



## Troubleshooting Guide

### Having trouble with the sound system?

#### *Condition*

No sound (LED not lit):

#### *Possible Solution*

- 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*

No sound (LED solid):

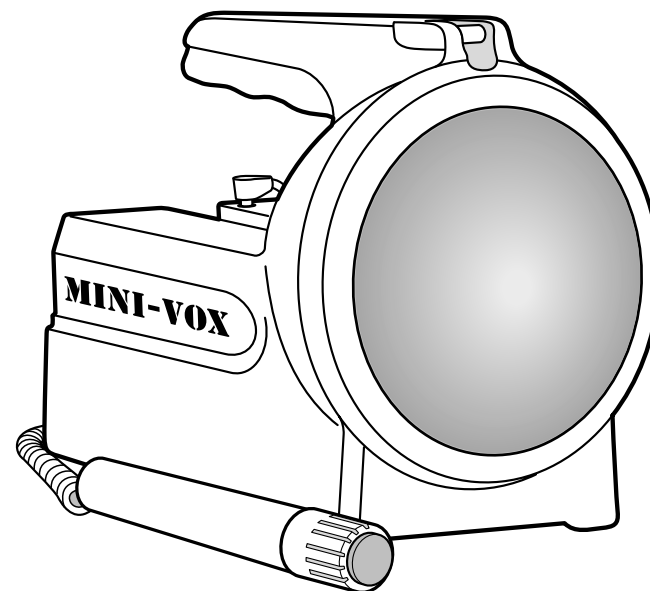
#### *Possible Solution*

- turn up volume level
- plug microphone into bodypack transmitter.
- make sure transmitter power switch is ON
- set body pack transmitter switch to F1 or F2
- set receiver and transmitter to same channel

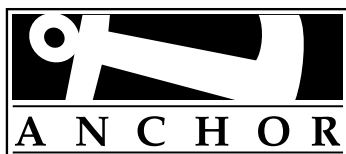
No sound (LED flashes):

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.



## MiniVox Owner's Manual



ANCHOR Audio, Inc. (310) 784-2300  
100-0074-000 / Revision A, 06/97



Thank you for choosing an Anchor Audio portable sound system. Our products incorporate state-of-the-art design and the finest quality of materials and workmanship. We're proud of our products and appreciate the confidence which you have shown by selecting an Anchor system.

I hope you'll take a few of minutes to review this manual. We've incorporated several unique features into our products, and your knowledge of how to use them will enhance the performance and your enjoyment of the system.

David Jacobs, President on behalf of all Anchor employees



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## Quick Use Guide

MiniVox is a battery-operated handheld P.A. system that's easy to set-up and operate. Before using the MiniVox, you'll need to install the batteries as described on page 4.

*If your unit is equipped with an RC-25 rechargeable battery kit, you must charge the batteries completely before use (see page 6).*

### Here's how easy it is to use:

1. Set the MiniVox in front of your audience.
2. Plug a microphone into the INPUT jack.
3. Turn the MiniVox power/volume control ON (*the red LED should begin flashing*). Then turn the microphone switch ON. Adjust the volume control until desired volume is reached.

*To operate the wireless mic system on model PB-25W see "Wireless Operation" on pages 7 and 8. For complete usage instructions, see the "Operation" section beginning on page 5 (see page 6 for instructions on using the signal alert option.)*

To avoid feedback, do not position the microphone in front of the speaker.

Problems? Consult the troubleshooting section on the back page of this manual.



## Specifications

### MiniVox

Rated power output:	15 watts
Max SPL @ rated power:	108 dB @ 1 meter
Frequency response:	100 Hz – 12 kHz
Speaker type:	5 inch cone
CD /TAPE Input:	line level, 3.5mm
Mic Input (phantom powered):	Lo-Z, phantom powered, 3.5mm jack
Mic Input:	Lo-Z, 1/4"-phone
Wireless Receiver:	FM Superheterodyne
Sensitivity:	2µV at S/N 40 dB
Frequencies:	pair #1: 169.445 and 170.245 mHz pair #2: 171.105 and 171.845 mHz
Battery type:	nine C-size, alkaline
Dimensions (HWD):	8 x 6.5 x 9.5", 20 x 17.5 x 24 cm
Weight:	5.2 lbs, 2.4 Kg

### RC-25 Recharge Kit (optional)

Battery type:	nine C-size, 1.5AH rechargeable NiCad
Charger:	AC-25
AC-25 input:	120 VAC, 60Hz, 10 watts max
AC-25/220 input (for export):	220 VAC, 50Hz, 10 watts max
AC-25 output:	DC taper charge
Shipping weight:	2.1 lbs, 1.0 Kg

Specifications subject to change without notice.



## Getting Started

### Inspection and inventory of your system

Check unit carefully for damage which may have occurred during transit. Each Anchor product is carefully inspected at the factory and packed in a special carton for safe transport.

