

Alarm Clock With Vibrating Wrist Band

AR-1885



Features:

- Clock and calendar display
- Dual alarm clock and snooze
- Indoor temperature
- Low battery indicator
- Selectable audio alarm or vibration alarm on wrist belt, or both
- RF communication with the wrist belt
- Amber back light

Specifications:

Power:

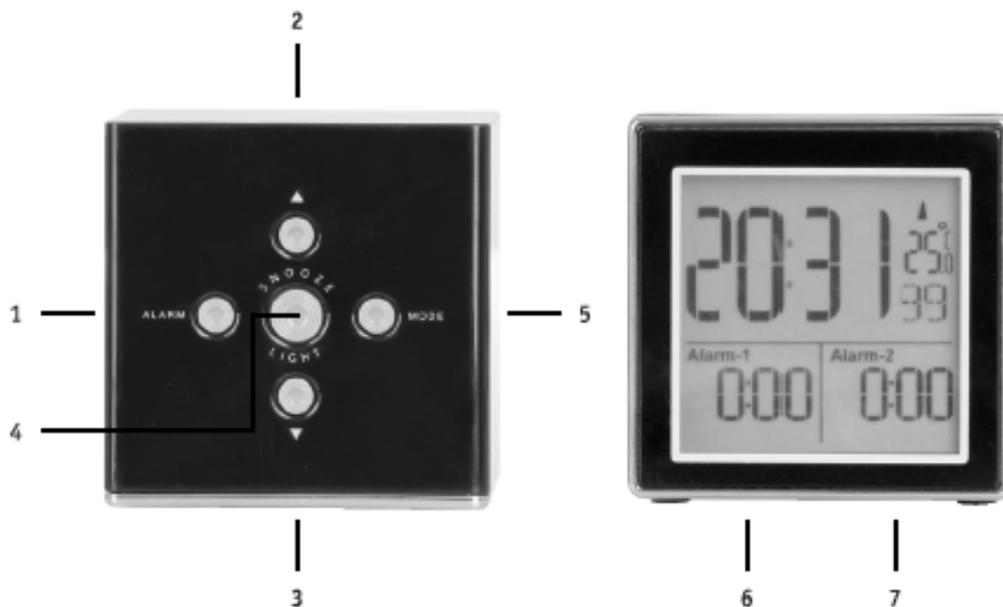
Clock: 3 x AAA Batteries
Wrist band: Lithium Ion Battery

Dimensions:

Clock: 67(W) x 67(H) x 67(D) mm
Vibrating Module: 43(W) x 33(L) x 10(D) mm
Wrist band: 32(W) x 3(D) mm

Product Diagram:

1. Alarm
2. Up
3. Down
4. Snooze/Light
5. Mode/Enter
6. Alarm 1 Display
7. Alarm 2 Display



Button Commands:

SNOOZE/LIGHT button:

- Activates the backlight for 8 seconds.
- Stops the alarm temporarily for 5 minutes.

MODE/ENTER button:

- Press once to choose the clock display:
 - o Hour/Minute/Second
 - o Hour/Minute/Weekday
 - o Calendar
 - o Buzzer Volume viewing
 - o Key Tone On/Off

Note: The unit will return automatically to Hour/Minute/Second display after viewing the Calendar or Buzzer Volume for 10 seconds

UP button:

- In the clock setting mode, press once to increase the setting value or toggle between 12/24 hour format, toggle the temperature unit C°/F°, RCC on/off, buzzer volume/frequency high/low.
- In alarm setting mode, press once to increase the setting value or select the alarm mode (alarm, vibration, both alarm and vibration, neither).
- In normal mode, press and hold for 2 seconds to activate RCC.
- In RCC receiving mode, press once to deactivate RCC.

DOWN button:

- In the clock setting mode, press once to decrease the setting value or toggle between 12/24 hour format, toggle the temperature unit C°/F°, RCC on/off, buzzer volume/frequency high/low.
- In alarm setting mode, press once to decrease the setting value or select the alarm mode (alarm, vibration, both alarm and vibration, neither).
- In normal mode, press and hold for 2 seconds to send sync command, which will last 90 seconds. Press any key to stop sending the sync command and return to normal mode.

