

User Manual

Main Unit: This clock adapts the RF transmission vibration function on the basis of the normal clock. Under the vibration gear or vibration with BBB sound gear, the vibration signal can be transmitted by the clock and received by the vibrator.

Vibrator: When the vibrator receives the signal sent by the main unit, it will automatically turn on the clock vibration reminder. With a 3.7V built-in lithium battery, the vibrator can supply power independently. And the battery can last 3 months without external power supply.

Way 1: Open the back cover of the battery, install 3 AAA-batteries, the screen will display for 1 second with a sound of 'DI' and turn on.

Way 2: Connect the micro USB cord to the clock and an adapter under DC 5V current, and the screen will display for 1 second with a sound of 'DI' and turn on.

1. Time Setting
2. Alarm Setting
3. Date Setting
4. Increment/
°C/°F
5. Decrement/
Weekend Mode

6. Brightness/
Snooze Button

7. Projection Button

1 Press the [] button to switch between 12H/24H.



Tip 1: Under 12H format, AM is displayed in the morning and PM is displayed in the afternoon.

Tip 2: Under 24H format, AM/PM is not displayed.

1. Long press the [🕒] button to enter the time setting, and the time number starts to flash.
2. Press [➕]/[➖] for time setting, long press [➕]/[➖] for quick setting.
3. After setting, press the [🕒] button again to confirm.

Tip: After 20 seconds with no operation, it will automatically confirm and exit the time setting

- 1 When the alarm rings, touch any button except the snooze button to stop the alarm that day.

1. Touch the [**Zz** •] button to adjust the screen brightness, from dark to bright (0%, 10%, 60%, 100%).

Tip 1: With AAA batteries, the screen brightness keeps default 60% for 5 seconds and then dims to 0%. You can touch the [**Zz** • ] button to wake up the screen again.

Tip 2: With USB powered and no adjustment, the screen brightness repeats this cycle 10%→60%→100%→0%. Touch the [**z.z.** ] button to adjust the brightness and it will stay on.

1. Touch the [] button to turn on projection.
2. Touch the [] button again to adjust the brightness, from dark to bright (0%, 10%, 60%, 100%).
3. Long press the [] button for 180° flip projection image.

Tip 1: With AAA batteries, the projection brightness is fixed at 60%, and turns off after 10 seconds.

Tip 2: With USB powered and no adjustment, the projection brightness repeats this cycle 10%→60%→100%→0%. Touch the [] button to adjust the brightness and it will stay on.

Press the [+] button to switch between °C and °F.
Note: below 0 degrees display "LO", above 50 degrees display "HI"

Default Time Format: 24
Default Alarm Time: 7:00
Default Time: 0:00
Default Alarm: Off
Default Ringtone: Off
Default Date: 2020.1.1

1. Two power supply modes: 3 AAA batteries and Micro USB powered.
2. Re-power on, the LCD screen will be fully displayed for 1 second and enter the normal time mode with a sound of 'DI'.
3. In the setting state, if there is no operation for 20 seconds, it will automatically return to the normal time mode.
4. Avoid exposure to strong sunlight.

1. Vibration/BBB plus Vibration: When the alarm clock rings, the signal is transmitted, and the vibrator starts to vibrate.
2. Distance: > 30m

Power Supply Mode	1.Battery: 3 AAA batteries 4.5V 2.USB powered: 4.5V-5.0V	Working Current	90mA (MAX)
Weekend Mode	ON with the "WEEKEND" pattern OFF without the "WEEKEND" pattern	Quiescent Current	15mA (MAX)
Projection Angle	90 degrees front / 30 degrees rear	Display	LCD
Projection Brightness	0%→10%→60% →100% Default 0%	Time Error	±30 seconds/month
Screen Brightness	0%→10%→60% →100% Default 60%	Volume	Low: L01 high: L02
Perpetual Calendar Range	2000.1.1-2099.12.31	Color	White
Temperature Range	0°C—50°C (32°F -122°F)	Alarm Time	3 minutes
Temperature Resolution	0.1°C	Snooze Time	9 minutes

1. Long press the [] button to enter the date setting, and the year number starts to flash.
2. Press [+]/[-] for date setting, long press [+]/[-] for quick setting.
3. Press the [] button again to confirm.

Figure 10-10 shows a digital display with the text "1 1 TUE 20.8". The first "1" is labeled "blink" and the second "1" is labeled "blink".

Tip 1: The default date is 2020.1.1, and the year number will not be displayed.

Tip 2: After 20 seconds with no operation, it will automatically confirm and exit the date setting.

1. Long press the **[🔒]** button to enter the alarm setting, the number 7:00 at the bottom right corner starts to flash.
2. Press **[+]/[-]** to set the alarm time, long press **[+]/[-]** for quick setting.
3. After setting, press the **[🔒]** button again to confirm the alarm time, and "L01" flashes.
4. Press **[+]/[-]** to select "L01" low volume and "L02" high volume.
5. Press the **[🔒]** button to confirm and exit the alarm setting.

Temperature Error	±1°C	Projection Color	Red
Temperature Detection Cycle	30 seconds	Net Weight	215g
Size	146.7*29.4*86.28mm	Battery Life	About 3 months

LED Indicator

- Orange: Heat
- Red: Low Battery, Hot Exhaust
- Yellow: High Charge, Clean
- Green: Green and Normal
- Blue: Clean and Dry Exhaust

Please make sure the status is turned on before ship

1. Toggle switch
 HI: High
 LO: Low
 OFF: Off

OFF - LO - HI

1

1. Toggle switch
HI: High
LO: Low
OFF: Off

1. Please place this vibrator on the bedside table or at a position that can be heard. Away from metal objects and other wireless signal sources.
2. The vibrator includes a built-in battery, which can supply power independently.
3. Signal Receiving: After receiving the signal from the clock, the vibrator will vibrate at the same time.
4. Vibration Gear: OFF, Low, High, from weak to strong
5. Vibration: After receiving the data once, the excess times data will not be processed
6. Vibration Time: With no operation from the clock, the vibrator will automatically turn off after 5 minutes. After Snooze time (9 minutes) and no operation from the clock, the vibrator will automatically turn off after 2 minutes.

1. Turned off by the clock
2. Switch the vibrator to "OFF"

Indicator Status:

1. Low Battery: red light flashes 1 time per second
2. Charging: red light stays on
3. Full Charge: green light stays on
4. Successful Connection: green light stays on for 5S, and the motor vibrates
5. Lost Code Detection: green light stays on for 5S

Working Voltage	5-5.5V	(micro) Input Current	500±50mA (MAX)
Built-in Battery	1000mAh/3.7V lithium battery	Working Current	Current during vibration: 410mA (MAX)
Color	Athens black	Quiescent Current	5uA≤
Vibration Gear	OFF, Low, High from weak to strong	Battery Life	Standby time: 3 months Working time(one vibration per day): 15-18 days
Center Frequency	433.9mHz	RF Transmit/Receive Distance	> 30m
Size	4*76*28mm	Sensitivity	-108dBm
		Net Weight	85g