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You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY WS9090. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY WS9090 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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Manual abstract:

With only two easy to use 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! 23 THE TEMPERATURE STATION Hanging hole Battery compartment SET key Stand LCD display FEATURES: The Temperature Station MIN/MAX/+ key DCF-77 Radio Controlled time with manual settings Time display (hour, minutes, seconds) Time reception ON/OFF 12/24 hour time format Calendar display (month, date, weekday) Time zone option ±12 hours Temperature display in Celsius (° or Fahrenheit (° selectable C) F) Indoor and outdoor temperature display with MIN/MAX records All MIN/MAX recordings can be reset Wireless transmission at 868 MHz Signal reception intervals at 4-second 24 . . Low battery indicator Table standing or wall mountable THE OUTDOOR TEMPERATURE TRANSMITTER Remote transmission of outdoor temperature to temperature station by 868MHz Weather-resistant casing Wall mounting case Mount in a sheltered place. Avoid direct rain and sunshine SETTING UP: Note: This temperature 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 Temperature station (see "Install and replace batteries in the Temperature station"). Once the batteries are in place, all segments of the LCD will light up briefly.

Following the time as 0:00 will be displayed and indoor temperature. 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 Temperature station will start receiving data from the transmitter. @@@@This takes typically between 3-5 minutes in good conditions. If after 10 minutes, the DCF time has not been received, press the SET key to manually enter a time initially.

Note: Daily DCF reception is done at two hours interval until a reception is successful for the day. If the reception is still not successful, then the next try takes place at 00:00 the next day. If reception is successful, the received time will override the manually set time. The date is also updated with the received time. (Please refer also to notes on "DCF-77 Radio Controlled Time" and "Manual Time Setting") INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE STATION The Temperature station uses 2 x AAA, IEC LR3, 1.

5V batteries. To install and replace the batteries, please follow the steps below: 1. Remove the cover at the back of the temperature station. 2. 3. Insert batteries observing the correct polarity (see marking). Replace compartment cover. 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.

Remove the battery compartment cover at the back of the transmitter. 2. Insert the batteries, observing the correct polarity (see marking). 3. 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 Temperature 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 authorized depot.

27 FUNCTION KEYS: Temperature Station: There are two easy-to-use function keys in the Temperature Station MIN/MAX/+ key SET key SET key · Press and hold for about 3 seconds to enter the Manual setting modes: manual time, year, date, month, weekday, 12/24 hour time format, time zone, time reception ON/OFF, and temperature settings. · Press and hold to reset the indoor and outdoor MIN/MAX temperature records · MIN/MAX/+ key To make adjustments for various settings in manual setting modes To toggle between the MIN/MAX readings of indoor/ outdoor temperature 28 LCD SCREEN AND SETTINGS DCF Tower Icon (for time reception) Calendar Low battery icon (transmitter) Outdoor transmission signal* Outdoor temperature Time Low battery icon (station) Indoor temperature * 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 better distinctness the LCD screen is split into 2 sections: Section 1 - TIME AND CALENDAR · Display the current time and calendar. · A signal reception symbol is shown indicating that Atomic time (DCF time) signal is received.

Section 2 - INDOOR AND OUTDOOR TEMPERATURE · Display the current indoor temperature in normal display. · Low battery indicator (temperature station) · Display the outdoor temperature. 29 · Display the signal reception symbol indicating that receiver is receiving outdoor data. @@@@The clock will then be a normal Quartz clock. @@@@The hour digit in the time section starts flashing.

Use the MIN/MAX/+ key to set the hour. 31 2. 3. 4. Press the SET key to enter the minutes. The minute digits start flashing. Use the MIN/MAX/+ key to set the minute. @@@@1. in the year 2008. @@@@2.

3. The year digits will start flashing. Use the MIN/MAX/+ key to set the year (2008 to 2029). @@Use MIN/MAX/+ key to adjust the month. Then press the SET key to enter the day. Use MIN/MAX/+ key to adjust the day. Weekday (flashing) 32 4. @@Use MIN/MAX/+ key to adjust the weekday. @@@@2. Use the MIN/MAX/+ key to select the "12h" or "24h" display mode.

Press the SET to confirm and to enter the Time zone setting mode. Note: When 24h mode display is selected, the calendar format will be "Weekday. Day. Month" display. When 12h mode display is selected, the calendar format will be "Weekday.

Month. Day" display. TIME ZONE SETTING The time zone can be set between ±12 hours (default 0 hour): Time zone (flashing) 1. 2. 3. The time zone starts flashing. Use the MIN/MAX/+ key to change the time zone. The range runs from 0, -1, 2.



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...12, 12, 11, 10... 2, 1, 0, in consecutive 1-hour intervals. Press the SET key to confirm and enter the Time reception ON/OFF setting mode.

TIME RECEPTION ON/OFF SETTING In area where reception of the radio-controlled time (DCF time) is not possible, the time reception function can be turned OFF. The clock will then work as a normal Quartz clock. (Default setting is ON). flashing 34 1. 2. 3. The "ON" digits will start flashing on the LCD. Use the MIN/MAX/+ key to turn OFF the time reception function if necessary. C/° Confirm with the SET key and enter the ° F Temperature unit setting mode. Note: If the Time Reception function is turned OFF manually, the clock will not attempt any reception of the radio-controlled time (DCF time) as long as the Time Reception OFF function is activated.

The Time Reception icon will not be displayed on the LCD. ° C/°F TEMPERATURE UNIT SETTING The default temperature reading is set to ° (degree Celsius). To select ° (degree C F Fahrenheit): flashing 1.g 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. 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.

· · · · · 40 · 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: Temperature measuring range: Indoor : -9.9°C to +59.9°C with 0.1°C resolution (14.1° to +139.8° with 0.2° resolution) F F F ("OF.L" displayed if outside this range) Outdoor : -39.9°C to +59.9°C with 0.1°C resolution (-39.8° to +139.8° with 0.2° resolution) F F F ("OF.

L" displayed if outside this range) Indoor Temperature checking interval : every 16 seconds Outdoor Temperature reception : every 4 seconds Power consumption: Temperature Station : 2 x AAA, IEC LR3, 1.5V Outdoor Temperature Transmitter : 2 x AA, IEC LR6, 1.5V Battery life cycle : approximately 24 months (Alkaline batteries recommended) Dimensions (L x W x H): Temperature Station : 109 x 18.8 x 103.6 mm Outdoor Temperature Transmitter : 38.2 x 21.2 x 128.3 mm 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. 41 · · · · · 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. @ @ @ @ @ @ 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. 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. 42 .



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