



# Owner's Manual

Model Number 75-822

Features Include:

- 40 CB Channels
- 10 Weather Channels
- 5 Memory Channels
- Memory Scan
- Dual/Watch
- Portable and Mobile CB (2-in1)
- HI/LOW Power
- Auto Power Save
- Instant Ch 9. and 19
- Backlit LCD

## **Index**

<b>Introduction</b>	<b>3</b>
<b>Package Includes</b>	<b>4</b>
<b>Installing the Batteries</b>	<b>5</b>
<b>Quick Start (Portable)</b>	<b>6</b>
<b>Quick Start (Mobile)</b>	<b>7</b>
<b>Controls and Indicators</b>	<b>8</b>
<b>Functions and Controls</b>	<b>9-10</b>
<b>LCD Indicators</b>	<b>11</b>
<b>CB Specifications</b>	<b>12</b>
<b>Weather Receiver Specifications</b>	<b>13</b>
<b>CB Accessories</b>	<b>14</b>
<b>Accessories Order Form</b>	<b>15</b>
<b>Warranty Information</b>	<b>16</b>
<b>MIDLAND Family Products</b>	<b>17</b>






## **Introduction**

Your 75-822 represents the state-of-the-art in high-tech engineering. It is designed for 40 Channel Citizen Band operation, in a compact package that is big on performance. It is a quality piece of electronic equipment, skillfully constructed with the finest components. The circuitry is all solid-state and mounted on a rugged printed circuit board. Your 75-822 is designed for reliable and trouble-free performance, either as a portable or mobile CB.

### **The 75-822 package includes the following:**

- 1) CB Radio
- 2) AA Alkaline Battery Compartment
- 3) AA Rechargeable Battery Compartment
- 4) Antenna
- 5) Mobile Adapter
- 6) AC Wall Adapter/ charger
- 7) Lanyard
- 8) Owner's Manual

## Package Includes

<b>AC Wall Adapter</b> - Used to Charge your CB Radio.	
<b>Battery compartment</b> – Holds 6 AA Batteries (batteries not included)	
<b>Rechargeable Battery compartment</b> – Holds 8 AA rechargeable batteries (batteries not included)	
<b>Mobile Adapter-</b> Used to for vehicular activities	
<b>Antenna-</b> Connects to your CB Radio	

## **Installing the Batteries** (batteries not included)

Before you start using the radio, you must first install the batteries into the battery compartment. There are two battery compartments. One is for AA use only ( 6AA), and the other is for **rechargeable AA batteries ONLY ( 8AA)!**

- 1) Choose the compartment you want to use.
- 2) Grip both sides of the compartment and place thumbs on the top.
- 3) Pull apart sides of compartment.
- 4) Insert batteries, paying special attention to polarity. If they are placed in the compartment backwards, the unit will not work.
- 5) Snap the two sides of the compartment back together.
- 6) Slide battery compartment onto unit.
- 7) Turn unit on and begin use.

**Quick Start- (Portable Mode)**

1. Insert the antenna into the connector.
2. Insert 6 AA batteries into the slide on battery case (batteries not included).
3. Rotate the ON/OFF knob.
4. Use the channel selector to select the desired channel.
5. Press the push to talk button, and start talking.

Your CB Radio should look like the image

**Note:** There is an optional battery compartment for rechargeable batteries. It holds 8 batteries (batteries not included).

**Note:** There is also a mobile adapter that can be used inside your vehicle. See next page.



**Quick Start- (Mobile Mode)**

1. Slide the mobile adapter onto the CB Radio.
2. Plug your mobile adapter into your vehicle's cigarette lighter plug.
3. Plug in the other connector into an external antenna (see note below).
4. Rotate the ON/OFF knob.
5. Use the channel selector buttons to select the desired channel.
6. Press the push to talk button, and start talking.

**Note:** You may use the flexible rubber antenna with the vehicle adapter, yet the range may be limited. To order a full size rooftop Antenna, model # 18-2442, call us at 816.241.8500 or go to [www.midlandradio.com](http://www.midlandradio.com)



**Controls & Indicators**



- 1. Antenna Connector
- 2. Squelch Control
- 3. On/Off Volume Knob
- 4. CH Up/Down buttons
- 5. Backlight Button
- 6. Last Channel Recall
- 7. "Push To Talk"
- 8. Memory Channels
- 9. Dual Function Button

**Note: See pages 9-10 for details.**



## **Function and Controls**

1. **Antenna Connector** Attach the antenna provided for portable use
2. **Squelch Control** – Adjust the squelch until background noise disappears to receive the MAX sensitivity
3. **ON/OFF Knob** – Used to turn your radio ON/OFF or to control volume.
4. **Channel UP/Down Button** – To change channel or change mode from CB to weather channels.
5. **Backlight Button** – Press to turn LCD backlight “On” or “Off”
6. **Last Channel** – Press this button to recall the last channel used
7. **Push To Talk** – Push this button and talk into speaker to communicate with other CB users
8. **Memory “M” Buttons** - There are 5 memory buttons. Each is categorized with the letter M and a number next to it. Each button has a function.
  - M1**- Functions as memory channel 1 and emergency channel 9/19. To switch between functions, just press and release button.
  - M2**- Functions as memory channel 2 and programmable **dual watch**. Dual Watch is used to quickly switch between two channels that are far apart. To program the 2 dual watch channels, you must do the following. With the radio on:

1. Select the first channel (i.e. Ch. 7)
2. Press and hold the DW button until you hear a beep.
3. Using the channel selector, select the second channel.
4. Press and hold the DW button until you hear it beep again.
5. On the LCD you will see the two channels that you have programmed flashing back and forth.

