PRECISION

OPERATING INSTRUCTIONS
SOLAR

GW-40 SERIES

1. FEATURES

- » Solar power
- » Synchronized time display (hour, minute) - analog and digital
- » Digital time and date display
- » Secondary digital time display

Time Display

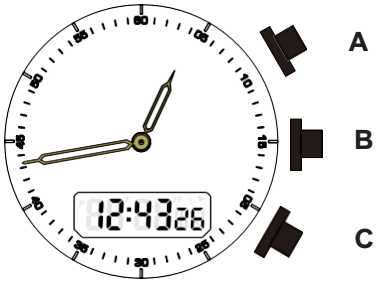
Date Display

Secondary Time Display

- » Daily alarm
- » Hourly chime alert
- » Chronograph with 1/100s resolution, max. run time: 99 min, 59.99 sec
- » **Low battery voltage detection:** Battery voltage is automatically monitored. If the voltage falls below the preset value of 2.0V, the battery icon will flash, reminding the user to recharge the watch by exposing it to strong light.

2. BUTTON DESCRIPTION

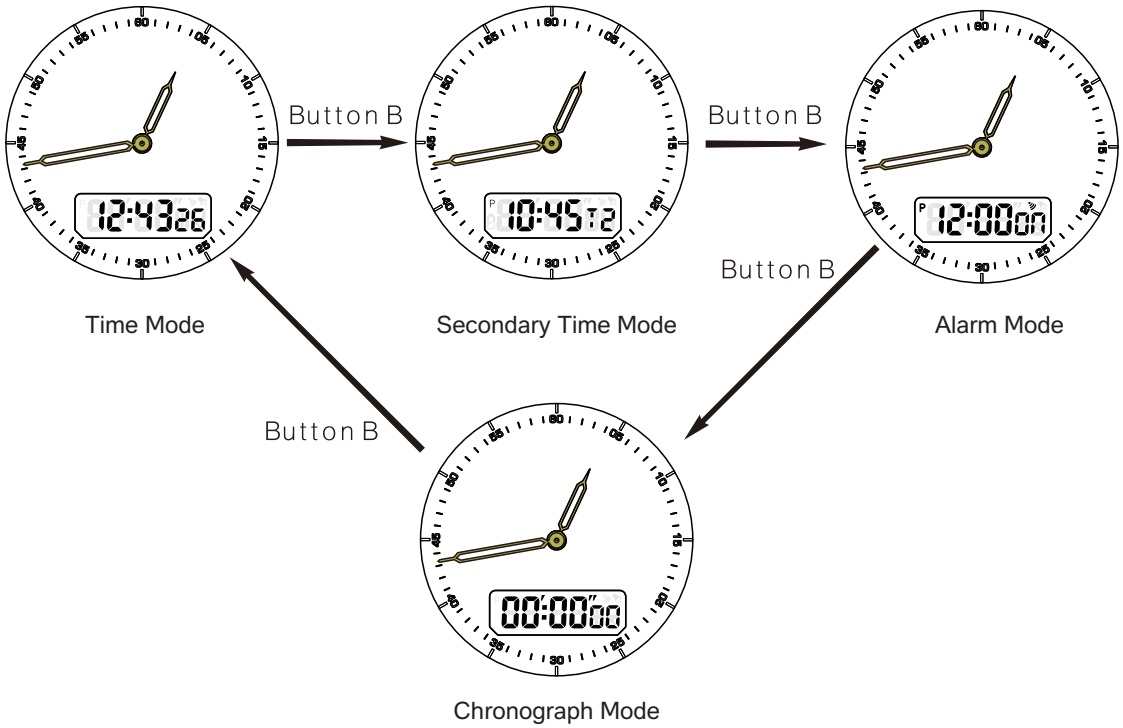
There are three buttons in this module, which are named A, B, and C, as below:



