

**FCC ID: PQ9MCW4**

## Exhibit 9

### **User's Manual**

**User's Guide**

**Remtrol**  
**Remote Monitoring and Control Solutions**

**Wireless Data Relay**

**Model MCW4**

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## **Introduction**

Congratulations on your purchase of the Remtrol MCW4. With its unique capabilities the MCW4 can become a vital part of your business and change the way you monitor and control your operations. This guide contains operating instructions that explain how to use your new WIRELESS DATA RELAY, and it provides helpful suggestions for first-time, as well as experienced, users.

## **Effective Use Of Wireless Data Relay**

Wireless Data Relay can help you keep in touch and in control of the processes vital to your operation. By remotely monitoring and controlling your operations you can be in command whenever needed.

## **FCC Compliance**

This device complies with part's 2, 15 and 90 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that which the receiver is connected.

Consult a Remtrol technician for help.

## **Safety Information**

Read this information before using a WIRELESS DATA RELAY.

First introduced in 2001, the WIRELESS DATA RELAY is one of the most exciting and innovative electronic products ever developed. With it, you can monitor and control processes throughout the country from anywhere in the world. For the safe and efficient operation of Wireless Data Relay, observe these guidelines:

Wireless Data Relay is a radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) energy.

The WIRELESS DATA RELAY transmitter operates in the frequency range of 806 MHz to 825 MHz, and the receiver operates in the range of 851 MHz to 870 MHz. The unit transmits at a power level of 2.0W for short periods of time (from 0.021 to 1.10 seconds). Transmissions occur infrequently and usually follow within a few seconds of a packet that has been received or at scheduled program times.

In 1991, the Institute of Electrical and Electronics Engineers (IEEE), and in 1992, the American National Standards Institute (ANSI), updated the 1982 ANSI Standard for safety levels with respect to human exposure to RF energy. Over 121 scientists, engineers, and physicians from universities, government health agencies and industry, after reviewing the available body of research, developed this updated standard. In March 1993, the U.S. Federal Communications Commission (FCC) proposed the adoption of this updated standard. The design of Wireless Data Relay complies with this update.

## **Electronic Devices**

Most modern electronic equipment is shielded from RF energy, however, RF Energy from Wireless Data Relay may effect inadequately shielded electronic equipment.

Check with the manufacturer or it's representative to determine if the

Following equipment or systems are adequately shielded from external RF

Energy:

Motor Vehicle electronic and entertainment systems (standard and any add-on equipment).

Medical Equipment, hospital or personal (such as pacemakers, hearing aids, etc.).

Turn OFF Wireless Data Relay in health care facilities when any regulation posted in the areas instructs you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

## **Getting Started**

### **Installation**

#### **Warning to minimize RF exposure the Remtrol MCW4 must be mounted at least 20 cm from the nearest person.**

Your MCW4 can be mounted using a variety of methods. You must consider the operating environment when choosing a mounting option. For example, extreme temperature, heavy vibration, or high electromagnetic interference areas may require a special mounting solution. The MCW4 has a threaded hole in diagonal corners which may be used to bolt the MCW4 to the side of the equipment being monitored, an equipment backboard or pole. The two holes are diagonally apart on a rectangle 2.351in by 4.056in with each hole threaded for 1/4" bolts.

It should be mounted so that a separation distance of at least 20cm (8in) is maintained between the body of the user and the MCW4.

The MCW4 can be mounted indoors in most urban areas. When used inside a building, performance is improved if the antenna is located near a window, with few obstacles (wall, furniture, equipment, etc.) between the antenna and the window. The antenna must be oriented vertically for best performance.

## **Power Supply**

### **Power Adapter**

Your MCW4 comes with a 5VDC, 2.4A, power adapter. Plug this into the wall outlet. This provides power to maintain the rechargeable Batterypack.

Optional power supplies are available. Solar Power converters and deep discharge batteries can be used where AC is not available.

### **Battery Information**

Your MCW4 operates with a Batterypack (do not use any other batteries). The batteries are recharged from an external power source. The batteries will power the Wireless Data Relay for up to 3 days without being recharged. The number of readings and transmissions will affect the life of the battery charge. The batteries will recharge in 3 hours.

The Batterypack is provided with Wireless Data Relay. The Batterypack comes already installed in your Wireless Data Relay. You will be sent a new Batterypack when diagnostics indicate the end of its useful-life. The Batterypack should last between 3 and 5 years depending on usage cycles.

Note: This product may contain a Nickel-Cadmium (NiCd) rechargeable battery that must be recycled or disposed of properly. Recycling facilities may not be available in all areas.

