



BR850

USER GUIDE

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Congratulations on purchasing a BR850 pager. Your new pager provides exciting capabilities in messaging and can become a vital part of your business and personal life. This compact pager combines messaging and time keeping functions in a package that is convenient to carry. Your BR850 uses FLEX[™] technology. The Motorola's FLEX protocol-based pagers offer extended battery life and improved paging reliability. To fully understand the features this pager offers, please take a few minutes to read this user's guide.

This user's guide also includes a detachable quick reference card on the back cover.

Effective Use of Your Pager

Your pager can help you keep in contact with everyone important to you. By giving your pager number to your business associates, family, and friends, you can be contacted whenever needed. If you have a cellular phone, give your pager number instead of your cellular number. Then you can decide who to call back on your cellular phone without paying for incoming calls.

Battery Information

Your pager operates with one AAAsize alkaline battery (carbon zinc batteries are not recommended).



Installing/Replacing the Battery

- Turn the pager off. Refer to "Turning Your Pager Off" on page 6.
- 2 Locate the battery door on the back of the pager.
- Slide the battery door in the direction of the arrow to unlatch the battery door.
- Lift the battery door up to open.
- Remove the old battery, noting the polarity.
- Position the new battery so the + and markings on the battery match the polarity diagram next to the battery compartment.
- Close the battery door.
- 3 Slide the door until it is fully closed.

Note: Check your pager's clock time after replacing the battery.





- Read Used to turn the pager on, read messages, and navigate through menus.
 - Select Used to select pager settings and features. Also used to read additional screens of messages.

1

Turning Your Pager On

- Press . The start-up screens are displayed and your pager activates the power on chime (when in audible mode).
- **2** Press any button to stop the alert.

The unread message screen is displayed.

When your pager is on and no activity is taking place, the Standby screen is displayed. The Standby screen displays the time and date and may display other status indicators.



Turning Your Pager Off



- From the Standby screen, press twice.
- Press and release until PRSER OFF is displayed, then press <.</p>

 ${\tt QFF}$ is displayed momentarily before the pager shuts off, and ${\small \textcircled{B}}$ is removed from the display.

The off screen displays the time and date, and if an alarm is set, the alarm indicator.

Sending a Test Page to Yourself

After you have read this guide and your pager has been activated by your service provider, send yourself a test page. Refer to "Functionality and Use of Your Pager" on page 40.

Backlight

In low-light conditions, press and hold • for 2 seconds to turn on the pager's backlight. The backlight turns off automatically after the pager returns to the Standby screen.

Setting up Your Pager

This section gives instructions for setting the time and date, Private Time, and alert volume. Access to these features is obtained through the Setup Pager menu.





Setting the Time and Date



- From the Standby screen, press twice.
- Press and release until 5ET UP PRSER is displayed.
- Press (. IIME/IRTE is displayed.

FORMATIAM/PM or FORMATI24HR is displayed.

Press and release ● until your choice of FORMATIAM/PM (for AM/PM time), or FORMATI24HR (for 24-hour time) is displayed, then press √.

The screen used to set the time is displayed with the hour digit flashing.

- O Press until the correct hour is displayed, then press √.
- Repeat Step 6 to set the minutes and AM/ PM fields (if AM/PM time was selected above).





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After the time has been set, the screen used to set the date is displayed.

- Press and release until the correct month is displayed, then press
- Press and release until the correct day is displayed, the press √.

5E7 is displayed momentarily.

To Turn Private Time On

You can set a time period during which your pager still receives messages but it will not alert. Your pager goes into the Private Time mode daily until it is turned off.

- ® ₅ Set up pager
- ® ₽RIVATE "TIME
- ≈ 316, <u>318, 118</u>



- From the Standby screen, press twice.
- Press and release until 587 UP PR5ER is displayed.
- OPress √, then press ●.
 PRIVATE TIME is displayed.

PRIVATE OFF or PRIVATE ON is displayed depending on the current setting.

O Press and release ● until PRIVATE ON is displayed, then press <.</p>





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The screen used to set the start time is displayed.