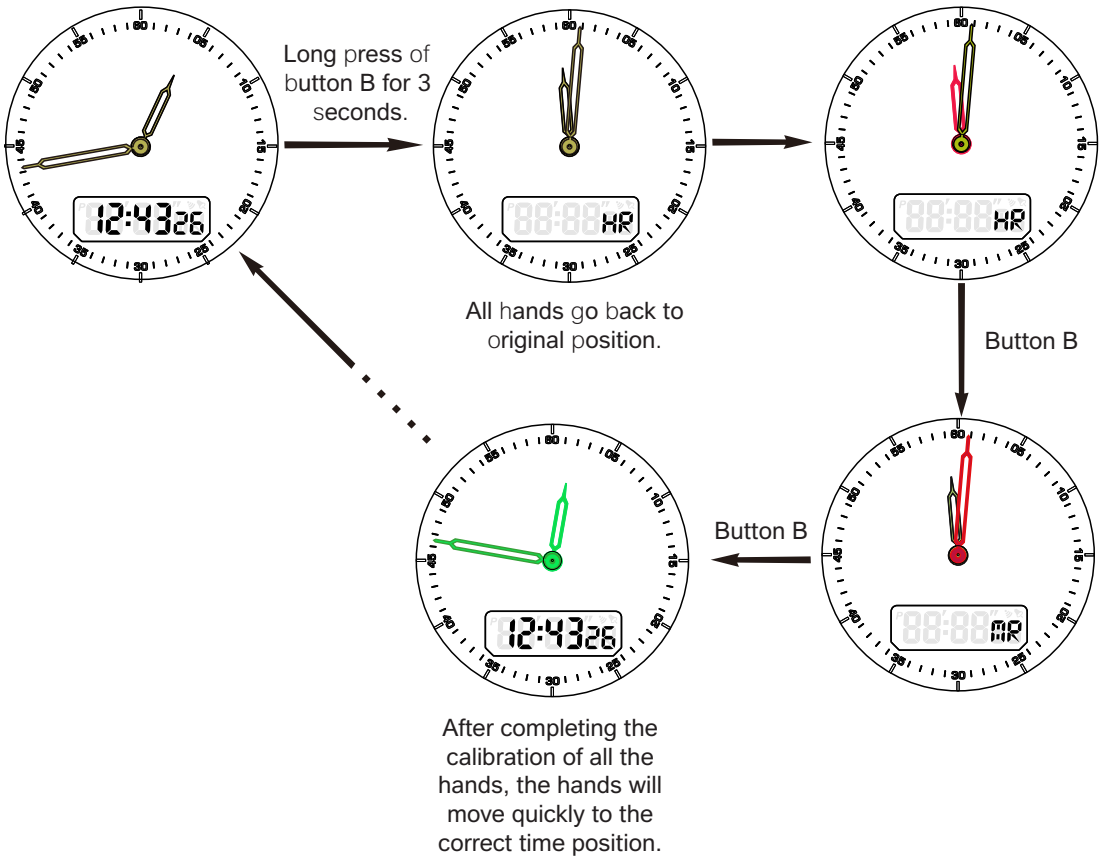
Button A	START
Button B	(MODE/CALIB)
Button C	SET

3. OPERATION

CHANGE OF FUNCTION MODE



ANALOG HANDS CALIBRATION



Press button A.

- The hour hand will turn counterclockwise

Press button C.

- The hour hand will turn clockwise.

For a faster adjustment, perform a long press of either button A or C, and the hour hand will turn rapidly.

Press button A.

