# EXHIBIT 4 OPERATING INSTRUCTIONS

OPERATING INSTRUCTIONS FOLLOW THIS SHEET

OPERATING INSTRUCTIONS FCC ID: MGPWX-TR1

EXHIBIT 4



Model WX-TRS Remote Alert System

for use with First Alert® Weather Alert Radios

FCCID: MGPWX-RR1 FCCID: MGPWX-TR1

## **USER'S MANUAL**

WIRELESS MARKETING CORP. 1212 REMINGTON ROAD SCHAUMBURG, IL 60173 1-800-259-0959



## Model WX-TRS Remote Alert System

for use with
First Alert® Weather Alert Radios

#### **IMPORTANT**

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THE UNIT

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## CONTENTS IN THE PRODUCT PACKAGE

In the Package, you would find:

Remote Alert Receiver – WX-RR1
Remote Alert Transmitter – WX-TR1
One AC Adapter – 12V Output
One User's Manual
e set of Mounting Kit for Remote Alert Receiver
one 9V Alkaline Battery

Contact the store from which you purchased the product or the Manufacturer's Service Center if you found any of the above is missing

#### **IMPORTANT SAFEGUARDS**

After using electrical appliances, basic safety precautions should always be followed including the following:

#### **!DANGER**

The Manufacturer does not represent this unit to be waterproof. To reduce the risk of fire, electric shock, or damage to the unit, do not expose this product to rain or moisture.

#### **IDANGER**

This product has the capability to operate with an optional 9V rechargeable nickel cadmium backup battery, which must be recycled at the end of the life of the battery and must be disposed of properly. Do not incinerate or compost batteries, as they will explode at high temperatures. Contact your local authority for information concerning reclamation and disposal of rechargeable nickel-cadmium batteries. Cadmium is a chemical known to the State of California to cause cancer.

#### **IDANGER**

The Remote Alert Receiver has a built in circuit for charging an optional 9V rechargeable nickel cadmium backup battery. When a regular 9V alkaline battery is used as a backup power source, the internal charging circuit must be disabled by putting the battery selection switch in the battery compartment to "Alkaline" position. CHARGING BATTERIES INCORRECTLY CAN CAUSE FIRE AND EXPLOSION AND ENDANGER LIVE.

#### **!DANGER**

To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personal when service of repair work is required. Opening or removing cover may expose you to dangerous voltages or other risks. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

This product is designed to operate using the supplied AC adapter (120V) in a household application.

- Do not allow anything to rest on the power cord. DO not locate this product where persons walking on it could damage the cord.
   Keep cord away from heated surfaces.
- To disconnect, grip the AC adapter and pull it from the wall outlet. Never yank the cord.
- Wipe unit with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents or strong detergents.
- To avoid personal injury and damage to the unit, install the Remote Alert Receiver and the AC adapter securely in a location that is clear from the walkway or any moving objects.

#### CAUTION

To avoid damage to the product, do not expose it in direct sunlight or extreme heat or humid environment for prolonged period.

#### INTRODUCTION

Congratulations on your purchase of the First Alert® Remote Alert System. This product is designed to exacting standards, which ovide reliability long life and outstanding performance.

This product is designed to work with the First Alert<sup>®</sup> Weather Alert Radio to extend the alert capability to multiple rooms in a household or in an office, including locations where reception of NOAA weather alert broadcast is not possible (e.g. in the basement)

The main features of the Remote Alert System include:

Wireless Remote Alert - Just plug a Remote Alert Transmitter into the output socket of the Weather Alert Radio and mounted one or multiple Remote Alert Receiver anywhere in your house. The system has an effective range of up to 100 feet dependent on surrounding environment.

You could purchase additional First Alert<sup>®</sup> Remote Alert Receivers and other parts from the Manufacturer's Factory Service Department:

Phone: 1-800-259-0959 Fax: 1-847-839-0016

Built-in Siren and flash light - The Remote Alert Receiver has built-in siren and bright flashing red lights. The siren and flash lights will operate for 30 seconds when an alert signal is received. The system would then revert automatically to standby and be ready for the next alert operation.

