Thank you for choosing the SW245B Wireless PA from AmpliVox Portable Sound Systems.

We are excited in introducing this truly unique system. Our system combines flexibility with functionality. Please refer to this user guide as you enjoy the unique capabilities of another quality product from AmpliVox Portable Sound Systems.

We encourage you to visit our website www.ampli.com to register your product for its warranty coverage, sign up to receive our newsletter, download our catalog, and learn more about the complete line of AmpliVox audio visual products, including portable PA systems, and lecterns.

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IMPORTANT SAFETY INSTRUCTIONS

Before using this product, read the instruction manual for important safety information. Please retain this manual for future reference and warranty information.

Troubleshooting & Servicing
Do not attempt to service or repair the device yourself. Refer all servicing to qualified service personnel. Do not attempt to modify the device in anyway. Doing so could invalidate your warranty.

Cleaning
When cleaning the device, please use a soft, dry cloth. Never use benzene, paint-thinner, or other chemicals on the device.

Location
Place the device in stable location, so it will not fall causing damage to the device or bodily harm.

Intended use
The product may only be used with the original parts intended for it. The intended use includes adherence to the specified installation instructions. The manufacturer accepts no liability for damage arising due to improper use.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

IMPORTANT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The unit’s circuitry may cause interference to nearby radios. To prevent interference, either switch the unit off or move away from the affected radio.

NOTE: This equipment complies within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

NOTE: Shielded cables may be required to be used with this unit to ensure compliance with the Class B FCC limits.
**PACKAGE CONTENTS**

**SW245B Amplified Speaker**
- Wireless Handheld Microphone
- Wireless Transmitter
- Lapel Microphone
- Headset Microphone
- Power Cord
- Protective Cover/Carry Case
- 9 V Battery
- SLA Rechargeable Battery

**SPECIFICATIONS**

- Rated Power Output: 50 W Dynamic
- AC Power: 110 V
- Wireless Range: 61 to 128 ft.
- VHF Wireless Frequency: 165 - 265 MHz
- Speaker: 6 1/2"
- Frequency Response: 100Hz to 15KHz
- Sensitivity: 60dB
- Weight: 7.5 lbs.
- Dimensions: 11.25 in. H x 9 in. W x 6.5 in. D

**BATTERY COMPARTMENTS**

- **Charging the SLA Battery** - It is recommended that you charge the battery for 12 hours before using the first time. Place the Power Switch in the Off/Charge position. Plug Power Cord into AC Outlet. 12V Charge LED (19) will light. When battery has reached full charge LED will turn off.

- **Run Time**: A fully charged battery will give you about 4 hours when used as PA. When used for playing music you will get a shorter period of usage time.

- **CAUTION**: It is recommended that you fully recharge the battery every 90 days. Not charging battery every 90 days may cause damage to battery.

- **If you plan to not use your PA for more then 90 days** it is recommended that you disconnect battery and store in a cool dry place. Make sure that battery is fully charged before storing.

- **9V Rechargeable Battery Compartment** - The handheld microphone and bodypack use a 9V battery. If you are using a 9V rechargeable battery (not supplied) you can use this compartment to recharge the battery. Battery will only charge when PA is plugged into AC Outlet. 8.4V LED (3) will light. **DO NOT ATTEMPT TO CHARGE ALKALINE BATTERIES, MAY CAUSE INJURY AND DAMAGE.**
**TOP PANEL**

1. **Wireless Microphone Volume Control** - Adjust output loudness of wireless microphone.
2. **Power Indicator** - LED lights when power is turned on.
3. **Microphone Battery Charge Indicator** - LED will change from bright to dim when charging.
4. **Wired Microphone Volume Control** - Adjust output loudness of wired microphone.
5. **Wired Microphone Jack** - Connect a wired microphone with a 1/4” plug.
6. **DC 12V Input Jack** - Can be used with an car accessory power cord adapter for charging.
7. **Media Player** - Use to adjust volume when using Media Player (SD / USB / FM).
8. **Tone (Treble / Bass) Control** - Increases or decreases the lower frequencies and higher frequencies of your audio.
9. **Aux In Volume Control** - Plug-in external device like a SMART PHONE and control the audio level with the “AUX IN” Control.
10. **Echo Control** - Adds audio effect (reverberation) to the microphone output.
11. **Wireless Antenna** - For best performance extend to full length.

**SIDE PANELS**

**RIGHT SIDE**

12. **Power Switch** - Before switching the unit on, adjust all controls to minimum, then turn unit on. **Power Indicator** will light. Adjust levels accordingly.

**LEFT SIDE**

13. **Charging Battery** - Plug power cord into unit and then into AC outlet. Switch into the “OFF” position to begin charging. DC 12V indicator will light. LED will turn off when charging complete.
14. **SD Slot** - Insert SD card.
15. **USB Slot** - Insert thumb drive.
16. **AUX In** - 3.5 mm jack. Can be used to connect a portable radio, CD player, MP3 or any other audio source.
17. **AUX Out** - 3.5 mm jack. Can connect with a recorder, or plug into a house system.
18. **Speaker Output** - 1/4” jack. Connect an external speaker using an audio cable.