**M3-** Functions as memory channel 3 and scan. To start scanning other channels, press the M3 button. To stop scanning, push the M3 button again.

**M4-** Functions as memory channel 4 and the mode button. This button switches the radio between CB and weather radio mode.

**M5-** Functions as memory channel 5 and the lock button. To lock the radio just press the button until it beeps. To unlock the radio repeat the same procedure

**9. Dual Function "F" Button** – The "F" button is used to program the memory channel for the M1-M5 buttons. To program a channel follow these steps:

1. Turn your radio on and make sure you are in CB Mode. (AM)
2. Select the channel you want to program (i.e. Channel 4)
3. Press the "F" button.
4. Press and hold one of the "M" buttons until you hear a beep. You have now programmed a channel into the memory.
5. To program other "M" buttons repeat this process.

**LCD**



**Indicators**

- 1. Channel Display
- 2. Memory CH Selection
- 3. Scan Function
- 4. Weather Radio
- 5. Lock Function
- 6. Battery Indicator
- 7. Function Button "On"
- 8. Indicates CB Mode "On"
- 9. Low Power "On"
- 10. Dual Watch
- 11. Transmitting
- 12. Receiving
- 13. Emergency CH 9 "On"
- 14. Auto BATT Save
- 15. Signal Strength Meter

## CB Specifications

<b>Channels</b>	1 through 40
<b>Power Output</b>	4 watts nominal
<b>Modulation</b>	90% +/- 5%
<b>TX Dist</b>	<5%
<b>Spurious and Harmonics</b>	<-60dbc
<b>Receiver Sensitivity</b>	.7 uv for 10db s/n
<b>Audio Output</b>	450 mW
<b>Selectivity</b>	50 db

## Weather Receiver Specifications




Channel	Frequency
00	163.275
01	162.550
02	162.400
03	162.475
04	162.425
05	162.450
06	162.500
07	162.525
08	161.650
09	161.775

Sensitivity \_\_\_\_\_ .7uV for 20db

Audio Power \_\_\_\_\_ 450 mW

Audio Load \_\_\_\_\_ 8 ohm

**Accessories** – Accessories can be purchased at [www.midlandradio.com](http://www.midlandradio.com) or fill in the form on the following page and mail it to our address.

<p><b><u>Antenna Model #</u></b> <b><u>18-2442</u></b></p>  <p><b><u>Price: \$17.95</u></b></p>	<p><b><u>Headset Model # 22-540</u></b></p>  <p><b><u>Price: \$18.95</u></b></p>	<p><b><u>Mobile Adapter #</u></b> <b><u>18-821</u></b></p>  <p><b><u>Price: \$29.95</u></b></p>
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## ACCESSORIES ORDER FORM

Please send Money Order or fill in Visa/MasterCard information and mail to the address below.  
Please DO NOT send cash or checks. Make Money Order to Midland Radio Corporation.

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Tel: \_\_\_\_\_ email: \_\_\_\_\_  
CC# \_\_\_\_\_ Type: \_\_\_\_\_ Exp. \_\_\_\_\_

Qty	Item	Price	Total
	18-2442	\$17.95	
	22-540	\$18.95	
	18-821	\$29.95	

Sub-Total \_\_\_\_\_  
Tax (MO, CO, IL, FL only) \_\_\_\_\_  
S&H (U.S. only) \_\_\_\_\_ \$9.50  
Total \$ \_\_\_\_\_

**Mail To:**  
Midland Radio Corporation  
Consumer Dept.  
5900 Parretta Dr.  
Kansas City MO 64120  
-----  
Or Call 816.241.8500.  
-----  
To order online go to  
[www.midlandradio.com](http://www.midlandradio.com)

<http://www.midlandradio.com>

- 15 -

## **Limited Warranty**

Midland Radio Corporation will repair or replace, at its option without charge, any item in this Midland CB box which fails due to a defect in material or workmanship within One Year following the initial consumer purchase. This warranty does not apply to water damage, battery leak or abuse.

This warranty does not include any carrying cases, earphones, or antennas, which may be a part of or included with the warranted product, or the cost of labor for removal or re-installation of the product in a vehicle or other mounting.

Performance of any obligation under this warranty may be obtained by returning the warranted product, freight prepaid, along with proof of purchase to:

Midland Radio Corporation  
Warranty Service Department  
5900 Parretta Dr.  
Kansas City MO 64120

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

**Note:** The above warranty applies only to merchandise purchased in the United States of America or any of the territories or possessions thereof, or from a U.S. Military exchange.

Midland Radio Corporation

5900 Parretta Dr.

Kansas City MO 64120

Tel: (816) 241-8500

E-mail: [mail@midlandradio.com](mailto:mail@midlandradio.com)

URL: [www.midlandradio.com](http://www.midlandradio.com)



Come see our COMPLETE PRODUCT line at <http://www.midlandradio.com>



**CB-RADIOS**



**WEATHER RADIOS**



**2-WAY RADIOS**

**Midland Radio Corporation  
5900 Parretta Dr.  
Kansas City, MO 64120  
Tel: 816.241.8500**

***visit us at <http://www.midlandradio.com>***

**Note: Features & Specifications are subject to change without notice. MIDLAND is not responsible for unintentional errors or omissions on its packaging.**

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**<http://www.midlandradio.com>**

**- 18 -**

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