WS8007
USER MANUAL

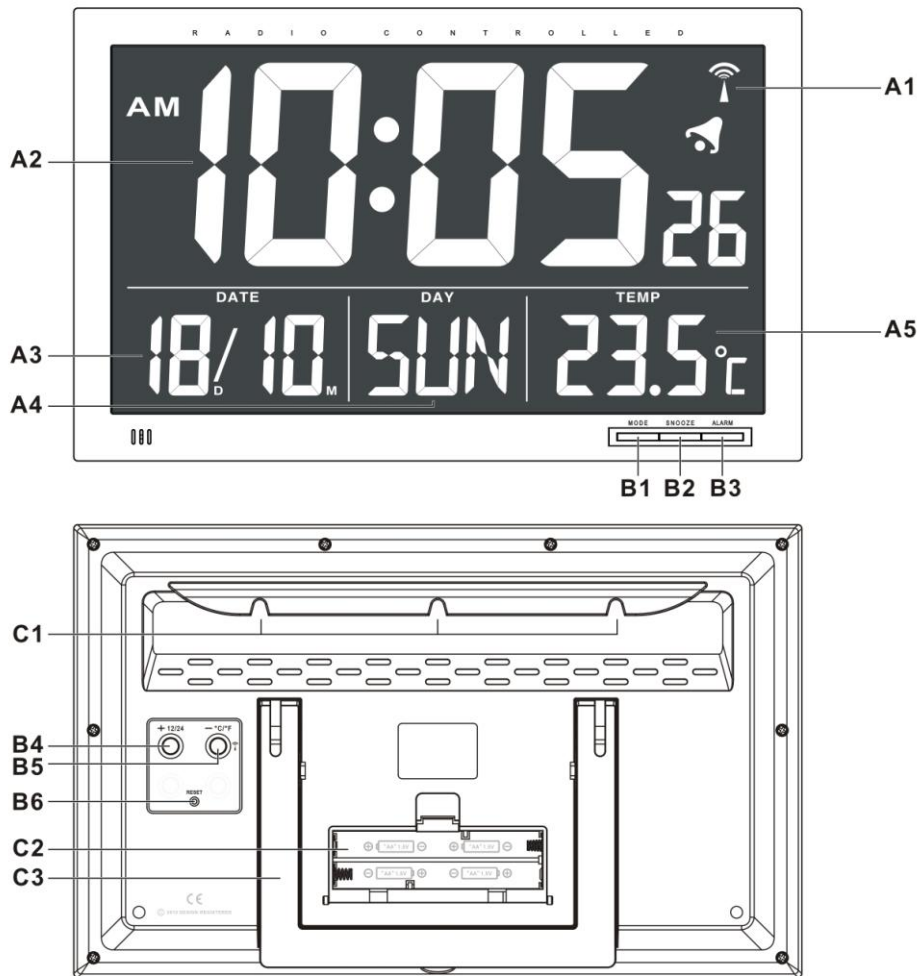# 1. Features

1.1 Time   -   Radio Controlled Time (RC-DCF)

-     12/24 hour time display selectable

-     Daily Alarm function

-     Perpetual Calendar Up to Year 2069

-     Day of week in 8 languages user selectable

1.2 Temperature   -   Indoor measurable range: 0°C ~+ 50°C

-     Measures °C / °F user selectable

2. Unit Appearance

Part A:

A1: Radio Controlled Icon   A4: Day of Week

A2:Time Display   A5: Indoor Temperature

A3: Date

Part B:

B1: "MODE" button   B4: "+/12/24" button

B2: "SNOOZE" button   B5: "-/C/F/ 📶 " button

B3: "ALARM" button   B6: "RESET" button

Part C:

C1: Wall Mount Hole   C3: Stand

C2: Battery Compartment

3. Getting Started:

3.1 Main Unit:

- Slide open battery compartment cover [C2]
- Insert 4 x AA size batteries observing polarity ["+" and" −" marks].
- Replace battery compartment cover [C2]
- Use a pin to press the RESET [B6] button on the rear of unit, the unit is now ready for use.

4. Time and Alarm Setting

4.1 Radio Controlled Clock:

- After batteries inserted, the clock automatically starts to scan the DCF time signal. Radio Control Icon" 📶 " flashes on the LCD.

