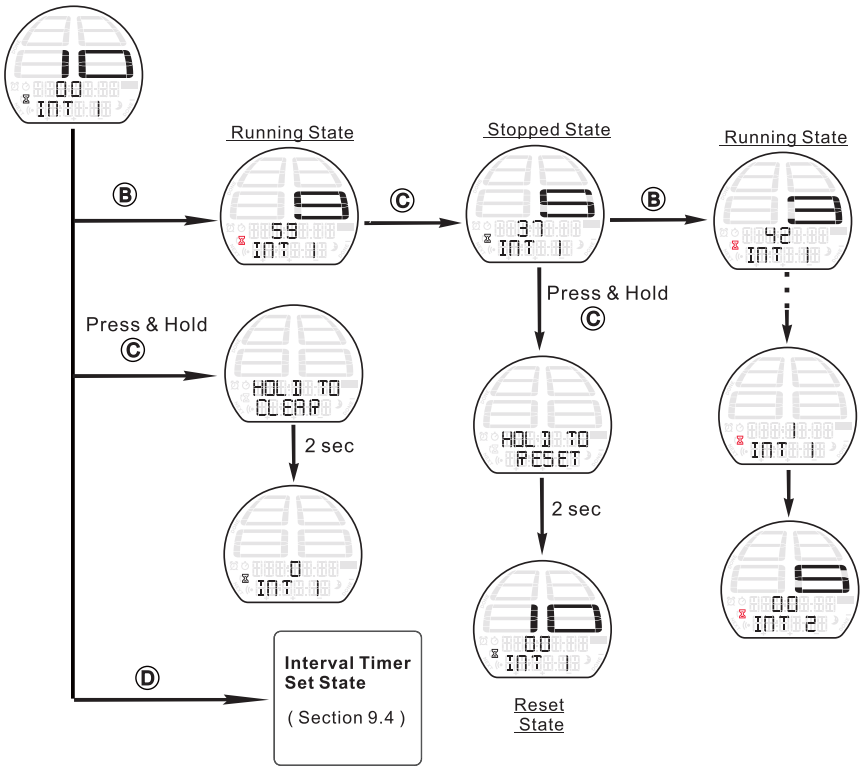


Boundary Conditions

Mode data is bounded as follows:

- Timer time: 0 ~ 23:59.59
- Rep Number: 0 ~ 99

Operation in Default state



NOTES:

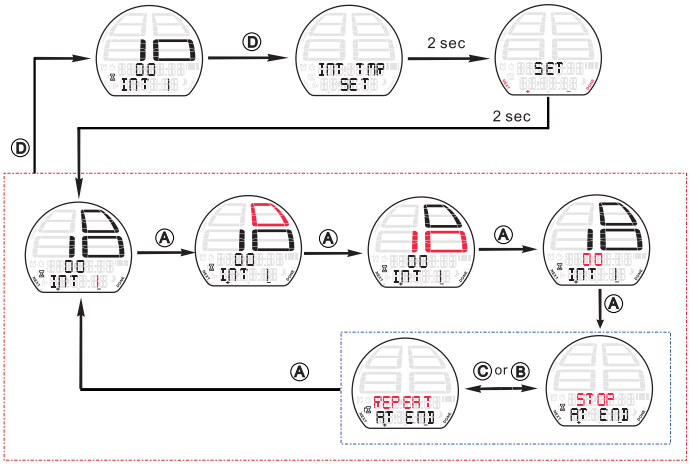
1. If the reset time of displayed interval is zero, the interval timer cannot be started, pressing button START/SPLIT Ⓑ shall have no action.
2. When the timer is set to repeat at the end of its countdown in Interval Timer mode, the rep number modulus 100 is displayed at the bottom line after "REP" instead of the reset time. After start from reset, the rep number is one.

Timer repeat < 10

Timer repeat >= 10

3. If an interval has completed its countdown and reset time of newly-started interval is less than 30 seconds, the button beep is generated, otherwise, the Interval Timer Alert Melody is generated.
4. If the interval timer has completed it countdown and timer action at end is "STOP", the interval Timer Alert Melody is generated.
5. If the interval timer has completed it countdown and timer action at end is "REPEAT", the Button Beep is generated if the reset time of the newly-started interval is less than 30 seconds, otherwise, the Timer Alert Melody is generated.

