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You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY WS9130. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY WS9130 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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WIRELESS 868 MHz WEATHER STATION
Instruction Manual

INTRODUCTION:
Congratulations on purchasing this Weather Station with wireless 868 MHz transmission of outdoor temperature and display of indoor temperature, weather forecast icons and weather tendency indicators. It is further featuring a DCF-77 radio controlled clock and alarm function. With four easy to use function keys, this innovative product is ideal for use in the home or office.

Instant Transmission⁺ is the up and coming state-of-the-art new wireless transmission technology, exclusively designed and developed by LA CROSSE TECHNOLOGY. "IT⁺" offers you an immediate update of all your outdoor data measured from the transmitters: follow your climatic variations in real time!



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Manual abstract:

It is further featuring a DCF-77 radio controlled clock and alarm function. With four easy to use function keys, this innovative product is ideal for use in the home or office. « Instant Transmission+ » is the up and coming state-of-the-art new wireless transmission technology, exclusively designed and developed by LA CROSSE TECHNOLOGY. "IT + " offers you an immediate update of all your outdoor data measured from the transmitters: follow your climatic variations in real-time! 31 FEATURES: The Weather station Hanging hole Battery compartment cover LCD Display Foldout Stand Function Keys 32

DCF-77 Radio controlled time function with manual time setting options DCF time reception ON/OFF 24 hour display Alarm function with snooze Temperature display in degree Celsius (° C) Indoor and outdoor temperature with MIN/MAX records Manual reset of MIN/MAX records 3 weather forecast with weather tendency indicator Wireless transmission at 868 MHz Signal reception intervals at 4 seconds Low battery indicator Wall mounting or table standing (foldout stand) . . . Remote transmission of outdoor temperature to Temperature Station by 868 MHz signals Shower proof casing Wall mounting and table-standing The Outdoor Temperature Transmitter 33 SETTING UP: Note: This weather station receives only one outdoor transmitter. 1. 2. First, insert the batteries into the Temperature transmitter. (see "Install and replace batteries in the Temperature transmitter"). Immediately after and within 30 seconds, insert the batteries into Weather station (see "Install and replace batteries in the Weather station"). Once the batteries are in place, all segments of the LCD will light up briefly.

Following the time as 0:00 and the weather icon will be displayed. If these are not displayed after 60 seconds, remove the batteries and wait for at least 10 seconds before reinserting them. After inserting the batteries, the Weather station will start receiving data from the transmitter. @@@@This takes typically between 3-5 minutes in good conditions. 3.

4. 5. 34 Note: Daily DCF reception is done at 02:00 and 03:00 every day. If the reception at 03:00 is not successful, then at 04:00 and 05:00 and 06:00 there are other tries, until one is successful. If the reception at 06:00 is still not successful, then the next try takes place at 02:00 next day.

If reception is successful, the received time will override the manually set time. (Please refer also to notes on "DCF-77 Radio Controlled Time" and "Manual Time Setting") HOW TO INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE STATION The Weather Station uses 2 x AAA, IEC LR3, 1.5V batteries. When batteries will need to be replaced, the low battery icon will appear on the LCD. To install and replace the batteries, please follow the steps below: 1. 2. 3. Lift up the battery compartment cover. Insert batteries observing the correct polarity (see marking). Replace compartment cover.

35 HOW TO INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE TRANSMITTER The Temperature Transmitter uses 2 x AA, IEC LR6, 1.5V battery. To install and replace the batteries, please follow the steps below: 1. 2. 3. Remove the battery compartment cover at the back of the transmitter. Insert the batteries, observing the correct polarity (see marking). Replace the battery compartment cover on the unit. Note: In the event of changing batteries in any of the units, all units need to be reset by following the setting up procedures. This is because a security code is assigned by the transmitter at start-up and this code must be received and stored by the Weather station in the first 3 minutes of power being supplied to it.

BATTERY CHANGE: It is recommended to replace the batteries in all units regularly to ensure optimum accuracy of these units (Battery life See Specifications below). Please participate in the preservation of the environment. Return used batteries to an authorised depot. 36 FUNCTION KEYS: Weather station: The weather station has four easy to use function keys. SET key MIN/MAX RESET key + key ALARM key SET key · Press the key to enter manual setting modes: Time zone, Time reception ON/OFF and Manual time · Stop the alarm + key · To make adjustment for various settings · Stop the alarm 37

ALARM key · Enter the alarm setting mode · Switch the alarm ON/ OFF · Stop the alarm MIN/MAX RESET key · Press and hold to reset the MIN/MAX temperature records · Activate the snooze · Exit manual setting modes 38 LCD SCREEN AND SETTINGS: Radio controlled time reception icon Alarm icon Low battery indicator (weather station) Indoor Temperature in ° C Weather tendency indicator MIN/MAX indoor temperature Weather forecast icon Time Low battery indicator (transmitter) Outdoor Temperature in ° C Outdoor Reception Signal icon* MIN/MAX outdoor temperature 39 * When the outdoor signal is successfully received by the Weather Station, this icon will be switched on.