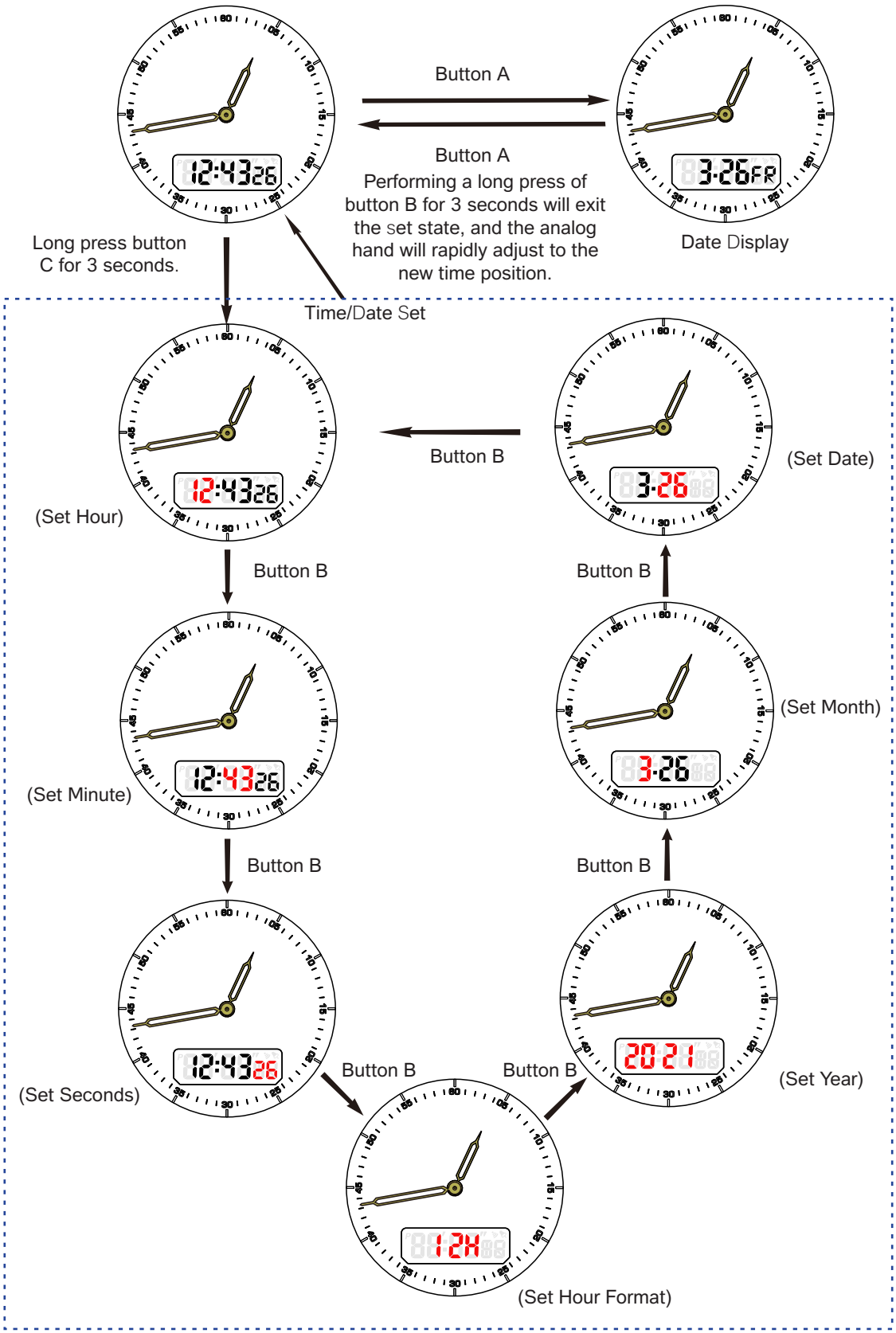
- The minute hand will turn counterclockwise.

Press button C.

- The minute hand will turn clockwise.

For a faster adjustment, perform a long press of either button A or C, and the minute hand will turn rapidly.