**Test button** – A button switch is provided to initiate a test on the Siren and Lights. It also serves to reset an ongoing alert operation and revert the unit into standby mode :

- Press the button to reset the siren and light during the 30-second alert operation.
- Press the button during standby mode will trigger the siren and flash light for 30 seconds alert operation.

Battery Backup - The Remote Alert Receiver is normally powered by an AC adapter. The unit will maintain normal operation with the 9V backup battery during short AC power blackout periods.

Low-Battery indicator - When the voltage of the alkaline backup battery becomes low, the amber color low voltage indicator will flash.

Rechargeable backup batteries - To avoid the hassles of changing batteries, an optional rechargeable 9V battery could be used. The internal charging circuit will keep the battery fully charged all the time when the unit is operating on the AC adapter.

## CHOOSING A LOCATION FOR INSTALLATION

The Remote Alert Transmitter is so small in size that it does not require any installation. Just plug the unit into the Weather Alert Radio and drop it on the desktop, or hang it on a wall next to the radio. Avoid putting the unit onto a metal surface as it will reduce the working range.

The Remote Alert Receiver is designed for wall mount installation such that it will provide maximum alert coverage with its siren and flashing light.

The best location to install the unit is:

- Clear of any obstructions or metal surface.
- Near an AC Power outlet
- Near to where the user(s) would need alert coverage (e.g. living room, basement, garage...etc)
- Within the working range of the system approximately 100 feet from the Remote Alert Transmitter.

#### Note:

Keep the receiver away from interference sources - e.g. motors, computers, TV or microwave ovens.

#### INSTALLATION

\*\* make the system work, you will have to get a Weather Alert Radio, one Remote Alert Transmitter and one (or more) Remote Alert seivers. One transmitter could trigger siren and flashing light alert at unlimited number of receiver units in a wireless working range of up to 100 feet, dependent on environment.

#### A) INSTALLATION OF REMOTE ALERT TRANSMITTER

#### INSTALLING / REPLACING THE TRANSMITTER BATTERY

Each transmitter comes with a 12-volt Size A23 alkaline battery installed in the factory. Replace the battery if the indicator fails to light when it is activated by the weather radio. We recommend replacing the battery every 6 – 12 month under normal usage. The batteries are available at various electronic, carnera or drug stores.

To replace the battery:

- 1. Use a Philips screwdriver to remove the screw from the transmitter's back and lift off the top cover.
- Remove the old battery and discard it immediately following the disposal instruction from the battery manufacturer.CAUTION: Choking Hazard: Do not allow young children to play with a battery.
- Insert the new battery according to the polarity symbols (+ and -) marked inside the battery compartment.
   CAUTION: Connecting the battery in reversed polarity may result in fire and permanent damage to the product.
- Replace the transmitter's top cover and secure it with the original screw.

#### YSICAL INSTALLTION

It's just simple! Connect the 3.5mm Audio Plug of the Remote Alert Transmitter to the "Remote Alert" Jack of the weather radio and you are all set.

Avoid putting the transmitter on a metal surface. You could hang the transmitter onto a wall next to the weather radio with a key ring.

### B) INSTALLATION OF REMOTE ALERT RECEIVER

## INSTALLING / REPLACING THE RECEIVER BATTERY

The Remote Alert Receiver is designed to be flexible and could use either a 9 volts alkaline or Nickel Cadmium (Ni-Cd) rechargeable battery as its backup power source.

There is a slide switch inside the battery compartment to select the type of battery installed, hence providing charging current to keep the rechargeable battery at full charge all the time. We recommend changing Ni-Cd rechargeable battery every three years.

When alkaline battery is installed, the receiver would monitor the battery voltage level. When the battery voltage becomes low, the yellow LED on the front will flash indicating that the battery need to be replaced.

To replace the battery.

Turn unit upside down. Locate the battery compartment cover, press down on ARROW and slide cover open in direction of arrow.
 Slide the battery selection switch to "ALKALINE" for alkaline battery, or "Ni-Cd" for Ni-Cd rechargeable battery being installed.

CAUTION: DO NOT CHARGE AN ALKALINE BATTERY - Select "Ni-Cd" while an alkaline battery is being installed will cause the unit to charge the battery and may cause fire hazard.

NOTE: Select "ALKALINE" while a Ni-Cd battery is being installed will cause the low voltage indicator (yellow LED) to operate orrectly.

