

# Motorola Bravo

## Numeric Display Pager

### POCSAG Series

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##### 1. Introduction

The Motorola "Bravo" Display pager is an easy to operate, state-of-the-art radio pager. This compact unit will alert you to an incoming message by issuing one of the following alerts:

- LCD visual message display
- Tone and flashing light
- Flashing light only
- Vibration and flashing light (Vibra-Page)

##### 2. Standard Features

*12-digit LCD Display with 20-Digit Message Capacity:* This pager can display 20 digits in separate displays for a single page.

*Automatic Alert Reset:* The tone alert automatically stops after eight seconds or can be halted by pressing either the Read (image) or the Lock (image) buttons any time during the eight-second alert.

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*Back-lighted Display:* Depress the slide switch on the side of the pager to illuminate the display at night or during low light conditions. The light will automatically stay on as you are reviewing messages.

*Low Battery Indicator:* When the battery nears its end of life, an audible low battery alert will be generated and the pager will display "LO CELL". This will continue each time the pager is turned off and back on until the battery is changed. Replace the battery within a few days.

(image)

*Memory Capacity:* The pager saves up to 100 characters of data messages in combinations of five 20-character messages. Tone only messages are also saved for one-time review.

*Read:* After the pager alert has halted, depression of the Read (image) button will display the message. To "freeze" a message on the screen, hold the Read button down while viewing. The message will time-out twelve seconds after releasing the Read button.

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(image)

Figure 1

### 3. Operating Your BRAVO Display Pager (Figure 1)

*Power-up Alert and Display Check:* Slide the mode switch on the side of the pager from the OFF (image) to the MEM (image) or the ON (image) position, allowing the two second power-up alert to time out. A short power-up alert tone, alert to time out. A short power-up alert tone, flashing light and full display screen indicate the pager is operating normally. No alert tone

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or light indicates a dead battery or any incorrectly installed battery.

(image)

*Standby:* Following the display check, the pager will display all dashes.

(image)

This display occurs with the pager in the "ON" mode.

(image)

This display occurs with the pager in the "MEM-O-LERT" mode.

*Duplicate Message Indicator:* When a new page is received, the pager compares the new page to the messages already stored in memory. If the new message is exactly the same as a message currently in memory, a duplicate message indicator appears for a period of one second before the message. This lets you know you have received this message more than once while preventing it

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from occupying more than one memory slot.

(image)

*Mem-O-Lert:* Slide the switch to the MEM position (image) and the tone symbol vanishes from the display. The pager operates the same as described for the one mode, except you will be paged with only a short beep. A completely silent Mem-O-Lert is also available.

*Memory and Message Displays:* The pager can store up to five 20-digit messages. A page received when memory is full overwrites the oldest messages stored, so the most current messages are always available. These messages can be displayed at any time by depressing the Read (image) button. If the stored message is longer than 12 digits, a "(image)" appears in the far right to the display, indicating that the message is continued. The second screen is displayed automatically after 12 seconds or by pressing the Read (image) button before the first screen times out. The second screen is only displayed if the message is longer than 12 characters. The first 10 characters are on the first screen and the remainder on the second screen.

#### Page 6

(image)

(image)

*Multiple Source Indicator:* The annunciators (A, B, C, D) on the bottom of the display will appear to identify the source of a page.

(image)

(image)

*Page Alert:* When a page is received, the pager emits an audible beeping tone and the display indicates an unread message in memory. The unread message indicator shows the number of unread messages in the memory, and is updated any time a new message is received. If the new message received is the same as one of the unread messages, the display will not be updated.

## **Page 7**

(image)

(image)

When the number of unread pages received is greater than the number of available memory slots, an overflow indicator replaces the unread message indicator. Be sure to read all your messages. You will know you have done so when the display returns to all dashes.

(image)

(image)

*Protect Feature:* This feature allows you to selectively protect up to 3 messages so that they are not overwritten by new incoming message. To protect a page, press the Lock (image) button while the message is being displayed. The lock symbol will appear to the left of the data to indicate that the message has been protected. A locked page can be unpro-

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tected by pressing the Lock (image) button while the message is displayed. When all blocks of protected memory are full and you attempt to lock another page, the pager will flash the "HOLD FULL" prompt to indicate that no more messages can be protected.

(image)

(image)

*Reminder Chirp:* When there are unread messages in memory, the pager will emit a short beep (vibration in Vibra-Page pagers) every two minutes until the messages are read. The Reminder Chirp accelerates to every 15 seconds when the memory is full.

## **4. Optional Features**

*“Vibra-Page”*: The “Vibra-Page” feature causes the pager to vibrate when a page is received in the MEM (image) mode. Pagers equipped with this feature operate as described under Mem-O-Lert.

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### **5. Replacing the Battery (Figure 2)**

When necessary, replace the battery as outlined below:

1. Locate the ribbed lock on bottom of the pager. Slide the lock toward the back cover.
2. With the thumb pressed on the recess of the battery door, slide the door in the direction of the arrow until it disengages from the housing.
3. Remove the old battery, noting the polarity.
4. Orient the new AA-size battery so that its “+” and “-” markings match the direction of the diagram embossed on the back cover. Insert the new battery.
5. Align the semicircle in the battery door with the semicircle on the bottom of the pager near the word “LOCK”. Press down on the end of the door nearest the battery and slide the battery door to its completely closed position.
6. After the cover is closed, slide the lock toward the front of the pager.

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The “BRAVO”® Display Pager is designed to operate with a single AA-size alkaline battery (Motorola type NLN8278A).

(image)

Figure 2

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### **6. Removing the Belt Clip (Figure 3)**

To remove the belt clip, insert a small coin between the belt clip frame and the flat protruding top of the latch as shown in Figure 3.

Gently apply pressure against the bottom of the clip. The clip will slide toward the display side of the pager.

(image)

Figure 3

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### **Repair and Maintenance**

The "Bravo" Series pager, properly handled, is capable of many years of trouble-free service. However, should it ever require service, Motorola's Service Organization, staffed with specially trained technicians, offers strategically located repair and maintenance facilities. Consult your Motorola sales representative for service locations in your area.