WS8013 - USER MANUAL

Features

Time

- Radio Controlled Time (RC-DCF)
- 12/24 hour time display selectable
- Daily Alarm function
- Perpetual Calendar Up to Year 2099
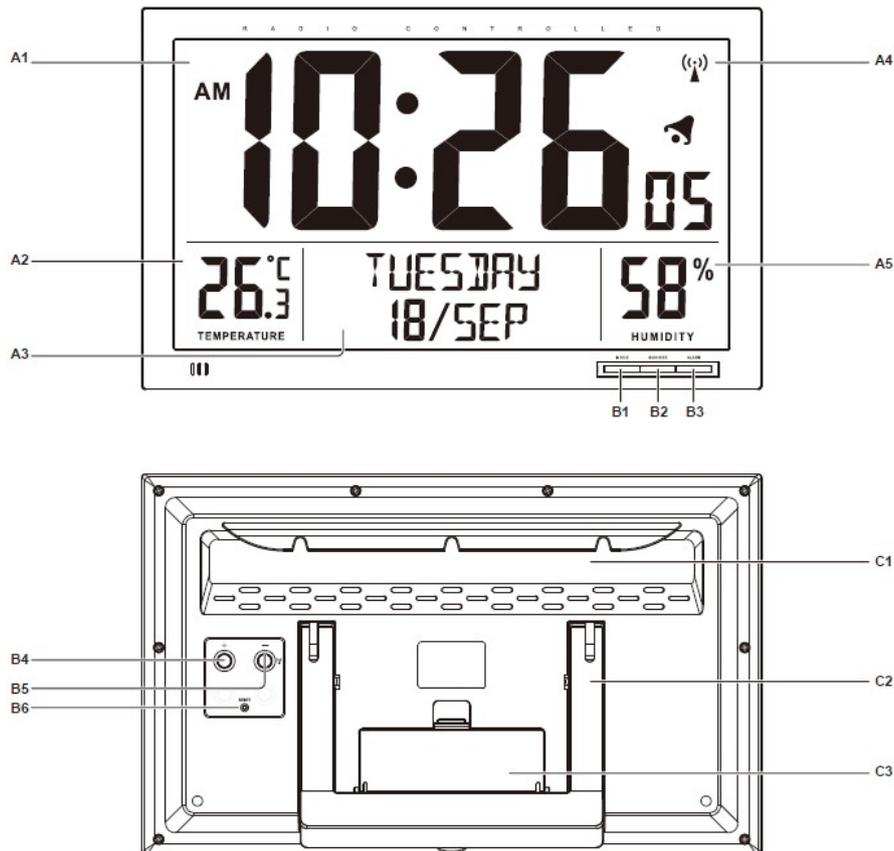- Day of week in 10 languages user selectable

Temperature

- Indoor measurable range: -10°C ~+ 50°C
- Measures °C / °F user selectable

Humidity

- Indoor measurable range: 20% ~ 99%

Unit Appearance

Part A:

A1: Time Display

A2: Temperature

A3: Day Of Week/Date

A4: Radio Controlled Icon

A5: Humidity

Part B:

B1: "MODE" button

B2: "SNOOZE" button

B5: "-/ ((•)) " button

B3: "ALARM" button

B6: "RESET" button

B4: "+" button

Part C:

C1: Wall Mount Holes

C3: Battery Compartment

C2: Stand

<u>**Getting Started:**</u>

Main Unit:

● Slide open battery compartment cover [C3]

● Insert 4 x AA size batteries observing polarity ["+" and" –" marks].

● Replace battery compartment cover [C3]

<u>**Time and Alarm Setting**</u>

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)

● The clock can be set to scan the time signal manually by holding " ((•)) " button (B5) for 3

seconds. Each reception takes about 5 minutes.

● Stop scanning by holding " ((•)) " button (B5) for 3 seconds.

● " ☼ DST " shown on the LCD if it is Daylight Saving Time

Manual Time Setting:

● In time display mode, press the "**MODE**" button (B1) for 3 seconds to enter time setting mode. 24 Hr is flashing on the display.