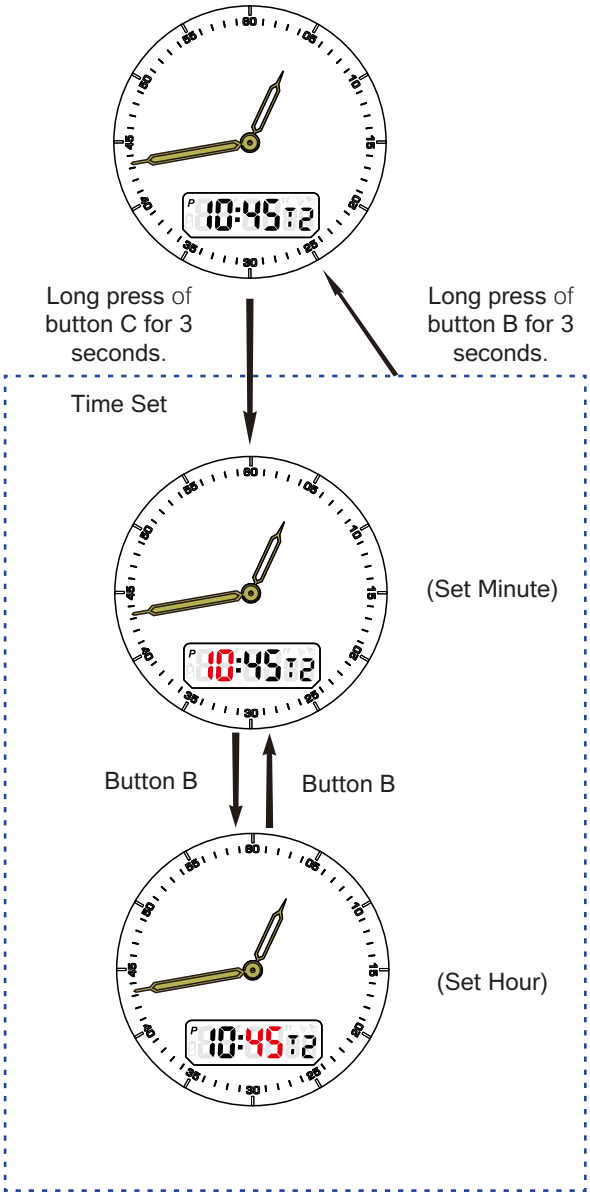
OPERATION IN TIME/DATE MODE



Note:

1. In the diagram above, a red hand signifies that it can be adjusted. If it's green, it means the hand is in motion.
2. During time/date setting, use button A to increase the time or date value, and button C to decrease it. To fast-adjust time or date value, perform a long press of button A or C.
3. In the time/date set diagram, a red digit indicates that this digit is flashing at a rate of 4Hz.
4. In time/date set state, without any user input, the current new time/date value is automatically saved, and the display returns to the normal time view.