- Press and release until the desired start hour is displayed, then press
- Repeat Step 6 to set the minutes and AM/PM fields (if your pager's clock is set to AM/PM time).



The screen used to set the stop (EN_{ω}^{T}) time is displayed.

• To set the stop time, follow the same procedure used to set the start time.

When finished, 5E7 is displayed momentarily.

Note: When your pager has entered the private time mode, C replaces the alert mode indicator.



To Turn Private Time Off

- ® PRIVATE OFF
- Follow steps 1 through 4 in "To Turn Private Time On" on page 11.
- Press and release until PRIVATE: DFF is displayed, then press √.

The START screen is displayed momentarily.

Selecting the Incoming Message Alert

You can set your pager's incoming message alert to a vibration, a chirp (short beep), no alert (no beep or vibration), a mixed audio alert (vibration then musical alert) or you can select one of the musical alerts.

- From the Standby screen, press twice.
- Press and release until SELECT BLERT is displayed, then press √.

The current alert setting is displayed.



8	4 0
RLERT	RUNO

0	×
	SELECTEN

- Press until your choice of RLERT RUDIO, RLERT VIDE, RLERT CHIRP, RLERT NONE, or RLERT MIXED is displayed.
 - **Note:** If RLERT AUDIO or RLERT MIXED is selected, the pager automatically goes into the set-audio alert mode, refer to "Alert Audio and Alert Mixed" on page 17.
- When the desired alert is displayed, press √. The pager gives a sample of your selection.

SELECTED is displayed momentarily.

ALERTS

Alert Audio and Alert Mixed

The Alert Audio feature allows you to select one of the musical alerts. The Alert Mixed features allows you to select a combination alert that produces a short vibration then a musical alert.

⊛ •» Au1110 1

® RUIIO 2

When Alert Audio or Alert Mixed is selected in the Select Alert feature the previously selected alert is displayed and sampled.

- Press and release
 until your choice
 of musical alert is displayed. The pager
 gives a sample of each alert as you scroll
 through the choices.
- **2** Press \checkmark to select the alert.
 - SELECTED is displayed and the pager gives a sample of the alert.
- O Press ✓ to stop the alert.



Alert Volume

You can set the alert volume to low, medium, or high.

- From the Standby screen, press twice.
- Press and release until SET UP PREER is displayed, then press √.
- O Press and release until VOLUME is displayed, then press √.

The current volume setting is displayed.

④ Press and release ● until your choice of VOLUME HIGH, VOLUME MED, or VOLUME LOW is displayed, then press √.

587 is displayed momentarily.



Messages

Your pager can receive up to 60 messages. When a message is received, your pager alerts according to the current alert and \circledast flashes.

Reading New Messages

0		4 8	
NEW	1		

- Press to stop the alert and display the number of new messages.
- Press
 again to display the first unread message. When
 is present, it indicates that the message continues on an additional screen.



0	3:30P	07/05	
0	EN	40 1 Ti 11	

Press ✓ to display the next screen of your message.

The next screen of your message, typically the time stamp, is displayed.

• Repeat Steps 2 and 3 to read the next message.

ENI is displayed after the very last message is displayed.

Note: To exit from any screen while reading your messages, press ●, 50 HOME is displayed, then press √. The number of unread (new) messages is displayed before the pager returns to the Standby mode.

Reading Stored Messages



Note: If no messages are stored, ND ME5586E5 is displayed.

- Press ✓ to display the second screen of your message. If you want to view the first screen again, press ✓ again.
- Press

 to display the next stored message. If you want to display just the first screen of your messages, continue to press and release
 .

After you have viewed all stored messages, ENI is displayed.

Note: To exit from any screen while reading your messages, press ●, 50H0ME is displayed, then press √. The number of unread messages is displayed before the pager returns to the Standby mode.

Saving Messages

You can save important messages by moving them to the Message Folder. For information about moving, reading, and deleting messages in the folder, refer to "Message Folder" on page 25.

DALETING

Deleting Messages

Messages that you no longer want can be deleted one at a time or all at once (delete all). Unread messages and messages that have been moved to the message folder are not deleted.