- Press the "**+**" (B4) or the "**-**" (B5) button to set 12 Hour or 24 Hour time display.
- Press the "**MODE**" button (B1) to confirm the changes and RCC on is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set RCC to on to activate radio controlled time or to RCC off to deactivate radio controlled time.
- Press the "**MODE**" button (B1) to confirm the changes and time zone 00 (CET) is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set a value of +/-23 hours time difference to CET.
- Press the "**MODE**" button (B1) to confirm the changes and the language is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the weekday language from the following options: German, English, French, Italian, Dutch, Spanish, Danish, Czech, Polish, Swedish.
- Press the "**MODE**" button (B1) to confirm the changes and the hour is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the hour.
- Press the "**MODE**" button (B1) to confirm the changes and the minute is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the minute.
- Press the "**MODE**" button (B1) to confirm the changes and the second is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the second.
- Press the "**MODE**" button (B1) to confirm the changes and the year is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the year.
- Press "**MODE**" button (B1) to confirm the changes and the month is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the month.
- Press "**MODE**" button (B1) to confirm the changes and the date is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the date.
- Press "**MODE**" button (B1) to confirm the changes and the temperature unit is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the temperature unit as °C or °F.
- Press "**MODE**" button (B1) to confirm the changes and the alarm sound duration unit is flashing.
- Press the "**+**" (B4) or the "**-**" (B5) button to set the alarm sound duration.
- Press "**MODE**" button (B1) to confirm the setting and return to time display mode.

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).

(3) Alarm sound duration: there are two options available, "1 minute" and "2 minutes".

(4) Second only can be adjusted to 0.

(5) By keeping the "+" (B4) or "-" (B5) button pressed, will accelerate the process and reach

the desired value more quickly

Daily Alarm Function:

● Press the "**MODE**" button (B1) select to view alarm time, "ALARM TIME" flashes on the display

● While viewing the alarm time, press the "**MODE**" button (B1) for 3 seconds to enter alarm time setting and the alarm hour is flashing.

● Press the "**+**" (B4) or the "**-**" (B5) button to set the alarm hour.

● Press the "**MODE**" button (B1) to confirm the changes and the alarm minute is flashing.

● Press the "**+**" (B4) or the "**-**" (B5) button to set the alarm minute.

● Press the "**MODE**" button (B1) to confirm the setting and return to time display mode.

Note:

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

(2) By keeping the "+" (B4) or "-" (B5) button pressed, will accelerate the process and reach the desired value more quickly

Snooze Alarm Function:

● Press the "**ALARM**" button (B3) to activate or deactivate the alarm. If the alarm is on, alarm icon " 🔔 " appears on the display.

● Press the "**SNOOZE**" (B2) button while the alarm sounds. The alarm snoozes for around 5 minutes, then it alerts again. "🔔" flashes on the LCD during the snooze time. This process can be repeated for 7 times.

● Press any buttons except the "**SNOOZE**" button to stop snooze alarm. Otherwise, base on the previous setting of alarm sound duration, the alarm alerts for 2 minutes or 1 minute, then stops automatically.

<u>Thermometer</u>

● 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.

● If the humidity is lower than 20%, 20% will be shown on the LCD and display 99% when it's higher than 99%.

<u>Precautions</u>

● 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

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.

LIABILITY DISCLAIMER

- The electrical and electronic wastes contain hazardous substances. Disposal of electronic waste in wild country and/or in unauthorized grounds strongly damages the environment.

- Please contact your local or/and regional authorities to retrieve the addresses of legal dumping grounds with selective collection.

- All electronic instruments must from now on be recycled. User shall take an active part in the reuse, recycling and recovery of the electrical and electronic waste.

- The unrestricted disposal of electronic waste may do harm on public health and the quality of environment.

- As stated on the gift box and labeled on the product, reading the "User manual" is highly recommended for the benefit of the user. This product must however not be thrown in general rubbish collection points.

- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.

- This product is designed for use in the home only as indication of the temperature.

- This product is not to be used for medical purposes or for public information.

- The specifications of this product may change without prior notice.

- This product is not a toy. Keep out of the reach of children.

- No part of this manual may be reproduced without written authorization of the manufacturer.

<u>RED Directive 2014/53/EU</u>

Summary of the Declaration of Conformity : We hereby declare that this wireless transmission device does comply with the essential requirements of RED Directive 2014/53/EU.

LA CROSSE TECHNOLOGY

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