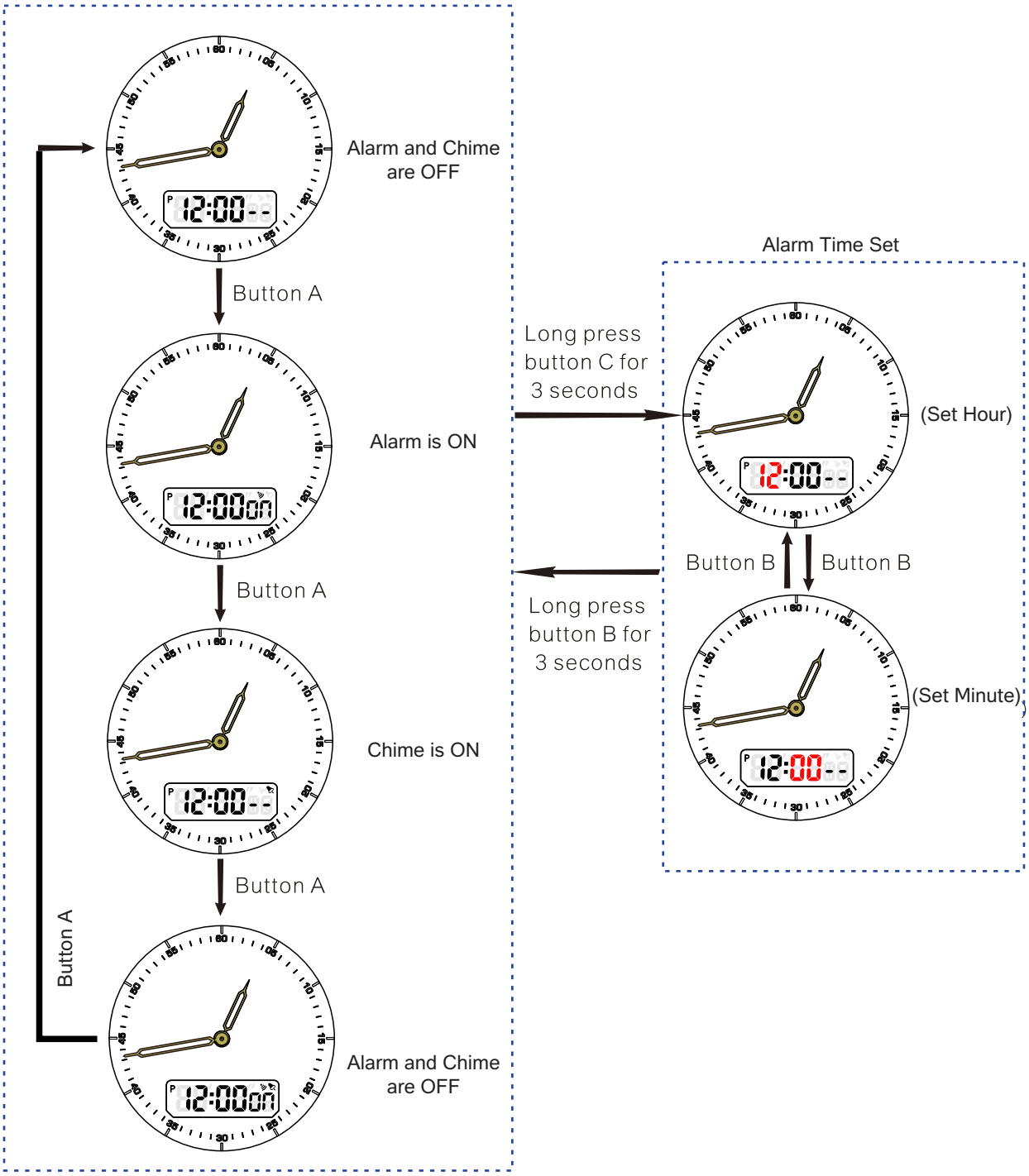
OPERATION IN SECONDARY TIME MODE



Note:

1. Secondary time mode does not display seconds; it mirrors the primary time.
2. During secondary time setting, pressing button A increases the time value, while pressing button C decreases it. A long press of button A or C enables fast time adjustment.
3. In the diagram of time setting, a red digit signifies that it is flashing at a rate of 4Hz.
4. When in secondary time set state, if there is no user input for 1 minute, the current new time value is automatically saved, and the display returns to the normal time view.

