



**BRAVO plus**

## User's Guide

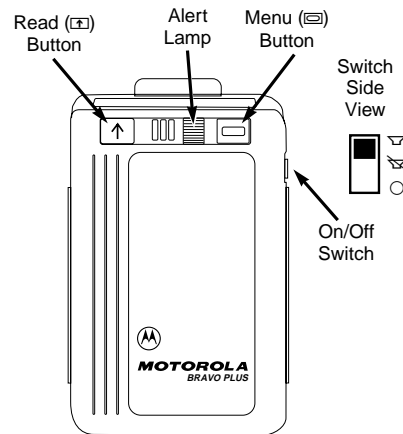
## INTRODUCTION

Congratulations on your purchase of a Motorola BRAVO PLUS numeric display pager. This compact pager has been designed with simple-to-use operating buttons, rugged housing, and an easy-to-read display.

The BRAVO PLUS pager fits easily in your pocket or purse, or can be worn on your belt.

The BRAVO PLUS pager offers a number of features. We encourage you to read this instruction manual carefully to obtain the full benefits from your BRAVO PLUS pager.

## CONTROLS



**Read Button** (↑) – Used to read messages and to activate pager functions. Also used to scroll through the hours and minutes for time setting.

**Menu Button** (→) – Used to scroll through the pager menus and set the time of day.

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**On/Off Switch** – This three-position slide switch is used to turn the pager on and off, acts as a master reset button, and activates the backlight.

**Alert Lamp** – Flashes to give a visual indication when a message is received.

### TURNING THE PAGER ON

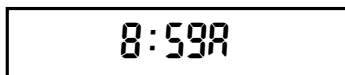
**SILENT Mode:** Slide the On/Off Switch in an upward direction to the SILENT symbol (🔕). The pager vibrates (if equipped) and the lamp flashes for 4 seconds.

**ON Mode:** Slide the On/Off Switch in an upward direction to the ON symbol (🔊). The pager emits an interrupted beep and the lamp flashes for 4 seconds.

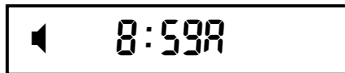
A full-segment display accompanies the power-up alert.



The display then changes to the standby screen.



Standby Screen in SILENT Mode



Standby Screen in ON Mode

## SETTING THE TIME

- To set the time, press → until SET TIME is displayed, then press ↑.
- The hours digits (represented by the grey characters in the sample shown below) begin to blink.



Set the hours digits by pressing ↑ until the correct hour is displayed along with the appropriate **A** (for A.M.) or **P** (for P.M.) symbol. Keep pressing ↑ to cycle through the hours from A.M. to P.M. When the correct hour (A.M. or P.M.) is displayed, press → to advance to the minutes digits.

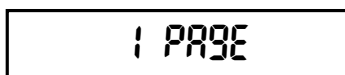
- The first digit of the minutes (represented by the grey character) begins to blink. Press ↑ to change the first digit of the minutes. Press → to advance to the second digit of the minutes. Press ↑ to change the second digit of the minutes. Press → one more time to leave the time setting function.



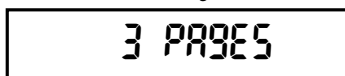
- All portions of the time of day screen, except the colon (:), stop blinking. The time of day is now set and the pager is in the standby mode.

## READING A MESSAGE

When a message is received, the pager gives an audible and/or visual alert (or vibrates if equipped) for 8 seconds. The number of unread messages is displayed. The alert automatically stops, or you can reset the pager by pressing any of its buttons.



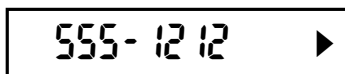
1 Unread Message Indicator



3 Unread Messages Indicator

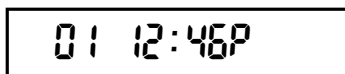
To read your message, press  $\square$ .

The first screen of your message is displayed. To "freeze" your message, press and hold  $\square$  while viewing it. The pager automatically advances to the next screen of the message, or you can view it by pressing  $\square$ . The continuation symbol ( $\blacktriangleright$ ) indicates there are additional screens.



First Screen of a Message

The screen following your message is the timestamp screen. It shows the message slot number and the time that the message was received (the order that the message was received).



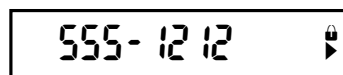
Second Screen of a Message

The pager returns to the standby mode.

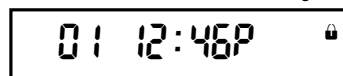
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## LOCKING A MESSAGE

To lock a message (protect it from being overwritten or erased), press  $\square$  while the message or timestamp screen is displayed.  $\square$  is displayed on the upper, right-hand corner of the screen to indicate that the message has been locked. Up to 5 messages can be locked in memory.



First Screen of a Locked Message



Second Screen of a Locked Message

To unlock a message, follow the procedure used to lock it. The lock symbol disappears from the message and timestamp screens.

## ERASING MESSAGES

The "Erase All" function deletes all read, unlocked messages from memory.

To erase unwanted messages, press  $\square$  until **ERASE ALL** is displayed, then press  $\square$ . All read, unlocked messages are removed from memory. All unread and locked messages are moved to the first memory slots and carry the new message slot number.

**NOTE:** You must first read a message before it can be erased.

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## SELECTING AN ALTERNATE FREQUENCY

Synthesized and Auto-Synthesized Models:

- Press  $\square$  until your choice of **SCAN** mode or frequency designator is displayed (for example: **SCAN 1**, **F 1**, **F 2**, etc.).
- To view alternate frequencies, press  $\square$ . When **SCAN** or the frequency designator you wish to select is displayed, press  $\square$  to "lock in" the new frequency or mode.
- When **CONFIRM** is displayed, press  $\square$  to activate your selection.