### **Installing/Replacing The Battery**

Holding the WIRELESS DATA RELAY face up unscrew the four corner screws. Lift the cover off.

Remove the old Batterypack, by disconnecting the lockin connector.

Insert a new Batterypack by inserting the lockin connector into the receiver.

Replace the cover making sure the 'O' ring seals tightly.

### **Antenna**

The DataTAC network is based on vertically polarized radio-frequency transmission. Therefore the antenna should be oriented so that it provides vertical polarization. The antenna supplied with the MCW4 is the Radial/Larsen 3.5" 1/4 wave whip antenna.

### **Physical Properties**

#### **Weight**

The MCW4 weighs 1.5 lbs.

#### **Dimensions**

The MCW4 is housed in a powder coated, diecast, and watertight aluminum box.

Length 4.5", Width 3.5", Height 2.2" (114 x 89 x 56 cm)

### **Control Buttons**

There is only one button, located on the bottom of the WIRELESS DATA RELAY. This is the Start/Reset Button.

## Turning Your Wireless Data Relay On

Press the start/reset button to turn your Wireless Data Relay on. The WIRELESS DATA RELAY has an LED that flashes when it is establishing connectivity and then turns off. Go to the Remtrol.com Website and sign in using your **USER-ID** and **PASSWORD**.

## Turning Your Wireless Data Relay Off

The WIRELESS DATA RELAY be turned off by the controlling user using the admin page of the website. The Wireless Data Relay can be turned off in the field by pressing and holding the start/reset button in for 4 seconds. You can put your Wireless Data Relay into power save mode to save battery power only through the Website. **(THE WIRELESS DATA RELAY WILL NOT TAKE READINGS, TRANSMIT OR RECEIVE MESSAGES WHEN THE UNIT IS TURNED OFF OR NOT WITHIN THE COVERAGE AREA.)**

## Setting Up Your Wireless Data Relay

This section explains how to set the WebPages preferences, monitoring times and frequency, alarm settings, alert contacts, and other features via the Setup page.

Granting access:

One user will be given Company authority to add or delete users authorized to monitor and/or control company processes. It is your responsibility to keep your password secret and to change it frequently.

Setting preferences:

Each user can select from specific preferences to display monitoring data.

Setting monitoring frequency:

The controlling user can set monitoring frequency.

Processes can be monitored continuously with reporting on an alarm status.

Monitoring readings can be set for weekly, daily, hourly, half-hour and quarter hour.

The controlling user can set transmission frequency to weekly, daily, hourly, half-hour and quarter hour.

Access data history:

Each user can set preferences for data histories that appear on the data history page. Options are 1day, 1 week, 1 month, 6 months, 1 year, 5 years and all data. All other options can be selected on the data page.

Data can be downloaded from the database to the user. Downloaded data can be selected by date range and specific variable.

Access graphs:

Each user can set preferences for data graphing that appears on that users monitoring page. Options are 1day, 1 week, 1 month, 6 months, 1 year, 5 years and all data. All other options can be selected on the graph page.

Change Preferences:

Each user can change their password, data and graphing options.

## Display Vital Signs:

The controlling user can monitor the system status. Parameters that can be monitored include connectivity, battery condition, analog and digital status.

## Environmental Properties

Environmental testing ensures that our products are able to withstand both typical and extreme real-world conditions.

### Storage Temperature

The MCW4 may be stored at a temperature from -40C to +85C (-40F to +185F)

### Operating Temperature

The MCW4 operates between -30C and +70C (-22F and +158F). The end user should be careful not to exceed the maximum temperature limit, as performance degradation or damage to the unit may occur past this point.

## Alerts and Alarms

### Setting The Alarm

The alarm can be set for either a specific parameter, or it can be used as a change in status alarm.

#### From the setup menu:

More than one alarm setting may be selected for either the same or multiple parameters or operators. Each person to be contacted must be set up separately.

Select Add Alarm

Chose the parameter the alarm will be based on.

Chose the test.

Enter the value the parameter will be tested against.

Enter the Persons name that is to be contacted.

Select the method of notification from the drop down menu.

Set the contact address or phone number.

Select the service provider.

To change the alarm setting press modify alarm settings.

## Vital Signs

Checking Vital Signs is done automatically by the Remtrol Command Center.

The Vital Signs monitoring checks for the current status of the battery, radio signal, and information about your Wireless Data Relay.

