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You can read the recommendations in the user guide, the technical guide or the installation guide for LA CROSSE TECHNOLOGY RS3620. You'll find the answers to all your questions on the LA CROSSE TECHNOLOGY RS3620 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

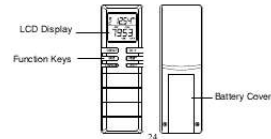
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**User guide LA CROSSE TECHNOLOGY RS3620**  
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## Operating Manual Remote Cost Control Monitor

**INTRODUCTION:**  
Congratulations on purchasing the Remote Cost Control. This is a state-of-the-art power monitoring socket that is highly accurate and easy to use. Please read this instruction manual before putting the Cost Control into operation as it will allow users to gain the optimum benefits of all its features.

### THE REMOTE COST CONTROL MONITOR:

The Remote Cost Control Receiver



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**Manual abstract:**

This is a state-of-the-art power monitoring socket that is highly accurate and easy to use. Please read this instruction manual before putting the Cost Control into operation as it will allow users to gain the optimum benefits of all its features. **THE REMOTE COST CONTROL MONITOR:** The Remote Cost Control Receiver LCD Display Function Keys Battery Cover 24 **FEATURES:** . . . . . Cost monitoring. Cost forecasting. Cost saving calculation. Instantaneous power consumption displays in Watt (W). Maximum load power displays in Watt (Max W). Total energy consumption displays in Watt hour (Wh) or kilo Watt hour (kWh). Total power monitor turn on time / total electrical appliance operating time displays (hour). Wireless transmission at 868 MHz.

Receive up to 5 power monitors. The Power Monitor Front LED Indicator/ Reset button Socket Plug Back 25 **FEATURES:** . . . . It is powered by the AC line (230V 50Hz). Each power monitor has its unique ID. Measure the power consumption of the electrical appliance, which is plugged into the power monitor and then transmits information to the receiver at 868 MHz. Transmits data every 5 seconds.

**COST MONITORING:** Using this feature, users will see the cost of electricity running in their electrical appliances. For cost monitoring, the value is shown on the LCD as "TOTAL COST" and the information obtained will enable users to be more power consumption aware and efficient. Note: Press the Display button until TOTAL COST is shown in the lower display part. **COST FORECASTING:** Cost forecasting is useful for budgeting future electricity bills as the approximate cost to run an electrical appliance over a period of time can be estimated in this way. @@@@All the displayed readings will be reset to 0. @@When a new cost/month is calculated then it will be compared with the reference cost/month value in the storage. There are three cost saving displays screens as follows: 1) 2) 3) In % save display, the display shows saved cost per month in percent value. If the current cost/month is bigger than the reference cost/month, a negative percent value will be displayed. In cost save per month display, the display shows the saved cost per month. If the current cost/month is bigger than the reference cost/month, a negative value will be displayed. In cost save per year display, the display shows the saved cost per year. If the current cost/month is bigger than the reference cost/month, a negative value will be displayed. The cost/year is calculated by 12 x cost/month. Note: Save operation will also be activated automatically by pressing and holding the LED button of power monitor, the LED button flashes 3 times and then lights up to indicate the Power Monitor has been reset. When the user releases the button, the LED light turns off.

This operation not only will reset all the data to 0 of the receiver, but also will reset all the data in the power monitor to 0. The cleared value is used as reference value now. **IMPORTANT!** Before the operations of cost monitoring, forecasting and cost saving calculation, the desired power tariff must be set.

(See "FUNCTION KEYS" the "TARIFF key" section below.) 27 **INTENDED USE:** The measuring range of the Remote Cost Control Monitor is from approximately 0.2W to 3600W (displays 0 if lower than 0.2W) and is therefore ideal for use with a large variety of electrical appliances. Remote Cost Control Monitor is designed for use only as an indicator for the average cost and average amount of electricity used for electrical appliances. Despite its accuracy it is not officially certified and therefore readings cannot be used as evidence in any dispute between the Electricity Company and the user. . . . . Power

Monitor is approved for use on a 230V / 50Hz mains supply only. Only loads with the same voltages (230V / 50Hz) can be connected. The max. load of any appliances connected must not exceed 3600 Watt (Max. current 16A). Remote Cost Control Monitor is only designed for indoor use within dry environments.

Outdoor use is strictly prohibited! Remote Cost Control Monitor may not be altered or modified in any way. Observe the specifications on the type plate of the appliance to be connected! Any other use, other than described, may risk dangers in short circuiting, fire, electrical shock, etc and damage of this product.

In order to maintain perfect condition and guarantee safe operation of this product, the user must observe the Intended Use, Safety Precautions and Disclaimer Liability notes in this operating manual. **SAFETY PRECAUTIONS:** · Remote Cost Control Monitor can only be applied to an approved 230VAC / 50Hz ± 10% (10/16A) earthcontact type mains outlet (VDE). 28 . . . . . When the Power Monitor is plugged into the 230VAC wall socket, make sure no electrical appliance is connected through the Power Monitor socket.