Deleting a Single Message







Deleting All Messages

This feature allows you to delete all previously read messages at one time. Messages stored in the Message Folder are not deleted with this feature.



- From the Standby screen, press twice.
- Press and release until IEL BLL MS55 is displayed, then press √.
 - JEL REL YES is displayed.

❸ Press (.

JELETED is displayed. All messages except unread messages and those in the message folder are deleted.

Message Folder

You can prevent important messages from being deleted, or from being overwritten by new messages, by moving them into the folder. Messages moved into the folder retain their original time stamp. Up to 30 messages can be moved into the folder. MEM FULL is displayed if you try to move a message into the folder when there is not enough storage space left.

Moving a Message into the Folder

Note: Messages can only be moved one at a time into the folder.

0	1	4 3	
555	- 12	12	
	_	-	



Press and release
until MOVE/FOLDER is displayed.

With the message displayed, press •.





❸ Press (.

MEVED is displayed indicating the message has been moved to the folder and the pager returns to the read-message mode.

Note: After messages are moved to the folder, they can not be moved back into the personal message area. They can only be read and deleted.

Reading Messages in the Folder



- From the Standby screen, press twice. 50/F0LJER is displayed.
- Press ✓ to display the first screen of your message.
 - *Note:* If no messages are stored in the folder, N0 MESSAGES is displayed.
- Press ✓ to display the second screen of your message. If you want to view the first screen again, press ✓ again.





Press to display the next stored message. If you want to display just the first screen of your messages, continue to press and release .

After you have viewed all messages stored in the folder, ENI is displayed.

Note: To exit from any screen while reading your messages, press ●, 50H0ME is displayed, then press √. The number of unread (new) messages is displayed before the pager returns to the Standby mode.

Deleting Messages from the Folder

Note: Messages can only be deleted one at a time.



⊗	2	4 0
	DELETE	M55

A

- With the message displayed, press •.
- Press and release

 until IELETE MSB is displayed.
- O Press √.
 DELETED is displayed.





Alarm

Your pager has three alarms. Each alarm can be set for one time on a specific date, a specific time daily, or a specific time weekly. At the selected alarm time, your pager alerts with the same alert as the incoming message alert.

Setting the Alarm



- From the Standby screen, press twice.
- Press and release until 5ET ALARM is displayed.
- ❸ Press (.

RLARM 1 is displayed.

Press and release ● until your choice of RLARM 1, RLARM 2, or RLARM 3 is displayed, then press √.



0	4» D
EN	

0	₽
TIMEL	12:008

ON or OFF is displayed.

Press and release ● until ^(IN) is displayed, then press √.

The screen used to set the alarm time is displayed.

• Set the alarm time by following the steps in "Setting the Time and Date" on page 8.



⊛]!ATE:	4 4 1 1 / 1 1
⊛ IRILY	4 » Ĵ
	10.0
0	•• 4 567

When you have finished setting the alarm time, the screen used to set the alarm date is displayed.

- Enter the alarm date by following the steps in "Setting the Time and Date" on page 8.
- When you have finished setting the alarm date, press and release ● until your choice of 1 TIME, JAILY, or WEEKLY is displayed.

Ø Press √.

5ET is displayed momentarily.

LAR



At the alarm time, your pager alerts, the alarm number (for example, $BLRRM \ge$) is displayed, and the Qindicator flashes. Press any button to remove the alarm indication.

Note: If the alarm is set for Weekly or Daily, the $\[mathscreen]$ indicator stays on the screen.



Turning Off a Daily or Weekly Alarm

- From the Standby screen, press twice.
- Press and release until SET BLARM is displayed, then press √.
- Press and release until the alarm you want to turn off is displayed, then press √.
- Press and release until UFF is displayed, then press
 .

The TIME screen is displayed momentarily.
Optional Features

QuickNotes

QuickNotes are short messages that can be displayed when you are paged. There can be up to 5 QuickNotes stored in your pager. The person paging you activates these messages by entering a code followed by the rest of the message.

