

**MiniVox**  
Owner's Manual





## Battery Installation



## Operation

### Installing the batteries

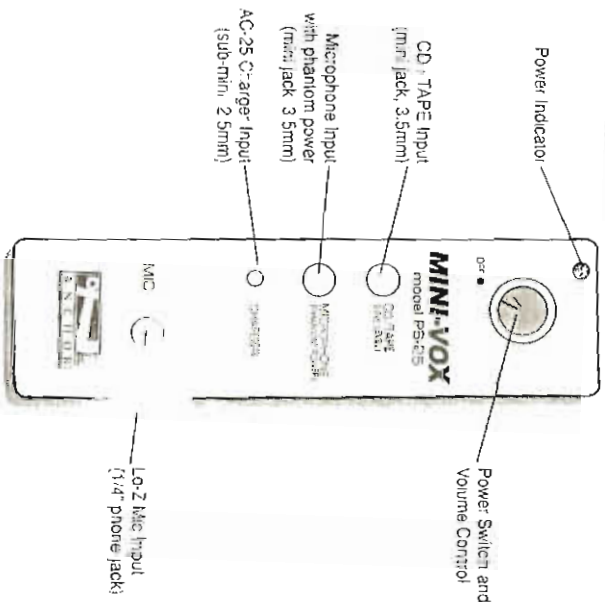
1. Turn the slotted fastener located on bottom of the MiniVox 1/4-turn counter clockwise (use a coin or flat screwdriver) and remove the battery cover.
2. Insert three size C batteries (alkaline-type work best) into each cardboard battery-holder as shown.



For extended service life and greater output, use alkaline batteries.

3. Position the three battery tubes into the battery compartment with negative (flat) end contacting the springs (as shown on compartment label).
4. Fit the tab of the battery cover into the slot at the back of the battery compartment, close cover, then lock fastener by turning 1/4-turn clockwise.

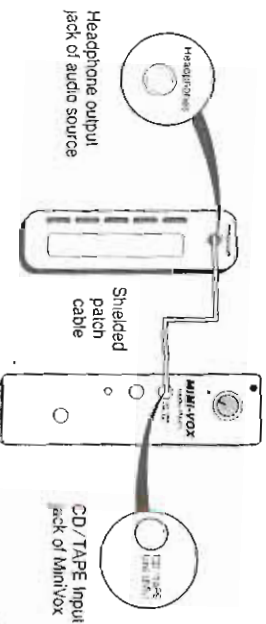
### MiniVox Control Panel



### CD/TAPE input

Use the CD/TAPE input to play pre-recorded material through the MiniVox. The volume control of the MiniVox controls both the audio source and microphone when used simultaneously.

- Connect a mini-to-mini patch cable (3.5mm plugs) to the 'Headphone' or 'Line' output of your audio source and the CD/TAPE jack of the MiniVox.
- Turn the MiniVox ON and set the volume control to about the 2 o'clock position. Then adjust the volume control of the audio source to desired level.



### Phantom Powered Microphone Input



Use the phantom powered mic input (3.5mm jack) with electret condenser microphones that require phantom power, such as Anchor's CM-1000 and HBM-35.

### Using the RC-25 rechargeable battery kit

For applications where the MiniVox is used frequently, the RC-25 rechargeable battery kit is available. The kit includes rechargeable batteries and an AC charging adapter. About 8-15 hours of operation can be expected per charge.

#### Using the RC-25 Recharge Kit\*

1. Install batteries as described on page 4.
  2. Insert small plug on charger into CHARGER input on the MiniVox and plug AC adapter into an outlet.
  3. *Note!* Charge batteries for 24 hours before using MiniVox for the first time. Typical charging time for full recovery is 12-18 hours.
- CAUTION:** NEVER recharge other types of batteries. Doing so can result in battery explosion. Use only rechargeable Nickel Cadmium (NiCad) batteries.
4. **Cycling the batteries:** To extend battery life, we recommend you fully charge the batteries once each month during periods of infrequent use. Always recharge batteries before storing.

**Optional Signal Alert: Model PB-25SA**

The Signal Alert button enables the MiniVox to produce a siren-like tone. The momentary pushbutton switch on the handle actuates the alert (the volume of the alert tone is not affected by the MiniVox volume control).