If the Power Monitor is removed from the 230VAC wall socket, wait for 30 seconds before putting it back to the 230VAC wall socket. The max. load of 3600 Watts (16A) must not be exceeded. Otherwise, it will destroy the device. The recommended operating temperature is 0° to +5 0° Higher temperatures may lead to dangers of C C. overheating and permanent damage of the product. @@@@Do not open the product by yourself! @@@@Do not plug one Power Monitor into another! @@product does not function. @@@@Plug the Power Monitor(s) into the AC line. @@Its means that the power monitor works normally. If not, unplug the power monitor and wait for 2 minutes.

Afterwards, repeat this procedure. Performs the reset function in the power monitor again. @@@@8. 9. 10. Press the LRN/SCAN key to confirm this Power Monitor as CHI. @@@@Repeat procedure 6 and 7 for LRN/SCANing another channels. Maximum 5 channels can be LRN/SCANt. @@@@To update and receive any data from Power Monitor, user must press the LRN/SCAN key of receiver every time to receive transmission of Power Monitor. Note: When the receiver cannot receive data from power monitor over an hour, the "NEW DATA" will change to "OLD DATA" displays on the LCD of the receiver.

Also, the "OLD DATA" will be displayed if no valid data is detected after pressing the "LRN/SCAN" key. NEW DATA OLD DATA 32 LOW BATTERY INDICATOR Low battery indicator is displayed on the LCD when the batteries require changing. It is performed: · after power up. · every hour the receiver automatically checks the battery status. If low battery is detected, the sign will be shown. · each time when the "LRN/SCAN" key is pressed, the receiver checks the battery status. If low battery is detected, the sign will be shown.



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Low battery indicator Note: The previously stored information in the receiver will not be affected or cancelled during the battery replacing process. 33 INSERTING AND REPLACING BATTERIES IN THE RECEIVER Low power batteries usually reduces the contrast of the LCD of the remote cost control receiver. If the LCD of the receiver becomes difficult to read then the batteries must be replaced immediately.

The receiver uses two AAA, LR3 Batteries, 1.5V, which has an estimated average lifetime of 1 year. To replace the batteries, simply follow these steps: 1. Slide the battery cover downwards and remove. 2. Remove old batteries and replace with new batteries of the same size and voltage whilst observing correct polarity. 3. Replace battery cover and secure back into place. Back of the receiver Battery compartment Battery cover Please participate in the preservation of the environment and return all used batteries to an authorized depot. 34 POWER MONITOR The monitor should be plugged into the AC line firmly on its back.

When the power monitor starts up normally, the LED indicator of the power monitor lights on for 2 seconds in the beginning. FUNCTION KEYS: THE REMOTE COST CONTROL RECEIVER The Remote Cost Control Receiver has six easy to use function keys for operation. DISPLAY key Press DISPLAY key to change the display mode: · Instantaneous power in Watt (LCD displays "W") with total cost monitoring (LCD displays "TOTAL COST"). 35 · Maximum load power in Watt (LCD displays "MAX W") with cost per month forecasting (LCD displays "COST/MONTH"). Energy consumption in Watt hour or kilo Watt hour (LCD displays "Wh" or "kWh" which depends on the value, when the value is smaller than 2000Wh, it shows in Wh; when the value is at 2000 or higher, it shows in kWh.) with cost per year forecasting (LCD displays "COST/YEAR"). tion to zero, except the instantaneous (W) and maximum power (MAX W). During the process, the LED button flashes 3 times and then lights up to indicate the Power Monitor has been reset. When the user releases the button, the LED light turns off. MAINTENANCE: · · · · Check the product for any damages at regular intervals! When cleaning the LCD and casing, use a soft damp cloth only.

Do not use solvents or scouring agents. Do not submerge this unit into water. Any maintenance or repairs must only be performed by authorized service personnel being familiar with all relevant regulations. 41 SPECIFICATIONS: · · · · Absolute max. rating (short-time) - Load - Current Operating voltage Operating temperature Battery Dimensions (L x H x W) - Receiver - Power monitor (not including the plug) · Resolution of LCD : : : : : 0. 2 - 3600W 16A 230VAC/50Hz 0° to +50° C C 2 x AAA, LR3, 1.5V 40.4 x 117.1 x 17.1 mm 61 x 83 x 83 mm 0.

000 19.999 = 0.001 20.00 199.99 = 0.01 200.0 1999.9 = 0.1 2000 19999 = 1 Range of various measurements: · Instantaneous power/ Maximum power · Tariff range · Total Cost monitoring/ Cost per month forecasting/ Cost per year forecasting · Energy consumption · Power monitor operation time/ : : 0 3600W 0.000 9.

999 : : 0 19999 0 19999kWh 42 · · Turn on time Cost save per month/ Cost save per year Cost save per month in percent : : : 0 19999 hour -999 19999 -999 100% 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.

@ @ @ @ @ @ @ @ Despite its accuracy it is not officially certified and therefore readings cannot be used as evidence in any dispute between the Electricity Company and the user. 43 · · · · · This appliance is not intended for use by persons (including children) with reduce physical, sensory, or mental capacities, or lack of experience or knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with this appliance. 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. Damage caused by neglect, misuse or failure to comply with this manual will invalidate the warranty of this product. The manufacturer cannot and will not be held liable for any consequential damages caused for the above.

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. 44 .



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