To receive a QuickNote, the person paging you enters ** on the keypad, then the code, then the rest of the message. For example, if someone paged you and entered ****087**, you would receive a message like this RUNNING_LERE.

Note: QuickNotes are subject to change. Contact your service provider to verify the list and to make desired changes.

Code	Message Displayed	Code	Message Displayed	Code	Message Displayed
087	Running Late	108	Next mtg at	107	Mtg now at
106	Mtg at	119	Delayed til		

The menu selection <code>CONNECT</code> is intended for use by service personnel only. When selected, an alternating pattern of <code>JCCD</code> is displayed. To exit this screen, press any button twice and the pager restarts.

Message and Pager Indicators

Your pager has several indicators to inform you of the status of your messages and your pager.

Duplicate Message

When a new message is received that is identical to one already stored, the older message is overwritten by the new one. JUPLICATE is displayed before the new message and new time stamp.

Errored Data

When a message is received that might contain errors, the characters likely to be in error flash when the message is read.

Alarm

The alarm icon $\ensuremath{\mathfrak{Q}}$ is displayed when an alarm is set and flashes during the alarm alert.

Memory Full

When the pager memory is full, for example, all message locations are occupied, MEM FULL is displayed in the Standby screen until a button is pressed. When this occurs, delete your old unwanted messages to make room for newer messages. MEM FULL is also displayed if you try to move a message into the message folder when there is not enough storage space left.

Note: If you don't delete any old messages, the pager automatically deletes the oldest read message to make room for the new message.

Low Battery

When the voltage of the pager's battery drops below a certain level, \square is displayed on all screens, even when the pager is off. The low-battery condition is displayed until the battery is replaced.

Note: Check your pager's clock time after replacing the battery.

Belt Clip

Your pager has a removable belt clip. To remove and replace the belt clip, follow the instructions below.

Removing the Belt Clip

- Insert the pointed end of a non-metallic tool (such as a pen cap) into the top end of the belt clip as shown in the illustration.
- Push upward on the tab and slide the belt clip forward to separate it from the pager.



USE AND CARE

Replacing the Belt Clip

• Place the belt clip with the belt clip holder.

2 Slide the belt clip into the holder until it snaps into place.

Cleaning Your Pager

To clean smudges and grime from the exterior of your 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.

Care And Maintenance

The BR850 pager is durable, reliable, and can provide years of dependable service; however, it is a precision electronic product. Water moisture, excessive heat, and extreme shock may damage the pager. Do not expose your pager to these conditions. If repair is required, the Motorola Service Organization, staffed with specially trained technicians, offers repair and maintenance facilities throughout the world.

You can protect your pager purchase with an optional extended warranty covering parts and labor. For more information about warranties, please contact either your paging service provider, retailer, or Motorola, Inc. at 1-800-548-9954. For repairs, call Motorola, Inc. at 1-800-548-9954 in the U.S. or 1-800-323-9685 in Canada. In the U.S., to contact Motorola, Inc. on your TTY, call 1-800-793-7834.

Functionality and Use of Your Pager

For questions pertaining to the functions and use of your Motorola pager please visit our web site at www.motorola.com/pagers or in the U.S. call 1-800-548-9954 or 1-800-793-7834 (TTY). For questions pertaining to your paging service, contact your paging service provider.

Patent Information

This pager is manufactured under one or more Motorola U.S. Patents. A partial listing of these patents is provided on the inside surface of the battery door. Other patents covering this product are pending.

4860003	5051993
5117500	5128665
5168493	5311516
5325088	5371737
5414419	5450071
	5117500 5168493 5325088

Regulatory Agency Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 and 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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

ONE (1) YEAR STANDARD LIMITED WARRANTY AND PROVISIONS (U.S.A. ONLY)

Motorola warrants the pager against defects in material and workmanship under normal use and service for the period of time specified below. This express warranty is extended by Motorola, 1500 Gateway Blvd., Boynton Beach, Florida 33426 to the original end user purchaser only and is not assignable or transferable to any other party.