## Care & Maintenance

The Remtrol MCW4 WIRELESS DATA RELAYS are durable, reliable, and can provide years of dependable service; however, they are precision electronic products. Water, excessive heat, and extreme shock may damage the WIRELESS DATA RELAY. Do not expose your Wireless Data

Relay to these conditions. If repair is required, the Remtrol Service Organization staffed with specially trained technicians, offers repair and maintenance facilities.

For more information about warranties please contact Remtrol, Inc. at 1-805-597-3172. For repairs call Remtrol, Inc. at 1-805-597-3172.

## **Questions?**

If you have any questions about the use of your Remtrol MCW4 WIRELESS DATA RELAY, call 1-805-597-3172.

## **Potentially Explosive Atmospheres**

Do not allow your Remtrol MCW4 WIRELESS DATA RELAY to be within the proximity of any potentially explosive atmospheres.

It is rare, but your Wireless Data Relay may generate sparks. WIRELESS DATA RELAYS have internal electronic circuits, which may be operational, even when the device is turned OFF or the battery removed.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked and include the following:

Gas stations

Below deck on boats

Fuel or chemical transfer/storage facilities

Areas where air may contain chemicals or particles, such as grain, dust, or metal powders

Any area where you would normally be advised to turn OFF your motor vehicle.

Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle that contains your Wireless Data Relay. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (MFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publications Sales Division.

## **Warranty**

### **Limitation Of Liability**

In no event will Remtrol, Inc. be liable for (i) any incidental, consequential, or indirect damages (including, but not limited to, damages for loss of profits, business interruption, loss of programs or information, and the like) arising out of the use of or inability to use the service, or any information, or transactions provided on the service, or downloaded from the service, or any delay of such information or service. Even if Remtrol, Inc. or its authorized representatives have been advised of the possibility of such damages, or (ii) any claim attributable to errors, omissions, or other inaccuracies in the service and/or materials or information downloaded through the service. Because some states do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you. In such states, Remtrol, Inc. liability is limited to the greatest extent permitted by law.

## **Limitations of Service**

Remtrol, Inc. will use commercially reasonable efforts to provide Subscriber (and, where applicable, its Users) with the Service, subject to conditions generally beyond the control of Remtrol, Inc., including the type and condition of the equipment (personal computer modem, etc.) of Subscriber or its Users. Service may be temporarily unavailable or limited because of capacity limitations and may be temporarily interrupted because of equipment modifications, upgrades, relocations, repairs, and similar activities. Subscriber and its Users will use the Service in accordance with the terms and conditions of this Agreement.

There are no automatic credits, reductions, or setoff against the charges for Service for downtime or interruption of Service unless the Service interruption exceeds 24 hours in duration. Remtrol, Inc. shall provide Subscriber with a credit equal to 1/30 of the recurring monthly charge for Service for each 24-hour period of interruption from the time of notice of interruption until Service restoration, provided Subscriber notifies Remtrol, Inc. of the Service interruption. No adjustments shall be made by accumulating periods of non-continuous interruption. No credit allowance will be given for mistakes, omissions, interruptions, delays, errors, or defects in the Service caused by the negligence or willful act of Subscriber, its Users or third parties, or mistakes, omissions, interruptions, delays, errors or defects caused by failure of equipment of the Service as described in Section 2. Remtrol, Inc. at its discretion may choose to offer credits or discounts for other interruptions of Service.

- a. Remtrol, Inc. shall not be liable for interruptions, performance degradation or other deficiencies in the Service resulting from failure of equipment or services not provided by Remtrol, Inc., failure of communications power outages, or other matters not within the complete control of Remtrol, Inc., including, without limitation, failure of equipment of Subscriber or a User, user error, labor unrest, government orders, civil disturbance, acts of God, or other conditions or circumstances beyond Remtrol, Inc.'s reasonable control.
- b. Remtrol, Inc. shall not be liable if changes in operations, procedures, or services require modification or alteration of Subscriber's or its Users' equipment, render that equipment obsolete, or otherwise adversely affect its performance or operation.
- c. The credit against the monthly fees for outages in excess of 24 hours set forth in Section 14 of this Agreement shall be the exclusive remedy for any interruptions of Service.
- d. In no event shall Remtrol, Inc. be liable for any incidental, direct, indirect, special, consequential, or punitive damages, including, but not limited to, loss of profits, loss of business or business opportunity, loss of use, or loss of data and the like. In no event shall Remtrol, Inc.'s liability for any cause or claim of any kind, whether in contract or in tort or under any other legal theory (including negligence) exceed the charges paid by Subscriber under this Agreement for the Service during the period such damages occur. **REMTROL, INC. MAKES NO OTHER WARRANTIES OR REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, CONCERNING THE SERVICE, AND EXPRESSLY DISCLAIMS THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR USE OR PURPOSE, THE IMPLIED WARRANTY OF MERCHANTABILITY, AND ANY OTHER WARRANTY IMPLIED BY LAW.**

