Bravo and Orion - User Manual

Contents

Pager Features

The Br 802 POCSAG offers a wide range of useful features

- 4 Lines, 20 English character screen
- Up to 40 Inbox messages
- Up to 24 Info slots with 5 history per slot
- 20 Saved slots for messages transferred from Inbox or Info folder
- 8 user selectable pleasing alerts
- Vibrate alert and vibra call
- Quick access to vibrate mode
- 3 speed auto scrolling option
- Private time
- Backlight display for ease of reading
- Message zoom
- Unread message indication
- Alarm (One Time/Daily)
- Changeable naming for Group message, Info slot, Info folder,
  Saved folder and Inbox folder

- Error message indication*
- Message preview
- Message full indication
- Continous message indication
- Unread message indication
- Duplicate message indication*
- Priority message alert
- Group message alert
- Info message alert
- Unread message reminder alert
- Low battery alert*
- Real time clock and date display
- Adjustable LCD contrast
- Battery life gauge
- Out of range indication*

- Power up message*
- Auto Backlight on upon reception of message*
- Over the air programming*

*optional features are set by the service provider

Battery Information

This pager is designed to operate on one 'AA' size alkaline battery(Do not use any other battery type than AA alkaline). If the display shows ⬜ the battery level is low. Replace the battery as described on page 7. The correct time and any stored Messages will remain intact for up to one minute after removing the battery.

WARNING - Use of a battery other than an Energizer E91 OR a Duracell MN 1500 1.5V AA Alkaline Battery may impair Intrinsic Safety. To prevent ignition of flammable or combustible atmospheres, remove battery before servicing.
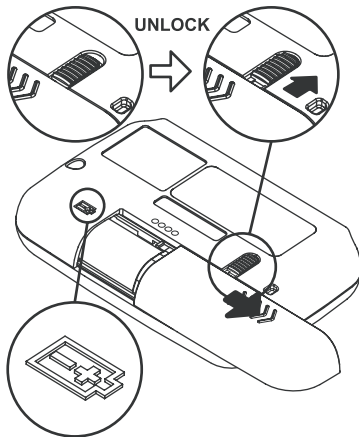
Intrinsic Safety Markings

c (UL) US LISTED   RAD DEV FOR HAZ LOC INT SAFE
Cl.I,Div1,Gr.CD, Cl.I,Div2,Gr.ABCD, Exia, T4

CE 0539 ⟨Ex⟩ II 1 G   EEx ia IIA T4   DEMKO 05 ATEX 0511276

UNLOCK

Battery Installation and Removal

- Place the pager face down on the palm of your hand

- Unlock the door and slide it out as shown

- Insert new battery into battery compartment

- Ensure that the battery polarity is corrct as indicated on the housing.

- To close, slide the battery door back into position and lock it

Button Definition

Up Button
Down Button
Backward Button
Forward button
Read/On Button
Function Button
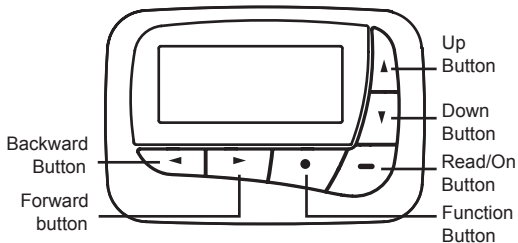
- Backward Button : navigate back
- Forward Button : navigate forward
- Function Button : access the function menu
- Read/On button : read messages/hold to turn pager on
- Down button : navigate down/hold to quick access to vibrate mode
- Up button : navigate up

Pager ON

Press and hold ▬ for 2 seconds to turn on the pager.

Pager OFF

Press ● button once from the Main Menu screen to go to the Function Menu screen, then press ▶ button five times to select TURN OFF function.