## STANDARD FEATURES

**Time of Day/Standby Screen:** The time of day is displayed while the pager is on and in the standby mode.

**Time Stamp:** The time of day that each message was received is displayed on a separate screen following the message.

**Memory Retention:** When the pager is turned off, all messages and the time of day remain in memory.

**Memory Capacity:** The pager can store up to 16 messages or a total of 160 characters. Individual messages can be up to 20 characters in length.

**Message Protect/Lock:** Up to five individual messages can be locked in memory so they will not be overwritten by new messages or discarded during the "Erase All" function.

**Hold Full Indicator:** You can selectively protect up to 5 messages by locking them in memory. When an attempt to lock more than 5 messages is made **HOLD FULL** is displayed for 2 seconds indicating that this message cannot be protected.

**Automatic Reset:** If you do not reset your pager during an alert, it will automatically reset after 8 seconds.

**Chirp in Silent (Non-Vibrate Models Only):** When the pager is in the SILENT mode, a short chirp (beep) will alert you to incoming messages.

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**Master Reset:** Pressing the On/Off Switch twice resets the pager and causes the pager to return to the standby mode.

**Reminder Chirp:** When an unread message is stored in memory, the pager gives a reminder chirp (short beep) every two minutes. Vibrate models emit a short vibration in place of the chirp when in the SILENT mode.

**Duplicate Message:** Incoming messages are compared to messages stored in memory. If a new message is identical to a message in memory, **DUPPLICATE** is shown for 2 seconds at the beginning of the message. The new timestamp follows the duplicate message.

**Low Battery Indicator:** When the battery nears the end of its life, the time-of-day screen is replaced with **LOW BATTERY**. The battery must be replaced within a few days to avoid interruption of pager operation.

**Tone Alerting:** The BRAVO PLUS pager can also respond as a basic tone-alert model. When a tone-only message is received, **PHONE ONLY** replaces the standard message screen.

**Unread Message Counter:** When unread messages exist, the standby screen is replaced by the unread message indicator. The unread message indicator displays the number of pages that have not been read, and is updated anytime a message is received (except if message duplication occurs). If  $\square$  is pressed, and there are no messages in memory, **NO PAGES** is displayed.

**Memory Full Indicator:** If 16 messages or 160 characters are stored in memory, **MEMORY FULL** is displayed in place of the standby screen. A new message could cause the oldest (first) unlocked, read message to be overwritten. When some or all of the read messages are erased, the pager returns to the standby mode.

**Overflow Indicator:** When the number of unread messages is greater than the number of available memory slots (16), **OVERFLOW** replaces the unread message indicator. **OVERFLOW** indicates that the oldest (first) unread message has been "pushed out" of memory by a more recent message.

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**Message Slot Number:** At the end of each message, preceding the time stamp, the message slot number is displayed to indicate the order in which the message was received. (Example: 03 09:30:00: the 09 indicates the ninth message received.)

**Erase All:** All read, unlocked messages can be deleted from memory using the "Erase All" function.

**Backlight Display:** Press the On/Off Switch for backlighting in low-light conditions.

**Freeze Screen:** When reading a message, you can "freeze" it on the screen by pressing and holding [F].

**SILENT:** When in the SILENT mode, the pager does not give an audible alert.

### CLEANING YOUR BRAVO PLUS PAGER

To clean the exterior of the BRAVO PLUS pager, use a soft, non-abrasive cloth moistened in a mild soap and water solution. Use a second cloth moistened in clean water to wipe the surface clean. Do not immerse in water. Do not use alcohol or other cleaning solutions.

### REPAIR AND MAINTENANCE

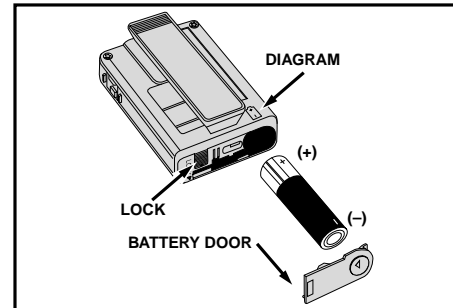
The BRAVO PLUS numeric display pager, properly handled, is capable of many years of trouble-free service. However, if service is required, Motorola's National Service Organization, staffed with specially trained technicians, offers strategically located repair and maintenance facilities. Consult your Motorola sales representative for service locations in your area.

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### BATTERY INFORMATION


Your BRAVO PLUS pager is designed to operate with a single AA-size alkaline battery.

#### Installing/Replacing the Battery



- Locate the ribbed lock on the bottom of the pager. Slide the lock toward the back cover to expose the red marking.
- While pressing on the recess of the battery door, slide the door in the direction of the arrow until it pops up from the housing.
- Align the battery so the polarity markings (+ and -) match the markings on the back cover. Insert the battery.
- Align the semicircle on 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 until it is completely closed.
- After the cover is closed, slide the lock toward the front of the pager to conceal the red marking.

#### Low-Battery Indicator

When the battery nears the end of its life, the standby screen is replaced with . The battery must be replaced within a few days to avoid interruption of pager operation.

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### PATENT INFORMATION

The BRAVO PLUS and BRAVO PLUS Auto Synthesized pagers are manufactured under one or more Motorola U.S. patents. A partial listing of these patents can be viewed on the back cover upon removal of the belt clip. Other U.S. patents for these products are pending.

#### REMOVING THE BELT CLIP

Position the pager so that the display faces you. Rotate the pager until the belt clip is pointing up ([F] and [M] buttons pointing toward the ground). Hold the belt clip in one hand. Use your other hand to push down on the small black spring-loaded tab (located between the two metallic tabs on the pager housing) with either your finger or a coin. With this tab held down, slide the belt clip toward you until it is free of the housing.

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