WT 180 - Radio controlled alarm clock

Instructions manual

Front view

Back view
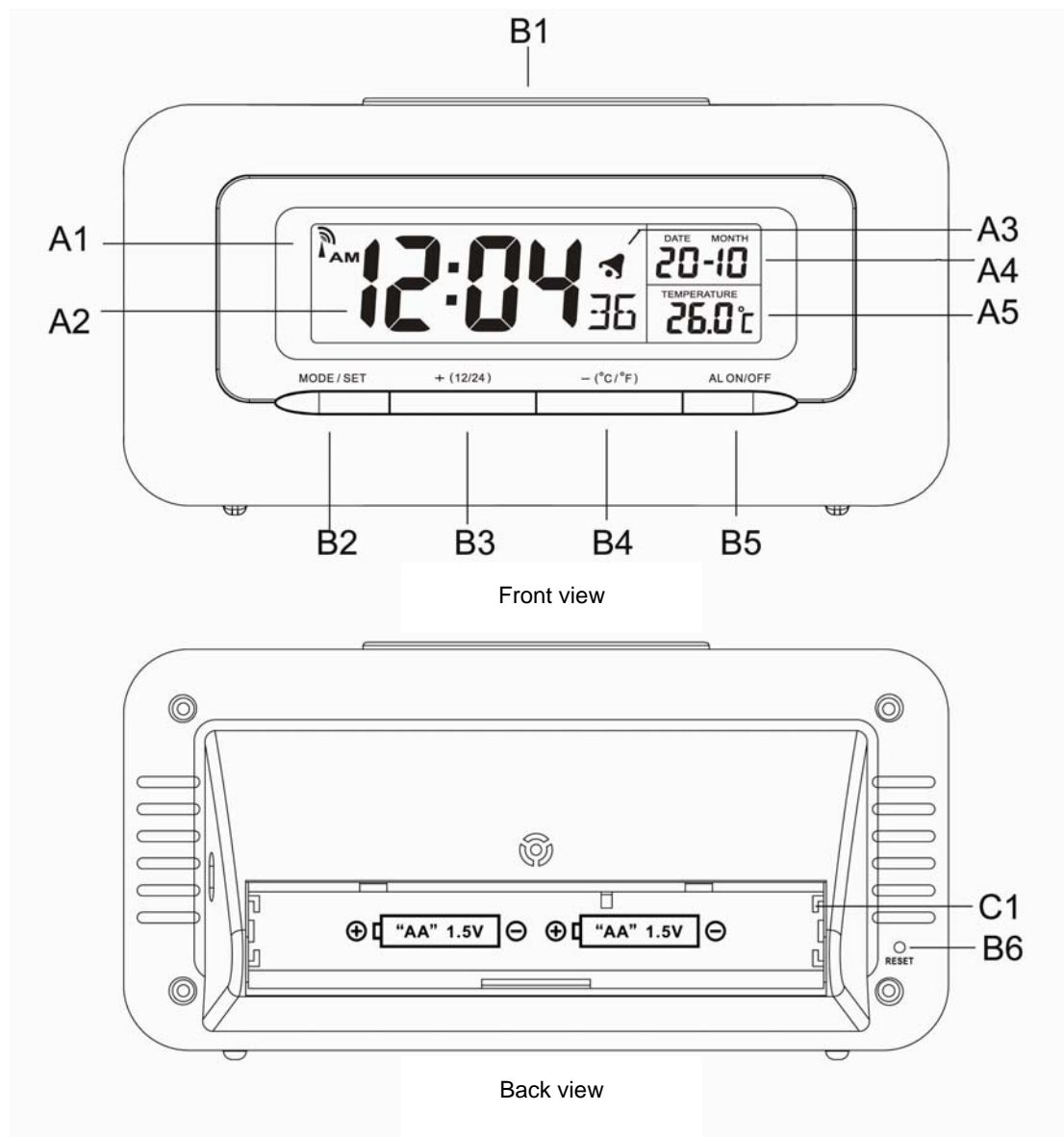
Part A - LCD
A1: DCF icon
A2 : Radio controlled time
A3: Alarm icon
A4: Month and date
A5: Temperature

Part B - Buttons
B1: "SNOOZE/LIGHT" button
B2: "MODE/SET" button
B3: "+(12/24)" button
B4: "-(°C/°F)" buttton
B5: "AL ON/OFF" button
B6: "RESET" button

Part C - Structure
C1: Battery Compartment

Set up and radio controlled time

- Insert 2 x AA batteries (not included) by observing the correct polarity signs (+/-) inside the battery compartment.
- The clock automatically starts scanning the RF 433MHz signal to register new thermo sensor unit after new batteries inserted. After registered the thermo sensor or press "CHANNEL" button to stop scanning, the clock will then automatically starts scanning the DCF time signal (" ▲ " flashes on the LCD).