Press ● button, "TURN OFF" is displayed.
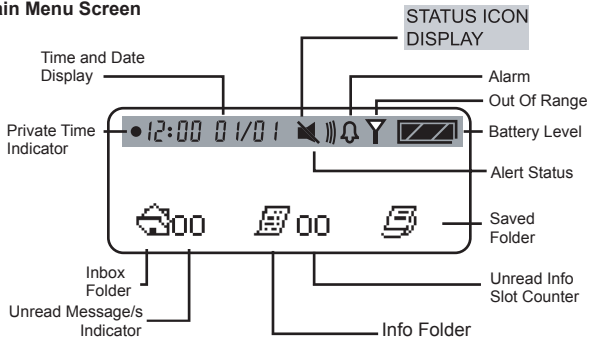
Press ● button again to confirm turning your pager off, or ▬ button to cancel.

Backlight

Press and hold ● for 2 seconds to turn ON the backlight manually

Press and hold ● for 2 seconds to turn OFF the backlight manually

Main Menu Screen

STATUS ICON DISPLAY

Time and Date Display

Alarm

Out Of Range

Private Time Indicator

Battery Level

Alert Status

Saved Folder

Inbox Folder

Unread Info Slot Counter

Unread Message/s Indicator

Info Folder

The pager returns to the Standby screen after the time out period. Time, date, battery level and private time indicators are displayed in the Standby screen.

Press any button to return to the Main Menu screen

Function Menu

```
12:00 01/01  ◀
   SET ALERT
 ♪ 🕐 🕑 🔔 ⊗ ◉
```

Current Function Prompt

Set Alert
Set Time
Private Time

Turn Pager Off
Pager Control
Set Alarm
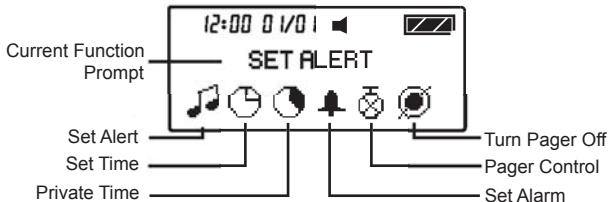
- Press ● to enter the function Menu screen from the Main menu screen.
- Press ◀ / ▶ to move to the desired menu icon
- Press ● to select
- Press ━ to cancel and return to the Main Menu

Pager Tips
Without any key press, the pager automatically returns to the Standby screen without saving changes after 16 sec.

Alert Mode

```
        12:00 01/01  ◀))    ▰▰▱
Alert Icons   ◀ ◀̷ ✕ ◀♪♪ ↺
Dummy Alert  ♪ 1 2 3 4 5 6 7 8
```
8 Pleasing Alerts

- Press ● to enter the Function Menu screen from the Main Menu screen
- Press ● to enter alert mode sub function. The dummy alert will blink

- Press ◀ / ▶ to move to different alert modes and hear a sample from vibrate,sleep,vibra-call,chirp,continous alert and pleasing alerts 1-8

- Press ● to confirm your selection,or ━ to cancel.
The alert status is updated in the status icon display as described below:

◀   Audio :
    Pleasing alert,chirp
    continous alert

◀)) Vibrate:
    vibration

◀   Sleep:
    Receives messages but no
    alert

◀)) Vibra-call:
    Vibration followed by
    audio alert

Quick Access to Vibrate mode

You can use ▼ to quickly access vibrate mode if your pager is currently in audio alert mode. (Your pager must be on the Main Menu page in order to use this function).

Alert mode active

Silent mode active
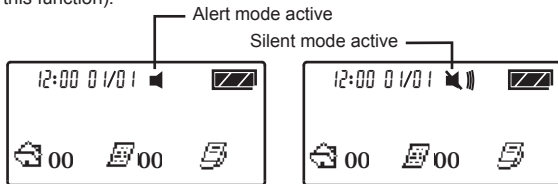
- Press and hold ▼ for 2 seconds to access vibrate mode.
- Repeat the process to return to previously active alert mode.
- When the pager is in Private Time, quick access to vibrate mode is not available.

Function Menus

Time and Date

To access and set the time and date of your pager;
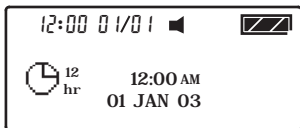
```
 12:00 01/01 ◄       �

  ⏱ 12        12:00 AM
     hr        01 JAN 03
```

- Press ● once from the Main Menu screen to enter the Function Menu screen and SET ALERT will appear.

- Press ► button once to select "SET TIME", then press the ● button and a 12 hour clock appears.

