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You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY WS9623. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY WS9623 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:

It not only displays the indoor temperature and humidity but also receives the outdoor temperature. It is further acting as a DCF-77 radio controlled clock. With the totally 15 different weather forecast icons featured by "weather man", users can easily observe the forecast weather condition and will no longer worry the sudden weather change. 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! 1 FEATURES: The Weather station Hanging hole LCD Display Battery compartment cover Function Keys Foldout Stand 2 DCF Radio controlled time function or manual time setting options DCF time reception ON/OFF setting 12/24 hour display Hour and minute display Time zone option ±12 hours Wireless transmission at 868 MHz Signal reception intervals at 4-second Display indoor and outdoor temperature and indoor humidity (% RH) Temperature display in degrees Celsius (°C) or Fahrenheit (°F) selectable Weather forecasting with 15 easy-to-read weather forecast signs featured by Weatherman Weather forecasting icon sensitivity setting Indoor and Outdoor temperature display with MIN/MAX recording All MIN/MAX temperature records show date and time received All MIN/MAX recordings can be reset Can take up to three outdoor transmitters LCD contrast setting Low battery indicator Table standing/ Wall mounting 3 The Outdoor Temperature Transmitter . . . Remote transmission of outdoor temperature to Weather Station by 868 MHz Shower proof casing Wall mounting case (Mounting at a sheltered place. Avoid direct rain and sunshine) SETTING UP: When one transmitter is used 1. First, insert the batteries into the Temperature transmitter. (see "Install and replace batteries in the Temperature transmitter"). 2.

Immediately after and within 25 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 man" icon will be displayed. @@@@User shall remove all the batteries from the weather station and transmitters and wait for 60 seconds if setting has been done with one transmitter before. 2. Insert the batteries to the first transmitter. 3. Within 25 seconds of powering up the first transmitter, insert the batteries to the Weather Station. Once the batteries are in place, all segments of the LCD will light up briefly. Following time as 0:00 and the weather man icon will be displayed. If they are not shown in LCD after 60 seconds, remove the batteries and wait for at least 60 seconds before reinserting them. 4. The outdoor temperature from the first transmitter (channel 1) should then be displayed on the Weather station. Also, the signal reception icon will be displayed. If this does not happen after 2 minutes, the batteries will need to be removed from both units and reset from step 1. 5. Insert the batteries to the second transmitter as soon as the outdoor temperature readings from the first transmitter are displayed on the Weather station. Note: User shall insert the batteries into the second transmitter within 25 seconds of reception of the first transmitter. 6. The outdoor temperature from the second transmitter and the "channel 2" icon should then be displayed on the Weather station.

If this does not happen after 2 minute, the batteries will need to be removed from all the units and reset from step 1. Insert the batteries to the third transmitter as soon as the "channel 2" icon and outdoor data are displayed on the Weather station. Then within 2 minutes, the channel 3 outdoor data from the third transmitter will be displayed and the channel icon will shift back to "1" once the third transmitter is successfully received. If this is not happen, user shall restart the setting up from step 1. 7. Note: User shall insert the batteries into the third transmitter within 25 seconds of reception of the second transmitter. 8. In order to ensure sufficient 868 MHz transmission however, this should under good conditions be a distance no more than 100 meters between the final position of the Weather Station and the transmitter (see notes on "Mounting" and "868 MHz Reception"). 6 IMPORTANT: Transmission problems will arise if the setting for additional sensors is not followed as described above. Should transmission problems occur, it is necessary to remove the batteries from all units and start again the set-up from step 1.

9. Once the remote temperature has been received and displayed on the Weather station, the DCF time (radio controlled time) code reception is automatically started. 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 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. The date is also updated with the received time. (Please refer also to notes on "DCF Reception" and "Manual Time Setting") 7 BATTERY INSTALLATION INSTALL AND REPLACE BATTERIES IN THE WEATHER STATION The Weather station uses 2 x AA, IEC LR6, 1.

5V batteries. To install and replace the batteries, please follow the steps below: 1. Remove the cover at the back of the weather station. 2. Insert batteries observing the correct polarity (see marking). 3. 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: 8 1. 2. 3. Pull out the battery holder at the bottom of the transmitter. Insert the batteries, observing the correct polarity (see marking). Replace the battery holder 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 random 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).



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30 RESETTING THE INDOOR MAXIMUM/ MINIMUM RECORDS 1. 2. 3. 4. 5.

In normal display mode, press the MIN/MAX button three times to advance to the indoor MAX display. Press the SET key once, this will reset the currently shown indoor maximum temp recorded to the current time, date and temperature. Press the MIN/MAX button once more to advance to the indoor MIN display. Press the SET key once, this will reset the currently shown indoor minimum temp recorded to the current time, date and temperature. Press the MIN/MAX button once more to return to the normal display.

868 MHz RECEPTION The Weather station should receive the temperature data within 5 minutes after set-up. If the temperature data is not received 5 minutes after setting up (not successfully continuously, the outdoor display shows "- - -"), please check the following points: 1. The distance of the weather station or transmitter should be at least 1.5 to 2 meters away from any interfering sources such as computer monitors or TV sets. 2. Avoid positioning the Weather station onto or in the immediate proximity of metal window frames. 3. Using other electrical products such as headphones or speakers operating on the same signal frequency (868MHz) may prevent correct signal transmission and reception. 31 4. Neighbours using electrical devices operating on the 868MHz signal frequency can also cause interference.

Note: When the 868MHz signal is received correctly, do not re-open the battery cover of either the transmitter or Weather station, as the batteries may spring free from the contacts and force a false reset. Should this happen accidentally then reset all units (see Setting up above) otherwise transmission problems may occur. The transmission range is about 100 m from the transmitter to the Weather station (in open space). However, this depends on the surrounding environment and interference levels. If no reception is possible despite the observation of these factors, all system units have to be reset (see Setting up).

MOUNTING POSITIONING THE WEATHER STATION: The Weather Station may be hung onto wall easily or free standing. 32 To wall mount Choose a sheltered place. Avoid direct rain and sunshine. Before wall mounting, please check that the outdoor temperature values can be received from the desired locations. 1.

2. Fix a screw (not supplied) into the desired wall, leaving the head extended out the by about 5mm. 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. 33 Free standing With the foldout stand, the weather station can be placed onto any flat surface.

34 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. 35 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. 36 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. 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. Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended type. 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. 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°F to +139.8°F with 0.2°F resolution); "OF.L" displayed if outside this range 37 Outdoor : -39.9°C to +59.9°C with 0.1°C resolution (-39.8°F to +139.

8°F with 0.2°F resolution); "OF.L" displayed if outside this range Relative humidity measuring range: Indoor : 1% to 99% with 1% resolution (displays "- -" when lower than 1 %; displays "99" % if higher than 99 %) Indoor temperature checking interval : Indoor humidity checking interval : Outdoor data reception : Power supply: Weather station Temperature transmitter every 15 seconds every 20 seconds every 4 seconds : : 2 x AA, IEC, LR6, 1.5V 2 x AA, IEC, LR6, 1.5V Battery life cycle (Alkaline batteries recommended) Weather station : Approximately 12 months Temperature transmitter : Approximately 12 months Dimensions (L x W x H) Weather station Temperature transmitter : : 92 x 30.

7 x 160 mm (3.62" x 1.21" x 6.30") 38.2 x 21.2 x 128.3 mm (1.50" x 0.83" x 5.05") 38 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. @@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.

39 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. 40 .



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