    " ▲ " flashes indicate now is receiving the DCF signal.

    " 🔊 " turns on indicate signal received successfully.

    "DST" show on the LCD if it is in Daylight Saving Time Mode.

- The clock automatically scans the time signal at 3:00a.m. everyday to maintain accurate timing. For failed reception, scanning stops (" ↑ " on LCD disappear) and repeats again at 4:00a.m, 5:00a.m, and 6:00a.m.
- The clock manually scans the time signal by holding buttons "+" (B3) and "- "(B4). For failed reception, scanning stops (" ↑ " on LCD disappear) and repeats again in the next 4 hours (4 times) until received. e.g. scan at 8:20 failed, it will received again at 9:00; 10:00; 11:00; 12:00.
- Stop scanning by holding "+" (B3) and "-"(B4) buttons 3 second.

Notes:
- Buttons will not function while scanning for DCF time signal unless they are well received or stopped manually.
- Remove batteries and then insert batteries again and use a pin to press "RESET" (B6) to reset the unit if it does not work properly.
- Avoid placing the clock near interference sources/metal frames such as computer monitor or TV sets.
- The clock loses its time information when the battery is removed.

Manual time setting
1. Press "MODE" (B2) button to change the display content:
   Radio Controlled Time → Time + weekday → Alarm Time
2. When the time is displayed on LCD, hold "MODE" (B2) button for 2 seconds to enter time setting mode.
3. Press or hold "+" (B3) and "-" (B4) to adjust the Hour, Minutes, Time zone, Language of week day, Year, Month and Day.
4. Press "MODE" (B2) button to confirm each setting.

Notes:
- 7 languages can be selected for day-of-week-display: German, English, French, Italian, Spanish, Dutch and Denmark. The languages and their selected abbreviations for each day of the week are shown in the following table:

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
German, GE	SO	MO	DI	MI	DO	FR	SA
English, EN	SU	MO	TU	WE	TH	FR	SA
French, FR	DI	LU	MA	ME	JE	VE	SA
Italian, IT	DO	LU	MA	ME	GI	VE	SA
Spanish, ES	DO	LU	MA	MI	JU	VI	SA
Dutch, NE	ZO	MA	DI	WO	DO	VR	ZA
Denmark, DA	SO	MA	TI	ON	TO	FR	LO

- The time zone is used for the countries where can receive the DCF time signal but the time zone is different from the German time. When the country time is faster than the German time for 1 hr, the zone should be set to +1. Then the clock will automatically set 1 hour faster from the signal time received.

Snooze alarm function
1. Press "AL ON/OFF" (B5) button to switch the alarm on. " 🔔 " appears on the LCD.
2. Press "MODE" (B2) button twice to turn to alarm time display, hold "MODE" (B2) button 2 seconds (hour digit blink) to enter alarm time setting mode.
3. Press "+" (B3) or "-" (B4) buttons to adjust the alarm time.
4. Press "SNOOZE/LIGHT" (B1) button when alarm is alerted. The alarm snoozes for 8 minutes, then it alerts again.
5. Press "AL ON/OFF" (B5) button to switch off the alarm. (" 🔔 " disappear).

Thermometer
- Press "°C/°F" (B4) button to select thermometer in Celsius or Fahrenheit mode.

12/24 Hr
- Press "12/24" (B3) button to select 12 or 24 hours mode.

Backlight

- Press "SNOOZE/ LIGHT" (B1) button, back light states for 5 seconds

Precautions

- This main unit is intended to be used only indoors.
- Do not subject the unit to excessive force or shock.
- Do not expose the unit to extreme temperatures, direct sunlight, dust or humidity.
- Do not immerse in water.
- Avoid contact with any corrosive materials.
- Do not dispose this unit in a fire as it may explode.
- Do not open the inner back case or tamper with any components of this unit.

Batteries safety warnings

- Please read all instructions carefully before use.
- Use only alkaline batteries, not rechargeable batteries.
- Install batteries correctly by matching the polarities (+/-).
- Always replace a complete set of batteries.
- Never mix used and new batteries.
- Remove exhausted batteries immediately.
- Remove batteries when not in use.
- Do not recharge and do not dispose of batteries in fire as the batteries may explode.
- Ensure batteries are stored away from metal objects as contact may cause a short circuit.
- Avoid exposing batteries to extreme temperature or humidity or direct sunlight.
- Keep all batteries out of reach from children. They are a choking hazard.

 Consideration of duty according to the battery law

Old batteries do not belong to domestic waste because they could cause damages of health and environment. End-users are committed by law to bring back needed batteries to distributors and other collecting points!