

# **DA** **Dakota Alert, Inc.**

## **PR-2500 Portable Receiver**

**Owner's Manual**



## CONTENTS

The PR-2500, battery charger, and belt clip. (figure 1)



Figure 1

## WARNING

This device complies with Part 15 of the FCC rules, operation of this device is subject to the following conditions: 1. This device may not cause harmful interference. 2. This device must accept any interference, including interference that may cause undesired operation.

Hereby, Dakota Alert, Inc., declares that this PR-2500 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

## **INTRODUCTION**

The PR-2500 receiver is compatible with all Dakota Alert 2500 series transmitters. The PR-2500 is capable of receiving and storing alert signals from four zones. When a signal is received, the zone will be displayed on the LCD screen and the receiver can be set to give an audible tone or a silent vibrate alert. Each zone can store up to 400 events with a time and date stamp or up to 999 events without a time and date stamp. The PR-2500 is powered by a rechargeable Li-Ion battery which will hold a charge for up to 10 days.

## **CHARGING THE PR-2500**

To charge the PR-2500 plug the battery charger into an outlet and insert the jack into the charger plug (#5 on figure 2). The unit should be charged for 8-10 hours when the battery is low. The adapter shall be installed near the equipment and shall be easily accessible.

## **OPERATION**

Push and hold the side button for two seconds to turn on the PR-2500. The unit will beep and the time display will come on. Push and hold the side button to turn the unit off again. The unit also has a backlight for viewing the display in low light situations. Pushing and releasing any button will turn on the backlight for a few seconds. The backlight will also come on for a few seconds when the PR-2500 receives an alert signal.

## THE PR-2500

(Figure 2)

1. LCD display
2. (Side button) ON/OFF and Mode button
3. Left Button
4. Right Button
5. Charger plug
6. Reset button

Figure 2



## LCD Display - Time/Date Mode

(Figure 3)

1. Time and Date mode
2. Audible Tone icon
3. Vibrate Alert icon
4. Lock icon
5. Battery Charge Indicator
6. Time (24 hour mode)
7. Date

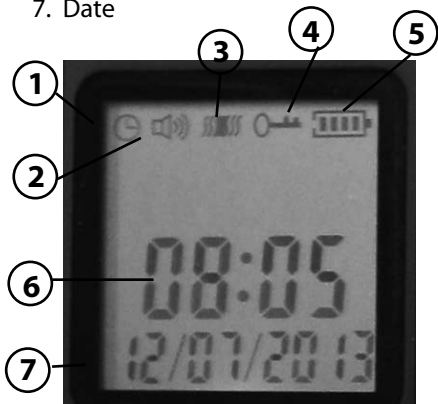


Figure 3

## LCD Display Alert Mode

(Figure 4)

1. Last Channel received
2. Number of alerts stored on the indicated channel
3. Time stamp of alert
4. Date stamp of alert

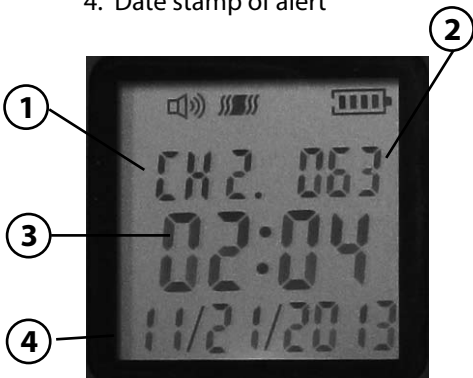


Figure 4

## **Alert Mode**

When the PR-2500 receives an alert, the LCD display changes to alert mode. The display will remain in alert mode, showing the most recent alert received until manually resetting to time/date mode. Push the right button to change from the alert mode to the time/date mode.

## **Programming the Receiver**

Push the side and right buttons at the same time to enter the programming mode. There are four different programming screens. Pushing the side button will scroll through the programming screens. The different programming screens are:

1. Time and Date setting
2. Audible tone ON/OFF
3. Vibrate alert ON/OFF
4. Frequency setting

Pushing the side button again after the frequency setting screen will return you to the time/date mode. If no button is pushed in programming mode for 8 seconds the display will automatically return to the time/date mode.