#### Inventory

- MiniVox sound system
- MIC-25 handheld microphone (*not included with models PB-25L or PB-25W*)
- shoulder strap
- battery-holder tubes
- warranty and registration card
- wireless mic/transmitter (*model PB-25W only*)

***All damage claims must be made with the freight carrier.***

Notify the freight carrier immediately if you observe any damage to the shipping carton or product. Repack the unit in the carton and await inspection by the carrier's claim agent. Notify your dealer of the pending freight claim.

### Returning your unit for service or repairs

Should your unit require service, contact your dealer or our Customer Service Department at (310) 784-2300 to obtain a Return Authorization (RA) number. All shipments to Anchor must include an RA number and must be shipped prepaid. *C.O.D. shipments will be refused and returned at your cost.*

### Warranty registration

Please fill out the warranty card and return it with a copy of your invoice to Anchor's Customer Service Department. This will activate your limited two year warranty.

Save the shipping carton and packing materials. They were specially designed to ship your unit safely.



## Battery Installation

### 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.



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.

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



## Accessories

### RC-25 Rechargeable Battery Kit

Includes (9) rechargeable batteries and AC adapter/charger.

### CC-25 Carrying Bag

Vinyl carrying bag with storage pocket for microphone.

### CM-1000 Collar Microphone

Around-the-neck collar microphone. Plugs into the phantom-powered mic input or the WL-1000 wireless transmitter

### HBM-35 Headband Microphone

Plugs into the phantom-powered mic input or the WL-1000 wireless transmitter

### MIC-25 Handheld Microphone

Handheld microphone with 6' coil cord. Unidirectional pick-up pattern.

### MIC-90P Handheld Microphone

Anchor's dynamic, balanced, low impedance microphone with a unidirectional pick-up pattern. It has a on/off switch and comes with a 20' cable and mic clip.

### WH-1000 Wireless Handheld Microphone

Handheld microphone with built-in transmitter for use with Wireless MiniVox. Unidirectional pick-up pattern.

## Wireless Operation (model PB-25W only)

### 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.

Observe proper polarity when installing the battery!

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

### 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.

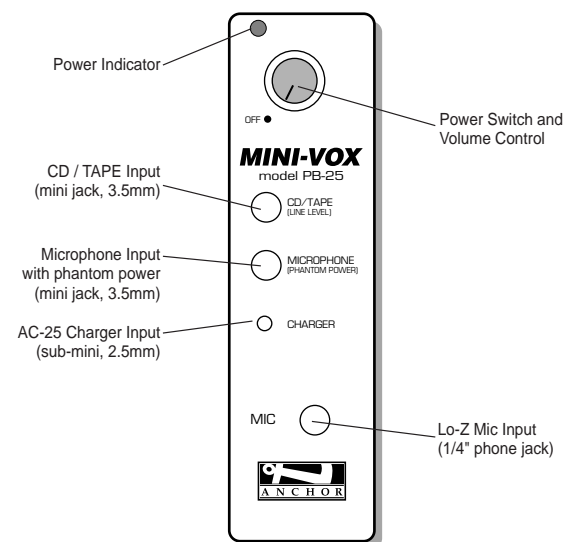
**NOTE:** When the mic/transmitter is turned ON and the transmitter frequency matches the receiver, the RF Signal Indicator on the MiniVox should light steadily (indicating signal is being received). If it does not light steadily, review the instructions above and the troubleshooting section on the back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

## Operation

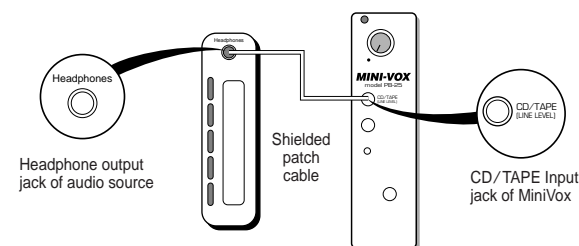
### MiniVox Control Panel



### CDTAPE 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.



## Operation

### 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.

Recharge batteries before storing. Do not charge batteries for more than 24 hours!



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

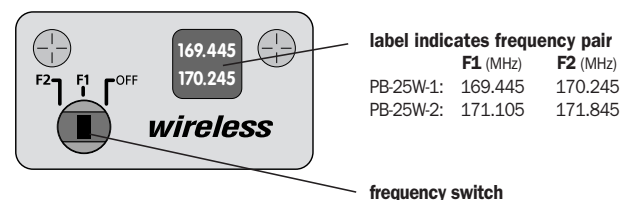
The Signal Alert button enables the MiniVox to produce a siren-like tone. The momentary pushbutton switch on the handle actuates the alert (the volume of the alert tone is not affected by the MiniVox volume control).

## Wireless Operation (model PB-25W only)

### 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.



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 RF 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!*

Frequency Switch

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