Operation in Interval Timer Set state

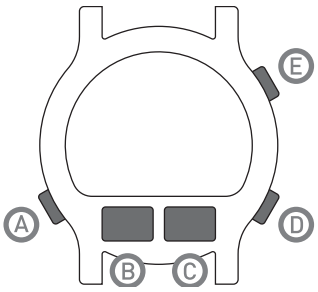


NOTES:

1. Upon entry to Interval Timer Set state, the first field to set is the timer interval number, press button MODE Ⓐ will proceed to the next field in sequence: Interval Number --> Hour --> Minute --> Second --> Action at End.
2. In set fields of Hour, Minute and Second, press of button START/SPLIT Ⓑ will increase the set value, press of button STOP/RESET Ⓒ will decrease the set value. Press and hold these buttons for 1 second will fast adjust setting value.
3. The last step allows the user to select the action of timer at the end of its countdown. If "STOP" is selected, the interval timer stops when it reaches zero, if "REPEAT" is selected, the interval timer repeats it countdown indefinitely, never displaying zero. If this setting is changed for an interval, it applies to the end of interval sequence, and each interval shall reflect the same setting.
4. In Interval Timer set state, press button SET/RECALL Ⓓ shall save all interval timer settings and then exit to Interval Timer default state.
5. If there is no button action for 2-3 minutes, all setting shall be saved and then automatically return to Time default state.

OPERATION IN ALARM MODE

There are three alarms, each with a separate mode, all the operation for each alarm mode are almost the same.