-To select the 12hr or 24hr clock press ▲ / ▼ then press ► to advance and set the hour of your pager.

-After presing ► to highlight the hour field, use the ▲ / ▼ button to choose the value.

- Repeat the above steps for setting minutes, AM/PM, day, month and year.

- Press ● to confirm your settings, or ━ to cancel.

Private Time

Activating Private Time sets a daily period of time in which your pager will not alert. Private Time overrides any current alert mode status. However, the pager will still receive messages, the alarm and Priority Alerts will still alert when the pager is in Private Time.

```
●  12:00 01/01  ◀        ▱▰
Private time
active ┌
        ♣   START      END
            12:00 AM   12:00 PM
```

Private time active

-Press the ● button once from Main Menu screen to go to the Function Menu screen, "SET ALERT" will appear. Press ► twice to select "PRIVATE TIME", then press ● to enter. A flashing clock appears.
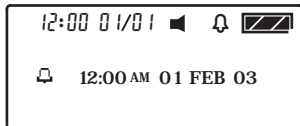- Press ▲ / ▼ to activate or deactivate the Private Time function.*
- Press ► to go to the "START" field , press ▲ / ▼ to set the starting time. Then Press ► to go to the "END" field, press ▲ / ▼ to set the ending time.
- Press ● to confirm your settings, or ▬ to cancel.
* A dot at the left of the Status Icon Display indicates that the function is active.

Alarm (One Time/Daily)

To use your pager as an Alarm;

```
12:00 01/01  ◀  ♫  ▱▰

      ♫   12:00 AM  01 FEB 03
```
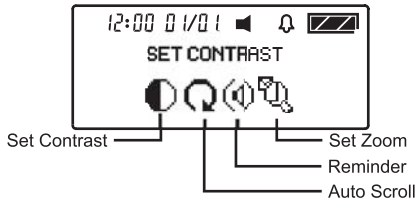
-Press ● once from Main Menu screen to go to the Function Menu screen, "SET ALERT" will appear. Press ► three times to select "SET ALARM", then press ● to enter and a flashing ♫ appears.

- Press ▲ / ▼ to turn the alarm ON ♫ or OFF ♫. Press ► to move to the time field.

- Press ▲ / ▼ to change the hour then press ► to move to the next field. Repeat this step for setting minutes, AM/PM, day, month and year.

- Press ● to confirm your settings, or ▬ to cancel.

- When the Alarm is active an Alarm icon is displayed in the Status Bar.

Pager Tips

By setting no date for your alarm the alarm will sound every day at the specified time; - example: " 9 : 00 AM -- --- -- "

Pager Control
The Pager Control Menu allows you to control the default settings of your pager.

Set Contrast — Set Zoom
Reminder
Auto Scroll

- Press ● once from the Main Menu screen to go to the Function Menu screen
- "SET ALERT" will appear. Press ► four times to navigate to "PAGER CONTROL"
- Press ● to enter subfunction screen.
- Press ◄ / ► move to the next control icon.
- Press ● to enter the selected control setting screen.

Set Contrast
To change the display contrast of your pager's screen;

```
 12:00 01/01  ◄  Ω  ▱
 ◑ [ ▶▶▶▶ - - - - ]
```

- Press ● once from the Main Menu screen to go to the Function Menu screen, "SET ALERT" will appear. Press ► four times to select "PAGER CONTROL", then press ● and "SET CONTRAST" appears. Press ● to select Set Contrast.
- Press ◄ / ► to select and change the display contrast of your pagers screen.
- Press ● to confirm your settings, or ━ to cancel.

Auto Scroll
Activating Auto Scroll will cause the display to scroll through a message automatically. The display will scroll faster or slower depending on the set speed.

```
 12:00 01/01 ◀  Δ ▱
  Ⓠ   MEDIUM
```

- Press ● from the Main Menu screen to go to the Function Menu screen, "SET ALERT" will appear. Press the ► button four times to select "PAGER CONTROL", then press ● . Press ► once and "AUTO SCROLL " appears. Press ● to select Auto Scroll.
- Press ▲ / ▼ to make auto scroll active Ⓠ or inactive Ⓠ .
- Press ► to highlight auto scroll level and use ▲ / ▼ to select "SLOW", "MEDIUM" or "FAST" as the scroll speed.
- Press ● to confirm your settings, or ▬ to cancel.