***NOTE: The display must be in the time/date mode to access the programming screens.***

## Setting the Time and Date

1. Push the side and right button to enter the time/date setting screen in the programming mode. The hour digits will be flashing.
2. Push the right button to change the hour to the correct setting. (holding the right button down will scroll through the numbers quickly.)
3. Push the left button and the minutes will start flashing.
4. Push the right button to change the minutes to the correct setting
5. Repeat this process to set the month, day, and year.

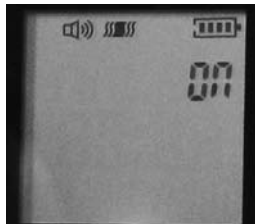


Figure 5

## Programming the audible tone

From the time/date setting screen push the side button to access the audible tone programming screen. The audible tone icon (see figure 2.) will flash and there will be "ON" or "OFF" in the upper right section of the display. Use the right button to toggle between on and off. (figure 5)



Figure 6

## Programming the vibrate alert

From the audible tone setting screen, push the side button to access the vibrate alert programming screen. The vibrate alert icon will flash and there will be “ON” or “OFF” in the upper right section of the display. Use the right button to toggle between on and off. (figure 6)

## Programming the Frequency

From the vibrate alert programming screen, push the side button to access the frequency programming screen. There will be eight symbols at the bottom of the display, each of which will be a 1 or a 0. (figure 7) These eight symbols correspond to the eight dip switches used to set the frequency on the transmitter (see transmitter owner’s manual.) with 1 representing “ON” and 0 representing “OFF.” Push the left button to scroll through the symbols and push the right button to toggle the symbol between 1 and 0. Make sure the frequency setting of the transmitter and receiver match.

Figure 7





## **Locking the display**

Pushing the left and right buttons at the same time will lock the display in the time/date mode. The top of the display (figure 3) and no other screens can be viewed. Pushing the left and right buttons again will unlock the display.

## **Viewing Alert log**

Push the side and left buttons at the same time to access the alert log. The display will show the channel and the total number of alerts stored for that channel.(figure 4) Pushing the left button will scroll through the four channels and then return to the time/date mode. To view the time and date stamps for a channel, push the left button until the desired channel is shown on the display, then push the right button. The date stamp for the most recent alert on the given channel will be shown. Pushing the right button again will show the date stamp for the next alert. Continue to push the right button to see the date stamp for all alerts stored for the channel. If no buttons are pushed for about 8 seconds the display will revert to the time/date mode.

## Clearing the alert log

The alerts stored for a channel can be cleared through the alert log screen. Access the alert log, display the channel to be cleared, and push the side button. The text CLrECOrd (clear record) will appear on the bottom of the display (figure 8). Push the side button again and all stored alerts for the chosen channel will be cleared.

## Reset button

If the PR-2500 stops responding correctly, the reset button should be pushed. The reset button is located inside the small hole directly below the side button (figure 2). Insert a pin in the hole and push the button. The unit will beep and dEFAULT will appear on the bottom of the display (figure 9). Push the side button and the display will show PASS and then enter the programming mode. The time and date will have been reset to the default, and will need to be reprogrammed.



Figure 8



Figure 9

## **TECHNICAL SUPPORT**

If you encounter any difficulty in the operation of this product after reading the manual, please contact us. You can reach us by phone at 605-356-2772 from 8:30 AM to 5:00 PM Monday through Friday (Central Standard Time). We will be happy to answer your questions and help you in any way we can.

## **WARRANTY**

Dakota Alert warrants this product to be free of defects in material and workmanship for a period of one year from the date of purchase. This warranty does not cover damage resulting from accident, abuse, act of God or improper operation. If this product does become defective, simply return it to Dakota Alert. Please include a note describing the troubles along with your name and return address as well as the original sales receipt. If the product is covered under warranty it will be repaired or replaced at no charge. If it is not covered by warranty, you will be notified of any charges before work is done.

**CAUTION**  
**RISK OF EXPLOSION IF BATTERY IS REPLACED**  
**BY AN INCORRECT TYPE.**  
**DISPOSE OF USED BATTERIES ACCORDING**  
**TO THE INSTRUCTIONS**

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Portable Receiver

Model No.: PR-2500

Voltage: 5V  $\approx$  0.35A

Operating Range: -10°C to 40°C

Made in China

CE 2522