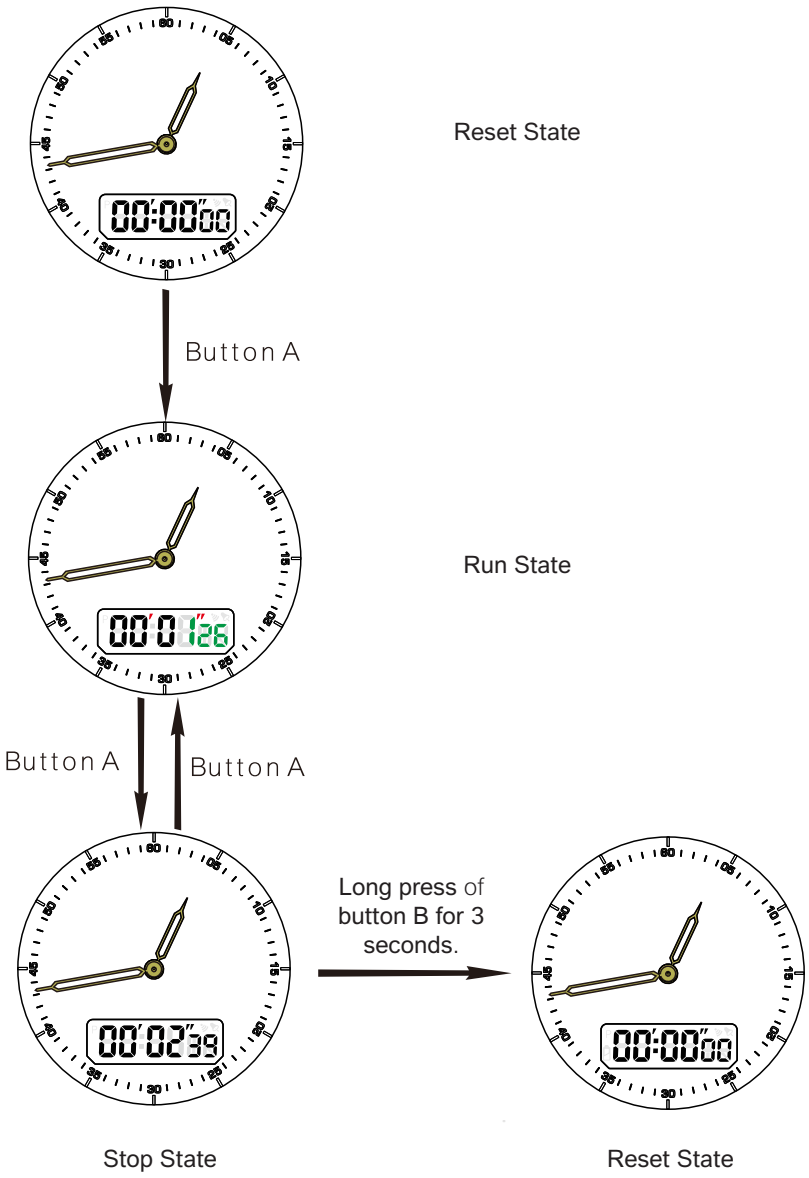
OPERATION IN TIME/DATE MODE



Note:

1. When in alarm mode, if there is no user input for three minutes, the display will return to the normal time view.
2. During alarm time setting, pressing button A increases the alarm time value, while pressing button C decreases it. A long press of button A or C enables fast adjustment of the alarm time value.
3. In the diagram for setting the alarm time, a red digit indicates that it is flashing at a rate of 4Hz.
4. While in the Alarm time set state, if there is no user input for 1 minute, the newly set alarm time is automatically saved, and the display returns to the normal time view.

OPERATION IN CHRONOGRAPH MODE



Note:

1. When in the reset state, if there is no user input for 3 minutes, the display will automatically return to the normal time view.
2. In the diagram above, if the icon is red, it means it is flashing at a rate of 2Hz.
3. When the chronograph reaches its maximum running time, it will stop automatically and display the maximum running time, as shown below:

4. MODULE SPECIFICATIONS

Module Diameter:	Ø36.00mm
Module Thickness:	4.60mm
Work Temperature:	-10^{0}C~60^{0}C
Work Voltage:	3.0 V
Standby Work Current:	< 4.0 uA
Gear Box Work Current:	< 2.5mA
Alarm Working Current:	< 4mA
Battery:	Panasonic ML920 (11mAh)
Solar Panel:	TDK BCSBJ01D6 3.0V
Est. Battery Enduration:	3.0 months (In dark environment)