

Environmental reception effects

The clock obtains the accurate time with wireless technology. Same as all wireless devices, the reception is maybe affected by the following circumstances:

- long transmitting distance
- nearby mountains and valleys
- near freeway, railway, airports, high voltage cable etc.
- near construction site
- among tall buildings
- inside concrete buildings
- near electrical appliances (computers, TV's, etc) and metallic structures
- inside moving vehicles

Place the clock at a location with optimal signal, i.e. close to a window and away from metal surfaces or electrical appliances.

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

- 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.

Use the product only for its intended purpose!

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. You can return used batteries free of charge to your dealer and collection points. As end-user you are committed by law to bring back needed batteries to distributors and other collecting points!

Consideration of duty according to the law of electrical devices



This symbol means that you must dispose of electrical devices separated from the General household waste when it reaches the end of its useful life. Take your unit to your local waste collection point or recycling centre. This applies to all countries of the European Union, and to other European countries with a separate waste collection system.

1. Features

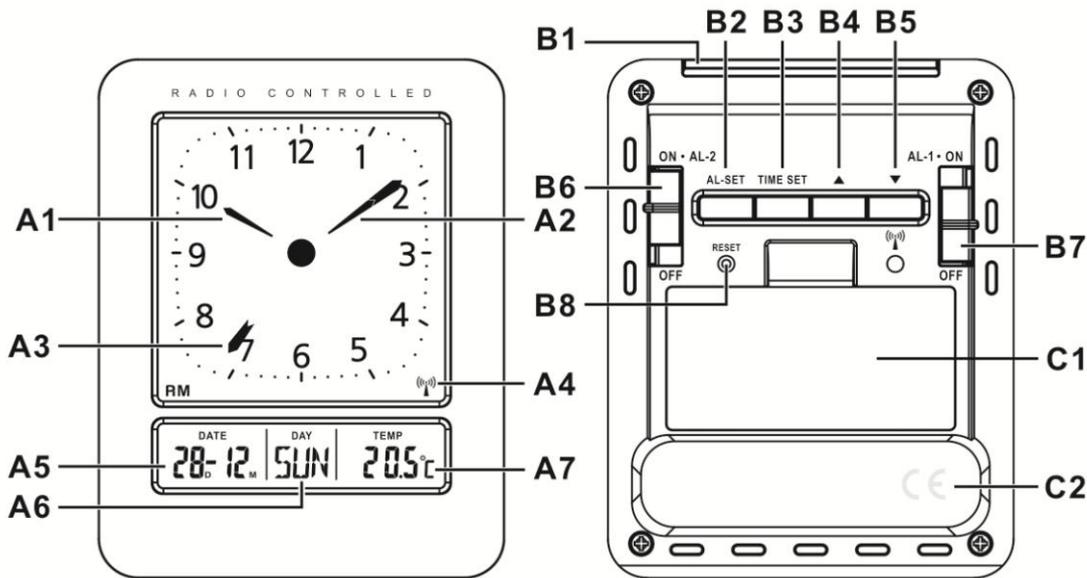
1.1 Time

- Radio Controlled Function Manual On/Off function
- Dual Alarm function
- Perpetual Calendar Up to Year 2099
- Day of week in 8 languages user selectable
- PM-Indicator

1.2 Temperature

- Indoor measurable range: -9.9°C ~+ 50°C
- Measures °C / °F user selectable

2. Unit Appearance



Part A-LCD

- A1: Hour
- A2: Minute
- A3: Second
- A4: Radio Control Icon

- A5: Date
- A6: Day of Week
- A7: Temperature

Part B-Button

- B1: "SNOOZE/LIGHT" Button
- B2: "AL SET" Button
- B3: "TIME SET" Button
- B4: "▲" Button

- B5: "▼ (radio icon)" Button
- B6: "AL 2 ON/OFF" Slide key
- B7: "AL 1 ON/OFF" Slide key
- B8: "RESET" Button

Part C-Structure

- C1: Battery Door
- C2: Stand

3. Getting Started:

- Open battery Cover (C1)
- Insert 2 x AAA size batteries observing polarity ["+" and "-" marks]

- Replace battery compartment cover
- Place the unit onto flat surface; the unit is ready for use now.