Insert the battery into the battery cap. Be careful to observe the correct polarity when installing battery.

CAUTION: Connecting the battery in reversed polarity may result in fire and permanent damage to the product.

Place the battery in the battery compartment and replace the cover.

#### NOTE:

The rechargeable battery allows you to continually provide remote alert operation during an AC power failure. Battery must be charged with the built-in charger for at least 24 hours before it is ready for backup operation.

To maintain maximum backup time, do not disconnect AC power supply from the unit while in use. Disconnect battery when the unit is not in use for a prolonged period of time.

#### PHYSICAL INSTALLTION

To mount the receiver's mounting bracket:

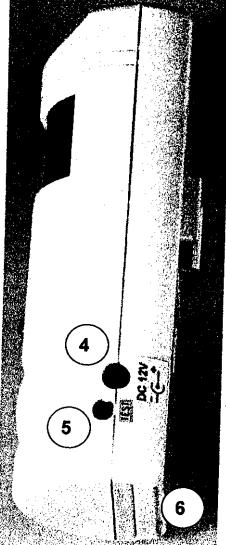
- 1. Loosen the two Philips screws on the rotating joints of the mounting bracket so that all the parts can be moved easily.
- Hold the bracket at the mounting location and, using it as a template, mark the positions for the screw holes on the wall or other mounting surfaces.
  - Drill the two screw holes, fix the mounting bracket with screws.
- Slide the receiver onto the mounting plate on the bracket, adjust to correct pan and tilt angles and then fix it by tightening the screws in the rotating joints.

#### CONNECTING THE POWER

Plug the AC adaptoer cord into the 12V DC input jack on the back of the unit. Then plug the adapter into the wall outlet. Once plugged in, battery charger will automatically charge the battery. Keep the unit plugged in at all times. Then your unit will be ready to use in the event of a power failure.

## LOCATION OF CONTROLS – (LINE ART PICTURES)







Front View

Side View

Inside Battery Compartment

- 1. Flashing Light
- 2. Battery Low Alert
- 3. 110dB Siren
- 4. DC 12V Power Jack
- 5. Test Button -
- 6. Battery selection switch
- 7. Battery Cap

### **OPERATION**

Flashing Light Window - The 3 super bright red color LED will flash for 30 seconds when an alert signal is received from the transmitter.

- 2. Battery Low Alert The amber color LED will flash if the voltage of the alkaline battery installed into the unit becomes low, indicating replacement is needed.
- 3. 110dB Siren The piercing loud siren will sound for 30 seconds when an alert signal is received form the transmitter.
- 4. DC 12V Power Jack Connect to the AC Power Adapter supplied with the package.
- 5. Test Button Allows you to initiate a test on the unit during standby operation to ensure the light and siren are working. This button also allows you to reset the light and siren during the 30 second alert period activated by the transmitter.
- 6. Battery selection switch Allows you to select different kinds of battery for power backup.
- 7. Battery Cap Connects to standard size 9V alkaline or Ni-Cd battery.

Mounting Bracket - Allow you to mount the unit at a convenient location around the home or the office.

#### **IMPORTANT**

To test for actual operation of the Remote Alert System, your weather alert radio must receive a test or emergency alert signal.

The National Weather Service (NWS) broadcast a test alert every week on Wednesday between 11AM and 12PM (noon). To find out the specific test schedule in your area, contact your local National Oceanic and Atmospheric Administration (NOAA) or National Weather Service (NWR) office. These offices are usually listed in the telephone book under "US Government".

REMEMBER – FOR YOUR SYSTEM TO BE EFFECTIVE, YOU MUST PLACE THE COMPONENTS TO LOCATIONS THAT IT CAN RECEIVE AN EMERGENCY ALERT SIGNAL AND WHERE YOU CAN HEAR ITS ALERT SIREN OR FLASHING LIGHTS.

#### **NOTICE TO USERS**

Your system might cause interference to TV or radio even when it is operating properly. To determine whether your system is causing a interference, turn off your system. If the interference goes away, your system is causing the interference.

#### NOTE:

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 an 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 to which the receiver is needed.
- Contact your dealer for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

#### **WARNING:**

FCC could void the user's authority to operate the equipment if changes or modifications were made on the unit without the approval by First Alert.