(If not successful, the icon will not be shown in LCD) So user can easily see whether the last reception was successful (icon on) or not (icon off). For a better display clarity, the LCD screen is split into 4 sections. Section 1 - TIME AND ALARM · In normal mode display of radio controlled time · A reception tower symbol will be shown indicating that the DCF-77 time signal is scanned for (flashing) or received (steady). Note: The symbol will not be shown when radio time reception is not successful or when time reception function is turned off. · In normal display, the alarm icon will be shown when the alarm is turned on. Or when the snooze function is activated, the alarm icon will be flashing. @@To set a different time zone: 1. The current time zone value starts flashing. 2.

Use the + key to set the time zone. The range runs from 0, -1, -2...-12, 12, 11, 10.

. 2, 1, 0, in consecutive 1-hour intervals. 3. @@The clock will then work as a normal Quartz clock. (Default setting is ON). 1. The digit "ON" digit will start flashing on the LCD. 2. Use the + key to turn OFF the time reception function if necessary. 3.

Confirm with the SET key and enter the Manual time setting. @@@@The clock will then work as a normal Quartz clock. Minutes (flashing) Hours (flashing) 43 To set the clock: 1. The hour digits start flashing in the time display section. 2.

@@3. The minute will be flashing. Press the + key to just the minutes. 4. Confirm with the SET key and exit the setting mode.

@@@During reception attempts, the DCF tower icon will flash. @@@@2. The hour digit and the alarm icon will be flashing. Press the + key to adjust the hour. 44 3. 4. 5. Press ALARM button once and minute digit will be flashing. User shall then press + button to set the minute.



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Press ALARM button once to confirm the setting.

@@@2. @@@@In areas that experience sudden changes in weather (for example from sunny to rain), the Weather Station will be more accurate compared to use in areas where the weather is stagnant most of the time (for example mostly sunny). If the Weather Station is moved to another location significantly higher or lower than its initial standing point (for example from the ground floor to the upper floors of a house), remove the batteries and re-insert them after about 30 seconds. By doing this, therom the desired locations. 1. Fix a screw (not supplied) into the desired wall, leaving the head extended out the by about 5mm. 2. Remove the stand from the Weather Station by pulling it away from the base and hang the station onto the screw. Remember to ensure that it locks into place before releasing. 51 Free standing With the foldout stand, the weather station can be placed onto any flat surface.

POSITIONING THE TEMPERATURE TRANSMITTER: The Transmitter is supplied with a holder that may be attached to a wall with the two screws supplied. The Transmitter can also be position on a flat surface by securing the stand to the bottom to the Transmitter. 52 To wall mount: 1. Secure the bracket onto a desired wall using the screws and plastic anchors. 2.

Clip the remote temperature sensor onto the bracket. Note: Before permanently fixing the transmitter wall base, place all units in the desired locations to check that the outdoor temperature reading is receivable. In event that the signal is not received, relocate the transmitters or move them slightly as this may help the signal reception. CARE AND MAINTENANCE: · · Extreme temperatures, vibration and shock should be avoided as these may cause damage to the unit and give inaccurate forecasts and readings. Precautions shall be taken when handling the batteries.

Injuries, burns, or property damage may be resulted if the batteries are in contact with conducting materials, heat, corrosive materials or explosives. The batteries shall be taken out from the unit before the product is to be stored for a long period of time. Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended type. · 53 · · · · · When cleaning the display and casings, use a soft damp cloth only. Do not use solvents or scouring agents as they may mark the LCD and casings. Do not submerge the unit in water. Special care shall be taken when handling a damaged LCD display. The liquid crystals can be harmful to user's health. Do not make any repair attempts to the unit.

Return them to their original point of purchase for repair by a qualified engineer. Opening and tampering with the unit may invalidate their guarantee. Never touch the exposed electronic circuit of the device as there is a danger of electric shock should it become exposed. Do not expose the units to extreme and sudden temperature changes, this may lead to rapid changes in forecasts and readings and thereby reduce their accuracy. SPECIFICATIONS: Recommended operating temperature range : 0°C to 50°C Temperature measuring range: Indoor : -9.9°C to +37.8°C with 0.1°C resolution ("OF.L" displayed if outside this range) Outdoor : -39.9°C to +59.

9°C with 0.1°C resolution 54 ("OF.L" displayed if outside this range) Indoor temperature checking interval : every 16 seconds Outdoor data reception : every 4 seconds Power consumption: Weather station : 2 x AAA, IEC, LR3, 1.5V Temperature transmitter : 2 x AA, IEC, LR6, 1.5V Battery life cycle (Alkaline batteries recommended) : Approximately 12 months Dimensions (L x W x H) Weather station Temperature transmitter · · · : 84 x 22.

6 x 149 mm 38.2 x 21.2 x 128.3 mm LIABILITY DISCLAIMER: The electrical and electronic wastes contain hazardous substances. @@@All electronic instruments must from now on be recycled.

@@@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 and other weather data. 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. R&TTE Directive 1999/5/EC Summary of the Declaration of Conformity : We hereby declare that this wireless transmission device does comply with the essential requirements of R&TTE Directive 1999/5/EC. 56 .



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