4. Time and Alarm Setting

4.1 Radio Controlled Time:

- After the start-up of the unit, the clock automatically starts to scan the DCF time signal. Radio Control Icon “” (A4) flashes on LCD.

 (A4) flashes, Indicating now is receiving DCF signal	 (A4) turns on, Indicating signal received successfully	 (A4) disappear, Indicating signal reception failed
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- The clock is automatically synchronized with the DCF radio signal every day at 2.00 am & 3.00 am to maintain accurate time keeping. If synchronization with the DCF radio signal fails, “” on LCD disappears and the clock then attempts to synchronize with the DCF radio signal at 4.00 am and 5am.
- The clock can be set to scan the radio signal manually by holding “” button (B5) for 3 seconds. Each reception takes around several 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 DCF radio signal by holding “” button (B5) for 3 seconds.
- “DST” is shown on the LCD if it is in Daylight Saving Time Mode

4.2 Manual Time Setting:

- In time display, Press “TIME SET” button (B3) to select to view :

Time & Date → Time & Year

- In time display, hold “TIME SET” button (B3) for 3 seconds to enter Clock/Calendar setting Mode.
- Press “” (B4) or “” (B5) button to adjust the setting and press “TIME SET” button (B3) 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: RCC ON/OFF, 12/24 Time format for alarm time, Time Zone, Hour, Minutes, Year, Month, Date, Language of Weekday, C/F (unit of temperature setting)
- There are 8 languages, English, German, French, Spanish, Italian, Dutch, Polish and Czech, for day-of-week. 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
English, ENG	SUN	MON	TUE	WED	THU	FRI	SAT
German, GER	SON	MON	DIE	MIT	DON	FRE	SAM
French, FRE	DIM	LUN	MAR	MER	JEU	VEN	SAM
Spanish, SPA	DOM	LUN	MAR	MIE	JUE	VIE	SAB
Italian, ITA	DOM	LUN	MAR	MER	GIO	VEN	SAB
Dutch, DUT	ZON	MAA	DIN	WOE	DON	VRI	ZAT
Poland, POL	NIE	PON	WTO	SRO	CZW	PIA	SOB
Czech, CZE	NED	PON	UTE	STR	CTV	PAT	SOB

Note:

- (1) All Setting mode will automatically exit in around 15 seconds without any adjustment
- (2) For Time Zone: If you receive no RC-DCF frequency signal, the time zone should be set to 00. 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).
- (3) 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.
- (4) 12/24 time format is used for alarm time

4.3 Dual Alarm Setting:

- Press “ AL SET” button (B2), time of alarm 1 flashes, press “▲” (B4) or “▼” (B5) button to adjust the alarm time. Press “AL SET” button (B2) to confirm the setting and move to the setting of alarm 2, press “▲” (B4) or “▼” (B5) button to adjust the time for alarm 2, press “AL SET” button (B2) to confirm and exit the setting

4.4.1 Alarm function:

- Slide “AL 1” or “AL 2” switch to “ON” to activate the ALARM 1 or ALARM 2 function, alarm time and alarm icon“(●)” appear on the display. Slide “AL 1” or “AL 2” switch to “OFF” to deactivate alarm function. Alarm icon“(●)” disappears from the display.

4.4.2 Snooze Alarm Function:

- When alarm sounds, except “SNOOZE” button, press any buttons to stop the alarm. Otherwise, the alarm signal sounds for about 2 minutes, then stops automatically
- Press “SNOOZE/LIGHT” (B1) button when alarm alerts. “(●)” flashes on the LCD. The alarm snoozes for around 4 minutes, then it alerts again. The snooze function can be enabled for maximum 8 times.

6. Backlight

- Press “LIGHT” button (B1), back light states for around 15 seconds.