ALARM button:

- Press once to cycle through:
 - o Normal mode
 - o Alarm 1 view mode
 - o Alarm 2 view mode
- In alarm 1/alarm 2 view modes, press and hold key for 2 seconds to enter alarm setting for each mode respectively.

RESET button:

- Press to reset the system, located inside the battery compartment.

Instructions:

Default Settings:

- Display mode: Hour/Minute/Second
- Language: English
- Clock time is January 1, 2012, 0:00
- The alarm time is 0:00 and the alarm is disabled.
- The time format is 24 hour (DCF) or 12 hour (WWVB)
- The temperature unit is °C (DCF or °F (WWVB).

ALARM and SNOOZE functions:

- When the alarms 1 or 2 is viewed on the display, press and hold the ALARM button for 2 seconds to enter the set mode of alarm time. The sequence is Hour—Minute—Alarm mode—Exit
- Press the UP or DOWN buttons to modify the alarm time. Press and hold the UP or DOWN buttons for 2 seconds to toggle the selections quickly.
- When the alarm displays, press UP or DOWN buttons to select alarm modes, it will cycle through Audio Alarm—Vibration alarm—Audio and Vibration—Disable.
- Press the ALARM button to enter next set parameter or exit.
- When the current time is the same as the alarm time, the alarm function will enable and the unit will sound for 90 seconds, any key except for the SNOOZE button will disable the alarm.
- When the unit sounds, if the SNOOZE button is pressed, the unit will enter snooze mode for 5 minutes. After 5 minutes the unit will sound again.
- While the unit is sounding, the icons  or  icons will flash.

Stopping an alarm:

When the alarm is beeping or vibrating on the wrist belt, press any key (except for SNOOZE/LIGHT button) and it will stop the beeping or vibrating.

RCC Function (DCF & WWVB):

- The unit receives RCC-Time; it will update the time and display the icon  after successfully receiving RCC data via RF.
- If the unit fails to receive RCC data within 10 minutes, the icon  will show.
- The unit will automatically try to receive RCC data at 3:00, the icon  will flash to indicate it is receiving RCC data; if it has detected an RCC signal, the icons  or  or  will flash to show signal strength.
- The unit will display the icon  if the user modifies the time in setting mode.
- RCC activation method:
 - o When powering on or after a reset, the radio-controlled clock will start receiving RCC.
 - o Press and hold the UP key for 2 seconds to manually activate RCC reception.
 - o RCC will automatically activate at 3:00am. Upon failure of receiving RCC successfully it will automatically try every hour following until 6:00am.
- During RCC receiving, pressing the UP or SNOOZE buttons will exit from RCC and the icon  will show to indicate that it failed to receive.
- For WWVB version, received time is adjusted by PMCE time zone and DST setting, as below:
 - o P time zone: RCC time -8
 - o M time zone: RCC time -7
 - o C time zone: RCC time -6
 - o E time zone: RCC time -5

Note: If RCC time DST is set and DST is on, then time should be +1

Temperature Display:

- The indoor temperature will sample every 30 seconds.
- The temperature range:
 - o -10°C to 60°C (14°F to 110°F)
 - o If more than 60°C, it will display “HH.H”
 - o If less than -10°C it will display “LL.L”

Sync with Wrist Band:

- Transmitter: If alarm 1 or alarm 2 has been set with vibration, press and hold the DOWN key for 2 seconds to send RF sync command. RF command will keep transmitting for 90 seconds; press any key except for the SNOOZE key to end sync with the wrist band. During sync with the wrist band, alarm 1 or alarm 2 icon will flash the icon .
- Wrist band: During sync with the wrist band, the wrist band must also enter sync mode; the wrist band enters this mode for 10 seconds after powering on. If the wrist band has received the sync command, it will check for the channel number, then vibrate for 1 second and the LED will flash red 4 times to indicate that the wrist band has synced to the transmitter.