



**AUDIO PORTABLE BUDDY (APB)  
PORTABLE PUBLIC ADDRESS SYSTEM  
MODEL S222/SW222**

**MODEL S222 INCLUDES:**

- Carrying case with shoulder strap
- Built in Multimedia Stereo Amplifier and speaker
- Professional Hand Held microphone with 15' cord

**MODEL SW222 INCLUDES:**

- Carrying case with shoulder strap
- Built in Multimedia Stereo Amplifier and speaker
- Built in Wireless Microphone System with lapel microphone

**SET UP:**

**INSTALL POWER SUPPLY**

The Battery pack is standard. Optional Power Supplies may be substituted: Model S1460, International AC Adapter/Recharger (110/220V, 50/60Hz). Model S1462, 12 Volt DC adapter (automotive cigarette lighter plug-in). Model S1465, NiCad Battery Pack.

**TO INSTALL OR REPLACE BATTERIES**

Open carrying case cover. Lift out battery holder from case. Insert **10** new Alkaline "D" cell batteries, be sure to observe polarity, or replace with Model S1465 NiCad battery pack. Carefully replace battery pack.

**Do not mix battery types or attempt to recharge alkaline batteries - equipment damage, safety hazard or fire could result.**

**TO OPERATE:**

Plug hand held microphone into **DYNAMIC** microphone jack. Turn amplifier on (large rocker switch located on the amplifier panel). The red light will show that power is available. Rotate **MIC VOLUME** control knob to obtain desired loudness level throughout the coverage area.

SW222 – Turn amplifier on (large rocker switch located on amplifier panel) and turn internal wireless receiver on (top right of chassis). Attach lapel microphone to wireless transmitter and turn transmitter on (uses 9 volt battery). Insure transmitter and receiver are both on same frequency (A or B). Rotate **MIC VOLUME** control knob to obtain desired loudness level.

**ON-OFF**

When power switch is in the ON position, the red light will be on.

**DC IN**

Connection for optional power adapter:

- S1460 International AC Adapter/Recharger (110/220V, 50/60Hz)
- S1462 12 Volt DC (automotive cigarette lighter) Adapter

**LAMP**

Connection for 12 to 15V DC accessory

## **MONO-STEREO**

Combines the separate left and right **AUX LINE IN** channels. This combined signal will be amplified and appear on both the **LEFT** and **RIGHT** channels of the **SPEAKER** and **LINEOUT OUTPUTS**.

## **VOLUME**

Rotate clockwise to increase amplification.

## **MICROPHONE INPUTS**

There are three microphone inputs, which can be used simultaneously:

- DYNAMIC** - for standard dynamic cartridge microphones
- CONDENSER** - for electret or condenser microphones which require phantom power  
(Supplied from the amplifier)
- WIRELESS** - accepts line-level output from wireless microphone receiver if using an S222

## **AUXILIARY**

To add pre-recorded music or sound effects during your presentation, just plug your CD player, tape player or computer sound card into the **LINE IN** jack. Separate **VOLUME** and **TONE** control knobs let you balance the program source with the live microphones. If using an external wireless receiver, for best sound quality it should be connected to the **LINE IN** jack.

## **OUTPUT**

To tape record your speech or program, connect the **LINE OUT** on the amplifier to the input on a tape recorder.

## **SPEAKERS**

Two separately amplified speaker jacks (4-8 ohms) allows you to use internal speaker and extension speaker for additional sound power or true stereo output. Unit speaker is wired internally. Plug external speaker into right speaker jack for stereo. Note: when using a stereo **AUX** source with a single speaker, only one of the stereo channels will be heard, switch stereo/mono switch to mono for both channels to be heard. However, all **MIC** inputs are heard equally on both channels.

## **PROBLEM SOLVING**

**FEEDBACK** is the howl or screech often heard in sound reinforcement systems. It is caused by sound from the loudspeaker returning to the microphone. AmpliVox systems utilize proven acoustical principles to minimize this; however, there is no way to completely eliminate feedback under conditions of high amplification. If feedback occurs check the following:

1. User's hand covering the head of the microphone. [Hold microphone under head slots.]
2. Sounds can easily re-enter microphone. Keep loudspeaker turned toward audience. Note: sound can be reflected from a hard surface back through the microphone. [Turn speaker.]
3. User holding microphone in a reflecting position. [Turn microphone.]
4. Volume setting too high. [Reduce microphone channel volume; compensate by speaking louder or closer to the microphone.]

## **NO SOUND**

Make sure amplifier **POWER** switch is turned on and red LED is lit. If switch is on and LED is not lit, check to see that batteries are properly connected and at full charge. If using optional power adapter, check to see that front panel connector is properly seated, and verify that the power source is live.

**IF YOU HAVE ANY QUESTION OR PROBLEMS PLEASE CALL OUR CUSTOMER SERVICE DEPARTMENT AT 1-800-267-5486**