Reminder Alert

By turning Reminder on, the pager will alert at 2 minute intervals when there are unread messages.

- Press ● once from Main Menu screen to go to the Function Menu screen, "SET ALERT" will appear. Press ► four times to select "PAGER CONTROL", then press the ● button once and press the ► button twice and "REMINDER " appears. Press ● to enter the Reminder menu.
- Press ▲ / ▼ Button to switch ON or OFF.
- Press ● to confirm your settings, or ➖ to cancel.

Set Zoom
You can double the font size of your message display for easy reading.

```
 12:00 01/01  ◀  ♀  ▨▨
         SET ZOOM
          OFF
```

- Press ● once from Main Menu screen to enter the Function Menu screen and "SET ALERT" will appear. Press the ► button four times to select "PAGER CONTROL", then press the ● button and scroll the ► button three times and "ZOOM " appears. Press ● to enter the Set Zoom menu.
- Press ▲ / ▼ to switch ZOOM ON or OFF.
- Press ● to confirm your settings, or ━ to cancel.

Button Definition for Inbox and Saved Folders

In the Inbox or Saved Folder Screen;

- ● : display content of current message
- ► : move to the next message
- ◄ : move to the previous message
- ▲ : move to the previous line of message icons
- ▼ : move to the next line of message icons
- ● : enter Inbox/Saved Folder Function screen

When reading an Inbox or Saved message;

- ● : scroll down through the message. When it reaches the bottom it returns to the Inbox/Saved Folder Screen
- ► : move to the next message
- ◄ : move to the previous message
- ▲ : jump to the top of the message. When at the top of the message it returns to the Inbox/Saved Folder Screen
- ▼ : scroll down through the message. When it reaches the bottom it returns to the Inbox/Saved Folder Screen
- ● : enter Inbox/Saved Message Function screen

Button Definition for Info Folder

In the Info Folder Screen;

- ▬ : display the content of current message in the slot
- ▶ : move to the next slot
- ◀ : move to the previous slot
- ▲ : preview the previous message in the current slot
- ▼ : preview the next message in the current slot
- ● : enter Info Folder Function screen

When reading an Info Folder Message;

- ▬ : scroll down through the message. When it reaches the bottom it jumps to the next message. When it reaches the last message in the slot the pager returns to the first message of the slot
- ▶ : move to the next message
- ◀ : move to the previous message
- ▲ : jump to the top of the message. When at the top it returns to the Info Folder Screen
- ▼ : scroll down through the message. When it reaches the bottom it jumps to the next message. When it reaches the last message in the slot the pager returns to the first message of the slot
- ● : enter Info Message Function screen

Inbox Folder

- Press ⬤ to enter Inbox Folder Screen from the Main Menu screen when the cursor is on the Inbox Folder icon.

Current cursor position
Read group message
Unread message
Read message
Unread group message
Locked message

Current message number
Total messages

05/08 🔇 ▱▱▰

MESSAGE TEXT PREVIEW

Inbox Folder Function Menu


```
        16/24  ◀
        ESCAPE
    ⌂  🔒  ⧄  ⊠  ⑤
```

ESCAPE ———————
LOCK/UNLOCK ————
MESSAGE
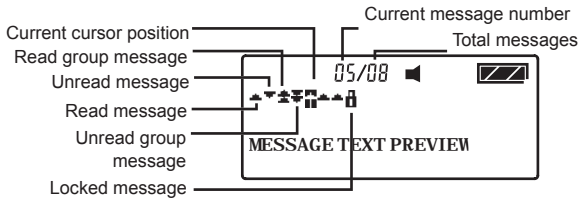
DELETE
————— MESSAGE
————— DELETE ALL
————— SAVE MESSAGE
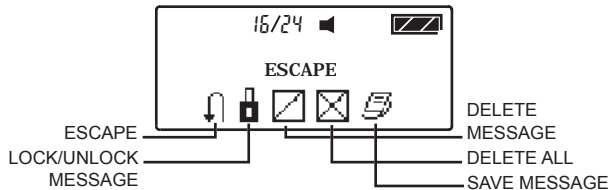
- Press ● to open the Inbox Folder Function Menu screen.
- Press ▶ to move to the next Inbox Folder Function prompt.
- Press ● to activate the selected function.
- A confirmation prompt "?" comes with "DELETE ALL" and "DELETE MESSAGE".
- Press ● again to confirm, or ━ to cancel.