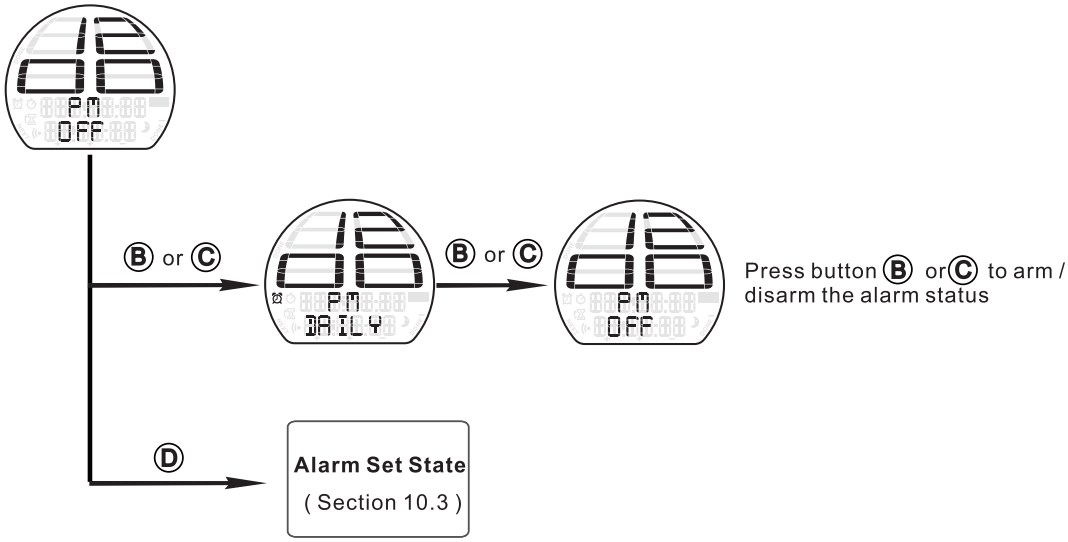


Initial Conditions

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

- All alarms setting: 12:00 PM; Daily
- All alarms Status: OFF

Operation in Default state

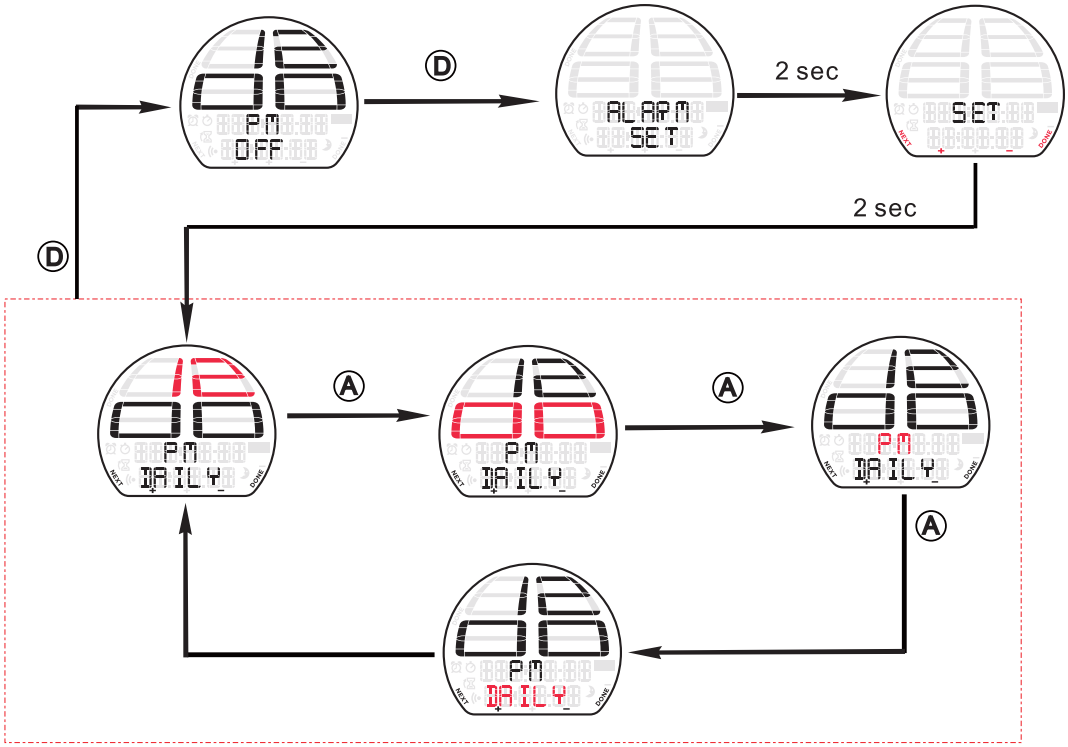


NOTES:

1. The alarm time is shown in the upper line, using the same format (12- or 24-hour) as the primary time, If the alarm is armed, the alarm frequency ("DAILY", "WKDAYS", "WKENDS" "SU", etc.) is shown in the bottom line of the display, otherwise, "OFF" is shown. If the primary time is in 12-hour format. "AM" or "PM" is displayed in the third line, otherwise, those digits are blank.
2. Disarming the alarm caused a pending backup alert for the displayed alarm (not the other two) to be cancelled.

Operation in Alarm Set state

Below description is taken for instance with Alarm 1, all set operation for other alarms are the same.



NOTES:

1. Upon entry to Alarm set state, the first field to set is the hours value. Press button A will proceed to the next field in sequence: Hour --> Minute --> AM/PM--> Alarm Frequency
2. Setting the AM or PM will only be shown if 12-hour format is in used for the primary time.
3. The frequency of the Alarm which can be set to Daily, Weekday, Weekend, Weekly (Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday).
4. Press button START/SPLIT Ⓑ will increase the set value, press button STOP/RESET Ⓒ will decrease setting value, long press of this button for 1 second and hold it continue will fast adjust the setting value.
5. If any value is changed in Alarm Setting state, the alarm being set will be armed upon exit from this state.
6. The alarm being set (not the other two) is temporary disarmed while in this state.
7. A pending backup alert for the alarm being set (not the other two) shall be cancelled upon entry into this state.
8. In Alarm Set state, press button SET/RECALL Ⓓ or shall save all alarm settings and then exit to Alarm default state.
9. If there is no button action 2-3 minutes, all settings shall be saved and then automatically return to the Time Default state.