### Setting up the wireless system

Set the frequency of the receiver.

The wireless receiver is mounted inside the MiniVox, and is available with two different frequency pairs (this allows for operation of up to 4 units simultaneously). A label on top of the MiniVox indicates which 2 frequencies your system is equipped with, and the desired frequency is selected via the frequency switch.



label indicates frequency pair	F1 (MHz)	F2 (MHz)
PB-25W-1:	169.445	170.245
PB-25W-2:	171.105	171.845

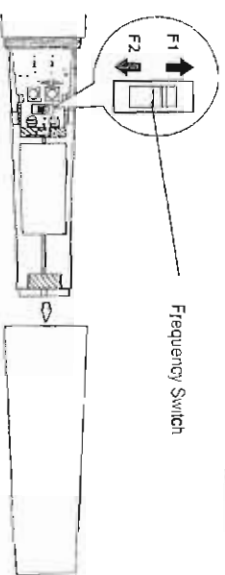
1. Set the frequency of the receiver to either of the two channels, F1 or F2.

*If you experience ongoing interference problems with your wireless system, the selected frequency may be incompatible with other RE systems in your area. Try the other channel.*

Set the frequency of the transmitter.

During use, make sure the transmitter you are using is set to the same frequency as the receiver as set above.

**HANDHELD:** Set the Frequency switch inside the battery compartment to match the channel of the receiver. Replace the cover—but don't overtighten!



**BODY-PACK:** The power/frequency switch on the transmitter determines the frequency. During use, set the switch to match the frequency of the receiver.



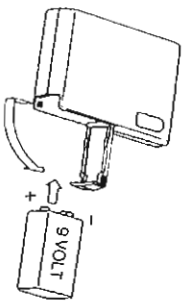
## Replacing the transmitter battery

*Note: The transmitter power switch must be in the OFF position!*

**HANDHELD:** Unscrew the battery compartment cover on the lower end of microphone. Install a fresh 'AA' alkaline battery and replace the cover.

**BODY-PACK:** Open battery cover on the side of the transmitter box and insert a fresh 9 Volt alkaline battery. Close the cover.

Observe proper polarity when installing the battery!



## Operating the wireless microphone system

1. Set the MiniVox down and direct toward audience. (Position the MiniVox in front of you while using the wireless microphone to avoid feedback.)
2. Turn the MiniVox power/volume control ON about halfway (red LED should begin flashing).
3. Turn the wireless microphone ON as follows:  
**Handheld:** Set the switch to the top ON position and begin speaking. The middle STANDBY position functions as a mute switch.  
**CollarMic, Headband or Lapel Mic:** Plug mic cable into transmitter. Set power/frequency switch to the frequency of the receiver (either F1 or F2) and begin speaking.

**NOTE:** When the mic/transmitter is turned ON and the transmitter frequency matches the receiver, the RF Signal Indicator on the MiniVox should light steadily (indicating signal is being received). If it does not light steadily, review the instructions above and the troubleshooting section on the back page.

4. Adjust volume control on MiniVox.

**Caution:** Harmful feedback may occur when walking in front of a sound system or speaker with a wireless microphone. Always point mic away from speakers.

## Having trouble with the sound system?

### *Condition*

### *Possible Solution*

No sound (LED not lit):

- turn POWER switch ON
- charge batteries

No sound (LED flashes):

- turn microphone switch ON
- make sure all cables are completely plugged in

No sound when using CD input:

- check for output from source
- make sure all cables are completely plugged in

Distorted sound:

- lower system volume control
- replace or recharge batteries

Shortened battery life:

- replace worn NiCad batteries
- 'Cycle' NiCad batteries (see page 6)
- reduce volume to eliminate distortion

## Having trouble with the wireless system? (model PB-25W only)

### *Condition*

### *Possible Solution*

No sound (LED solid):

- turn up volume level
- plug microphone into bodypack transmitter.

No sound (LED flashes):

- make sure transmitter power switch is ON
- set body pack transmitter switch to F1 or F2
- set receiver and transmitter to same channel

Frequent transmitter dropouts:

- replace mic/transmitter battery
- move mic/transmitter closer to MiniVox
- make sure collar or headband mic cable is fully plugged into transmitter.