This warranty sets forth the full extent of MOTOROLA's responsibilities regarding the pager. Repair, replacement, or refund of the purchase price, at MOTOROLA's option, is the exclusive remedy. THIS WARRANT IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY IS LIMITED TO THE DURATION CHOSEN. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE MOTOROLA PAGER, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY O USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

Motorola pagers are shipped from the factory with a standard limited warranty of one (1) year on parts and labor from date of purchase by the original end user purchaser, based on proof of purchase. In the event of a defect, malfunction, or failure to conform to specifications during the warranty period, Motorola, at its option, will either repair, replace or refund the purchase price of the pager. Repair, at Motorola's option, may include the replacement of parts or boards with functionally equivalent reconditioned or new parts or boards. Replaced parts and boards are warranted for the balance of the original warranty period.

(continued)

LIMITED WARRANTY AND PROVISIONS (U.S.A. ONLY) continued

All parts and boards removed in the replacement process shall become the property of Motorola. This warranty does not cover defects, malfunctions, performance failures or damages to the unit resulting from use in other than its normal and customary manner, misuse, accident or neglect, the use of nonconforming parts, or improper alterations or repairs. This warranty does not cover wear and tear on covers or housings, nor the coverage or range over which the pager will receive signals.

For information on how to receive service on Motorola pagers or covered accessories, call 1-800-548-9954 or 1-800-793-7834 (TTY).

Pager warranty will be VOID if any of the following conditions occur:

- Pagers that are incomplete such as those in which boards or components are missing and/or incompatible.
- Pagers whose serial numbers do not match on the boards, or pagers in which the board serial numbers don't match the housing.
- Pagers that have been opened by, or had work performed by, anyone other than a Motorola authorized pager service center.
- · Pagers received with non-conforming or non-Motorola housings or parts.

Flat rate repair fees apply to pagers and accessories not covered under warranty.

STATE LAW RIGHTS

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, THEREFORE THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Personal Numbers

Use the spaces provided below to write down your pager and personal identification number (PIN), and the number of your service provider. Additional spaces have been provided to write down the pager and PIN of your family and friends.

Service Provider	Pager Number and PIN		
Family and Friends	Pager Number and PIN		

BR850 Quick Reference Card

Control Buttons

- 🗩 Read
- ✓ Select
- Menu

Indicators and Icons

- Pager is on. When flashing, indicates an unread message.
- Message Continuation Indicator
- Audio Alert Mode Indicator
- Vibrate Mode Indicator
- Alert Mixed Indicator
- Private Time Set, Audio Alert Mode
- Private Time Set, Vibrate Mode
- Private Time Set, Alert Mixed Mode
- C Private Time is Active
- Alarm is Set, flashes during alarm alert
- Y Out of Range Indicator

Low Battery Indicator

F Message Folder

Turning Your Pager On Press •

Turning Your Pager Off

- From the Standby screen, press twice.
- Press and release until PREER DFF is displayed, then press √.

Setting the Time and Date

- From the Standby screen, press twice.
- Press and release until 5ET UP PREER is displayed.
- Press √twice.
- Press and release for AM/PM or 24-hour format, then press (.

- O Press until the correct hour digit is displayed, then press √.
- Repeat step 5 to set the minutes and AM/PM fields (if applicable).
- Press and release until the correct month is displayed, then press . Repeat this step to set the date.

Moving Messages to the Folder

- With the message displayed, press ●.
- Press and release until MOVE>FOLIER is displayed, then press (.

Reading Messages in the Folder

- From the Standby screen, press twice.
- ❷ Press ✓ to display the first message.

 Press
 to display the next message. Repeat this step to display all messages in the folder.

Setting the Alarm

- From the Standby screen, press twice.
- Press and release until 5ET BLBRM is displayed, then press √.
- O Press and release to select the alarm.
- Press and release until ^{IN} is displayed, then press √.
- O Press until the correct hour digit is displayed, then press <.</p>
- G Repeat Step 5 to set the minutes, the AM/PM fields, the date, and to select a one time, daily, or weekly alarm.

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