📶 flashes, Indicating now is receiving DCF signal	📶 turns on, Indicating signal received successfully	📶 disappear, Indicating signal reception failed

- The clock automatically scans the time signal at 3.00 a.m. every day to maintain accurate timing. If reception fail, scanning stops (" 📶 " on LCD disappear) and repeats again at 4.00 a.m. 5.00a.m. and6.00a.m.

- The clock can be set to scan the time signal manually by holding " 📶 " button (B5) for 3 seconds. Each reception takes about 5 minutes. If receptions fail, scanning stops. (" 📶 " on LCD disappear) and repeats again on next full hour. E.g. scanning failed at 8:20a.m. It will scan again at 9:00a.m.

- Stop scanning by holding " 📶 " button (B5) for 3 seconds.

- "**DST**" shown on the LCD if it is in Daylight Saving Time Mode
  Note: Buttons will not function while scanning for DCF time signal unless they are well received or stopped manually.

4.2 Manual Time Setting:

- In time display mode, hold "MODE" button (B1) for 3 seconds to enter Clock/Calendar setting Mode.
- Press "+" (B4) or "-" (B5) button to adjust the setting and press "MODE" button (B1) to confirm each setting.
  (By keeping the "+" (B4) or "-" (B5) button pressed, could accelerate the process

and reach the desired value more quickly)

- The setting sequence is shown as follow: Hour, Minute, Second, Year, Month/Day sequence, Month, Date, Weekday Language, Time Zone
- There are 8 languages for day of week: German, English, French, Italian, Dutch, Spanish, Denmark and Russian. 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, GER	SON	MON	DIE	MIT	DON	FRE	SAM
English, ENG	SUN	MON	TUE	WED	THU	FRI	SAT
Denmark, DAN	SON	MAN	TIR	ONS	TOR	FRE	LOR
Dutch, NET	ZON	MAA	DIN	WOE	DON	VRI	ZAT
Italian, ITA	DOM	LUN	MAR	MER	GIO	VEN	SAB
Spanish, ESP	DOM	LUN	MAR	MIE	JUE	VIE	SAB
French, FRA	DIM	LUN	MAR	MER	JEU	VEN	SAM
Russian, RU	BC	NH	BT	CP	HT	NT	CY

Note:

(1) *All Setting mode will automatically exit in 15 seconds without any adjustment*

(2) *For Time Zone: If you receive no RC-DCF frequency signal, the time zone should be set to 0. Time Zone is used in countries which can received the DCF frequency signal but the time zone is different from German Time (i.e. GMT+1).*

4.3 Daily Alarm Function:

- Press " MODE" button (B1) to select to view alarm Time, "AL" shown on the display
- When viewing the Alarm Time, hold "MODE" button (B1) for 3 seconds to enter Alarm Time setting. Press "+" (B4) or "-" (B5) button to adjust the alarm time. Press "MODE" button (B1) to confirm the setting.

4.4 Snooze Alarm Function:

- Press "ALARM" Button (B3) to activate or deactivate the alarm. If the alarm is on, alarm icon " 🔊 " appears on the display.
- Press "SNOOZE" (B2) button when alarm alerts. The alarm snoozes for 5 minutes, then it alerts again. "Z^Z" flashes on the LCD during the snooze time. This process can be repeated 7 times.
- Except "SNOOZE" button, press any button to stop the alarm, or press "ALARM" (B3) to stop snooze alarm.

4.5 12/24 Hour Display mode:

- Press "12/24" (B4) button to select 12 or 24 hours mode.

5. Thermometer

- Press "°C/°F" (B5) button to select Temperature in Celsius mode/ Fahrenheit mode.
- If the temperature is out of the measurable range, LL.L (beyond the minimum temperature) or HH.H (beyond the maximum temperature) will be shown on the LCD.

6. Precautions

- *The clock loses its time information when the battery is removed.*
- *Do not expose it to direct sunlight, heavy heat, cold, high humidity or wet areas*
- *Never clean the device using abrasive or corrosive materials or products. Abrasive cleaning agents may scratch plastic parts and corrode electronic circuits*

7. Specifications

Unit Dimensions:	W368x h229 x d29mm
Battery Requirements:	4x AA size batteries
Temperature Range:	0°C to 50°C