- A message is defined as read once the first page of the message has been read. Previewing a message is not considered as reading a message.

- Locking a message prevents it from being accidentally deleted or overwritten by new messages. You can lock up to 20 messages.

- You can enter Inbox Message Function menu by pressing ● when you are reading the message. The operation is the same as the Inbox Folder Function Menu except there is no "DELETE ALL".

- Please note. Locked messages cannot be deleted. Likewise, unread messages cannot be deleted by using "DELETE ALL".

Receiving Messages

When a message is received, your pager alerts you according to your set alert mode. The time and date stamp at the end of each message indicates when the message was received.

(Normal, group and Priority messages have different pleasing alerts)

Time and Date stamp

```
    05/07  ◀    ▱
MESSAGE  TEXT  MESSAGE
TEXT  MESSAGE  TEXT
MESSAGE  TEXT  MESSAGE
TEXT  MESSAGE  TEXT    ‼
```

```
    05/07  ◀    ▱
CAP-1
12:01AM   01FEB2003
```

4-line x 20 Alpha characters

Continuous Message Indicator shows that the message continues on the next screen
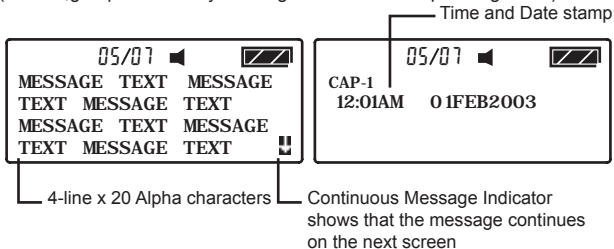
- Press ● to read the message

Error and Priority Messages

- When an error message is received and read, the incorrect characters blink. Error messages are a result of poor reception from the paging station.

```
        05/07  ◄      ▨▨▨
MESSA▨▨▨▨EXT
```
———— Blinking incorrect characters icon
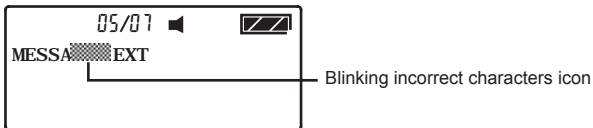
- When a Priority message is received, your pager will alert you with a unique alert no matter what mode the pager is currently in (eg; sleep, vibrate, private time etc.)

The right side has "Messages" and "28" in the black sidebar.

Message Full Indication and Duplicate Messages

-If the Message Full Indicator appears and you have not deleted the old messages, the new received messages will overwrite the oldest read messages first.

Message Full Indicator

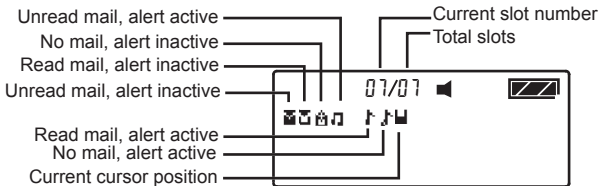- When your pager receives a duplicate of a message it will not show multiples of the same message but will show only one message and display the Duplicate Message icon in the message preview screen.

Duplicate Message icon

Info Folder (Information Service)

Your pager can receive information such as world news or financial report (the extent of the information received depends on your service provider) When an info message is received, your pager alerts you if you turn on the info alert via info folder function menu

- Press any button to enter the Main Menu Screen from the Standby screen
- Press ▬ to enter the Info Folder Screen from the Main Menu screen when the cursor is on the Info Folder icon.