**Remedies of Customer.** Customer's sole remedy for any failure or non-performance of the Services (including any associated Equipment, Software or other materials supplied in connection with the Services) shall be (i) for Remtrol, Inc. to use commercially reasonable efforts to effectuate an

adjustment or repair of the Services and, in the event such failure or non-performance results in Service downtime which exceeds the period of time specified in the applicable service level agreement portion (if any) of any applicable Order or Service Description, to receive a refund or credit of or against any charges otherwise payable for the Services for the period of service downtime as provided for in the applicable service level agreement portion (if any) of any applicable Order or Service Description, or (ii) if such failure or non-performance results in Service downtime or degradation so substantial as to render the Service essentially unavailable to or unusable by Customer for normal use, to terminate the Services for default by Remtrol, Inc. in the manner provided in these Terms. Unless specified to the contrary in any applicable service level agreement portion of any applicable Order or Service Description, the maximum credit for service downtime or other failure shall not exceed the total monthly bill to the Customer for the Services for the month in which such downtime or failure occurs.

You shall be responsible for obtaining and maintaining all telephone, computer hardware and other equipment needed for access to and use of the Site and all charges related thereto.

**ONE (1) YEAR STANDARD LIMITED WARRANTY AND PROVISIONS (U.S.A. ONLY)**  
Remtrol warrants the WIRELESS DATA RELAY against defects in material and workmanship under normal use and service for the period of time specified below. This express warranty is extended by Remtrol, Inc. 141 Suburban Rd. A2, San Luis Obispo, California 93401 to the original end user purchaser only and is not assignable or transferable to any other party.

This warranty sets forth the full extent of REMTROL'S responsibilities regarding the WIRELESS DATA RELAY. Repair, replacement, or refund of the purchase price, at REMTROL'S option, is the exclusive remedy. **THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** **THIS WARRANTY IS LIMITED TO THE DURATION CHOSEN.** IN NO EVENT SHALL REMTROL BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE REMTROL WIRELESS DATA RELAY, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

Remtrol WIRELESS DATA RELAYS are shipped from the factory with a standard limited warranty of one (1) year on parts and labor from date of purchase by the original end user purchaser, based on proof of purchase. In the event of a defect, malfunction, or failure to conform to specifications during the warranty period, Remtrol, at its option, will either repair, replace or refund the purchase price of the pager. Repair, at Remtrol's option, may include the replacement of parts or boards with functionally equivalent reconditioned or new parts or boards. Replaced parts and boards

All parts and boards removed in the replacement process shall become the property of Remtrol. This warranty does not cover defects, malfunctions, performance failures or damages to the unit resulting from use in other than its normal and customary manner, misuse, accident or neglect, the use of non-conforming parts, or improper alterations or repairs. This warranty does not cover wear and tear on covers or housings, nor the coverage or range over which the WIRELESS DATA RELAY will receive signals.

## **Proprietary**

You acknowledge the Software is proprietary and confidential to the Company. This Agreement does not convey any rights of ownership to you; title to and ownership of all rights in trademarks, service marks, patents, copyrights, trade secrets and other intellectual property in the Software and any copy shall remain with the Company. You shall not transfer, sublicense, copy, reverse engineer, decompile, disassemble, translate or otherwise alter or modify the Software.

## **Repair and Service**

For information on how to receive service on Remtrol WIRELESS DATA RELAYS or covered accessories, call 1-805-597-3172.

WIRELESS DATA RELAY warranty will be VOID if any of the following conditions occur:

WIRELESS DATA RELAYS that are incomplete such as those in which boards or components are missing and/ or incompatible.

WIRELESS DATA RELAYS whose serial numbers do not match on the boards, or WIRELESS DATA RELAYS in which the board serial numbers don't match the housing.

WIRELESS DATA RELAYS that have been opened by, or had work performed by, anyone other than a Remtrol authorized service center.

WIRELESS DATA RELAYS received with non-conforming or non-Remtrol housings or parts.

Flat rate repair fees apply to WIRELESS DATA RELAYS and accessories not covered under warranty.

## **STATE LAW RIGHTS**

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, THEREFORE THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY. This warranty gives you specific legal rights and you may also have other rights, which vary, from state to state.

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