

VP100 USER'S GUIDE

Introduction

The VP100 is a Two Tone Sequential Coding Tone and Voice Pager. This pager has been designed with high quality features and for ease of use.

Battery Installation

Install your battery as follows

1. Slide the battery door lock switch to "Unlock".
2. Open the battery door. (See Figure 2)
3. Observing the correct polarities, install the battery (AA) into the battery compartment.
4. Close the battery door, push down into place, then slide the battery door to close, slide the "Battery door lock switch" to "Lock".

Note

If a NiHm battery installed. You may need to recharge the battery first to ensure optimum battery capacity and performance. Please use the desk charger for VP100. (See Figure 1)



Figure 1

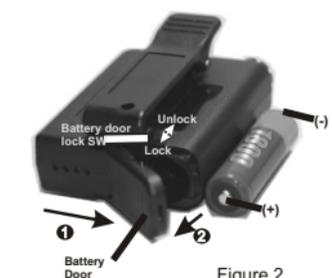


Figure 2

TURNING THE PAGER ON

1.ON mode:

Sliding the 3-position switch in an upward direction "two Notches" will place the pager in the ON mode. Refer to figure 3.

2.SILENT mode:

Sliding the 3-position switch in an upward direction "one Notche" will place the pager in the Silent mode. Refer to figure 3.

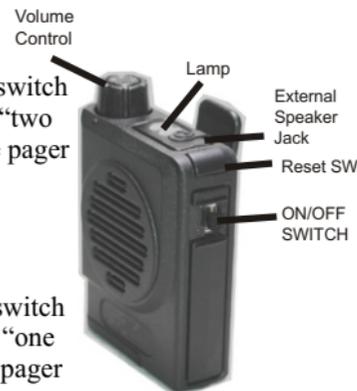


Figure 3

BATTERY CONDITION CHECK

Immediately after the pager is placed in the ON or Silent mode, the pager will automatically test the condition of the battery.

ON mode: A good battery is indicated by a power-up alert (double-interrupted 8-beep tone). A lamp on top of the pager will flash along with any alert tones as additional indicator.

A low battery is indicated by a fast pulsating beep and flashing lamp (1-second duration) immediately follow the power up alert.

SILENT mode: A good battery is indicated by a Double-interrupted flashing light (2 second duration). If equipped with the Vibration mode, a good battery is indicated by continuous vibration and a double-interrupted flashing light (2 second duration). A low battery is indicated by a fast pulsating beep and flashing lamp (1 second duration) immediately following the power up lamp or vibration.

VOLUME CHECK AND ADJUSTMENT

In the ON mode, adjust the volume control for a comfortable listening level during the 2 second power-up alert. To check volume at a time other than power up, press the reset switch. This will result in channel communication noise which verifies volume setting or allows adjustment to a more comfortable listening level if required Channel audio will not be heard when equipped with the Private Message Only Option. Instead a short beep tone will allow you to verify and adjust the volume setting.

PAGING OPERATION

When a page is received in the ON mode, the pager emits an alert tone followed by a voice message. When the voice message is complete, press and release the RESET switch. The pager is now in a standby condition ready to receive the next page. If the pager is not reset, all message and channel noise will continue to be heard.



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Your pager comes with the following standard features:

Automatic Listen / Manual Reset: A voice message will immediately follow the alert tone. After the voice message, the pager monitors the channel unless the RESET switch is pressed and released.

Battery Level Check and Monitor:

Each time the pager is turned on, or the RESET switch is pressed and released, the battery level is checked (refer to Battery Test in table 1). If the battery voltage drops below a minimum level (approximately 1.1 volts), an automatic low battery warning will be heard, which is a 1-second fast pulsating beep. If you hear this alert, you should replace the AA size alkaline battery. If you use the rechargeable battery, you should recharge the battery as soon as possible.

Unread Message Indicator

The red LED turns on if there are any unread messages.

Reminder Alert

The paging device generates a reminder alert tone approximately every two minutes when an unread message exists.

Stored Voice Model Features and Controls

The alert monitor with stored voice stores up to 2 minutes of voice message. Messages are stored according to their length. (See Option)

OPTIONS

External Speaker Jack: When a pager is used in a high noise environment, an optional speaker or earpiece can be connected to the external accessory jack located on the top control panel. The jack is fitted with a protective plug.

Note

To prevent entry of dust and moisture, the protective plug should be used whenever the external speaker jack is not being used.

Fix Alert / Audio-Only Volume Control:

When this option is installed, the alert tone volume is factory preset (non-adjustable) at the maximum volume level. Turning the volume control will only change the voice-message volume level. Note: if you are using the earphone, we are not recommending this option.

Push-To-Listen feature: With this option, the voice message following the alert tone will not be heard unless the operator immediately holds down the RESET button.

Private Message Only feature: Pagers with this option installed are capable of receiving only those messages intended for the individual user. The RESET button will not allow channel monitoring, and the pager will automatically reset to the standby mode after a message is received. If the RESET button is pushed before the end of a message, the radio returns to standby and the rest of the message is lost.

Group Call: With this option, the pager will emit either the standard alert tone (interrupted tone) or an additional group-call alert (continuous tone). The group-call alert indicates that the paging message is intended for all members of a particular group.

Stored Voice Model Features and Controls

The alert monitor with stored voice stores up to 2 minutes of voice message. Messages are stored according to their length. The alert monitor can be programmed for stored voice fixed message length of 30, 60, 120 seconds. A message can be deleted by either an incoming new message replacing older messages or by turning the receiver off.

● Auto Monitor key time Second

(Default 3 seconds, suggested 1-5 seconds)
This determines how much time you need to keep pressing the monitor/reset button, then it will automatically switch to Auto Monitor mode.

In the Auto Monitor mode, the pager will monitor the channel and anything being transmitted will be picked up by the pager. When the transmission ends, the pager will automatically turn off the audio.

1. AUTO MONITOR:

- * Power ON
- * Keep pressing Reset SW, the Monitor function begins.
- * Auto Monitor Mode: Press Reset SW for 3 seconds until Green LED flashes
- * Audio Lock on : Press Reset SW for 6 seconds until Green LED remains on.
(3 seconds or 6 seconds can be changed by re-programming)

2. SQUELCH FUNCTION: In Auto Monitor mode:

- * If VP100 detects signals, the speaker is ON
- * If VP100 doesn't detect signals, the speaker is OFF



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