Unread mail, alert active
No mail, alert inactive
Read mail, alert inactive
Unread mail, alert inactive

Current slot number
Total slots

07/07 ◀ ▱▱▱

Read mail, alert active
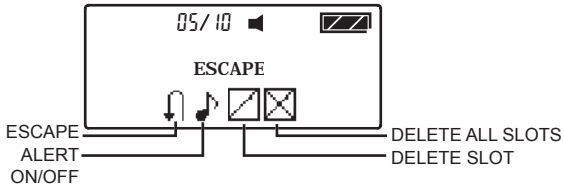No mail, alert active
Current cursor position

*Maximum of 5 Info messages from the same source stored in one slot.
*After a slot is full (5 messages) the next incoming info message will delete the oldest info message.

Info Folder Function Menu

Press ● to enter the Info Folder Function Screen from the Info Folder Screen


ESCAPE
ALERT ON/OFF
DELETE ALL SLOTS
DELETE SLOT

- Press ◄ / ► to move to the previous/next Info Folder Function prompt.
- Press ● to activate the selected function.

A confirmation message "?" comes with "DELETE SLOT" and "DELETE ALL SLOTS".

- Press ● again to confirm your settings, or ━ to cancel.

- You can enter Info Message Function menu by pressing ● when you are reading mail.

The operation is the same as the Info Folder Function menu except there is no "DELETE ALL SLOTS" and there is an additional function of "SAVE MESSAGE", which allows you to move individual Info messages to the Saved Folder.

Saved Folder

You can store up to 20 important Inbox or Info messages in your Saved Folder. When the Saved Folder is full, "MEMORY FULL" appears if you attempt to store Inbox or Info messages to the Folder.

Current cursor position

```
        03/05  ◀        ▨▨▨
▴▴▉▴▴
MESSAGE TEXT PREVIEW
```

Saved message
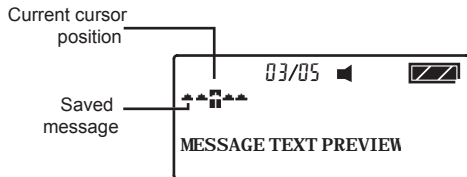
- Press the ▬ Button to enter the Saved Folder screen from the Status screen when the cursor is on the Saved Folder icon.

Saved Folder Function Menu

- Press ● to enter the Saved Folder Function Screen from the Saved Folder Screen

ESCAPE ——————————————————— ESCAPE

DELETE MESSAGE
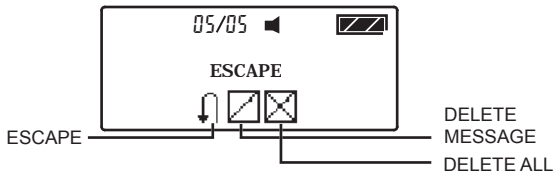
DELETE ALL

-You can enter Saved Message Function menu by pressing ● when you are reading the message. The operation is the same as the Saved Folder Function menu except that there is no "DELETE ALL".

The Br802 POCSAG is designed to allow the service provider to customize naming fields for personalization or interface

The following naming components can be changed

Naming components	Maximum character limit
Group name	11
Info name	14
Inbox folder name	10
Info folder name	10
Saved Folder name	10

Low Battery Alert
When the battery is low on power, the pager will emit an alert
every hour during the day (8 am to 8pm)

Out of Range
The Out of range indicates
non reception of signal by the
pager.When this happens a
▽ icon appears in the status
icon display

Power Up Message
The customised message will show only when this feature is enabled

by the service provider during
power up or at the stand
by screen.
If this feature is not enabled,
you will only see a blank

screen with a row of icons at the top of the standby screen.
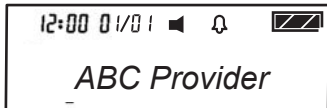
Autobacklight on Upon Reception of Message
This feature alerts user by sight.
Upon reception of message, the pager backlight will automatically
be switched on and remains on for the default duration.

Over The Air Programming
(OTA) Over-the-air programming is another service provider
function. This allows changing of pager settings without
requiring it to be physically connected to a PC.

Maintenance
Care of your pager

To maintain the fine quality of your pager's display screen please do not attempt the following:
1) Subject the pager to extreme temperatures or moisture
2) Immerse the pager in water
3) Use any cleaning solution

Always clean the pager with a non-abrasive cloth

Maintenance