**Tips**

- SD/USB file format: FAT, FAT16, FAT32
- SD/USB Memory Size: Accepts 64 MB - 4 GB
MP3 PLAYER

LED STATUS

19 Charge Indicator - lights when main SLA battery is being charged.
20 Mode - lights when SD/USB is being used.
21 A - B - lights when programing repeat function.
22 REC - lights when recording to a SD/USB device.
23 Play/Pause - lights when SD/USB device is playing or flashing when paused.

BUTTON FUNCTIONS (also see page 6)

24 Remote Control Eye - do not block.
25 Bluetooth - press and hold button until BT LED flashes (see PG 6).
26 FM/USB/SD ON/OFF - turn MP3 player ON/OFF.
27 Play/Pause/Record - use for SD/USB function. (see PG 6).
28 10+/Folder - move ahead 10 selections (SD/USB).
29 / FM UP - advance forward to next song / advance up to next FM frequency.
30 / FM Down - move back to last song / advance down to next FM frequency.
31 10-/Folder - move back 10 selections (SD/USB).
32 Mode / FM Recall - use to select Repeat last song/folder/or all songs on SD/USB device. Press to move to next FM station in memory.
33 A-B / FM Scan Memory - use to set length of repeat on SD/USB device. Press to auto scan local FM stations and place in memory.
34 Display Window

WIRELESS MICROPHONES

BATTERIES

- Handheld Wireless Microphone - Screw off the lower bottom section of microphone, notice the “+” and “-” signs on base. Insert a 9V battery. Screw battery cover back on. LED will turn RED when battery is low.
- Wireless Bodypack - Slide open the case and insert a 9V battery.
- 9 V Rechargeable batteries can be recharged inside of the SW245B (see Battery Compartments PG 3).
- Battery life is about 8 hours.
- **CAUTION! Batteries supplied are not rechargeable.**

MICROPHONE OPERATION

Turn on SW245B. Set Wireless Microphone Volume Control (1) at half way.

- Handheld Wireless Microphone - Slide switch to the “ON” position. Green LED will light on front of speaker to show that signal is being transmitted and received. Talk into microphone and adjust volume. Middle position is MUTE. Slide switch to “OFF” to save battery power.
- Wireless Bodypack - Connect either the Lapel or Headset Microphone into the input jack on the Wireless Bodypack. Set Gain Control at half way. Slide the Power Switch to “ON”. Red LED will light on bodypack and Green LED will light on front of speaker to show that signal is being transmitted and received. Speak into microphone and adjust the Gain control to desired loudness.

**NOTE: The center position of the Power Switch is to be used when you want to temporarily quiet microphone.**

**NOTE: The orange sticker with a number** that is attached to the; SW245B, Wireless Handheld Microphone and the Wireless Transmitter Bodypack refers to the wireless frequency. All three stickers must have the same number for the wireless to operate correctly.
TIPS
• Take care in selecting volume level, and speaker placement so that acoustic feedback (howling and screeching) will be avoided. PA should be placed in front of person using microphone.
• Also, microphones that are farther from the sound source, such as lapel, require more acoustic gain and thus are also more prone to feedback than close-source microphones such as handheld or headset microphones that are used close to the mouth.
• If hands-free use is necessary, we suggest using the headset. Audio level is hard to control with lapel microphone due to head movements.
• If feedback occurs, turn down the TONE CONTROL. If feedback still exists, turn MASTER VOLUME down.
• If volume is getting lower, receiving distance is shortened or sound is not normal, change/charge the batteries.
• The WIRELESS MICROPHONE and WIRED MICROPHONE can be used together.
• When not using the system, remember to turn off the power on the microphone and switch off the amplifier to avoid draining batteries.

OPERATING INSTRUCTIONS
• BLUETOOTH OPERATION - Press and hold the BT ON / OFF Button for 6-7 seconds. When you hear PAIRING and the BT LED lights and starts to flash you can begin the pairing with your Bluetooth device. Select BLUETOOTH 3.0 on your Bluetooth selection menu. You will hear an audible tone when pairing is complete. You are now ready to stream your music. Use the MP3 / FM /BT /VOL Control (9) to adjust the volume. To power off the Bluetooth Receiver Press and Hold the BT ON / OFF Button for 3-5 seconds until you hear POWER OFF
• Playback of Music on SD/USB Device - Turn on SW245B. Turn on MP3 player. FM / USB / SD ON/OFF BUTTON (25) - Press this button to turn on Media Player. If no USB or SD card is inserted, the FM radio is automatically selected.
• USB / SD / PLAYBACK - Insert USB Thumb Drive (15) or SD Card (14) into slot. The first selection will begin to play. To PAUSE press the PLAY / PAUSE / RECORD (27) button to stop. Press button again to start. To advance to the next selection press the FM UP (29) button or back one selection press FM DOWN (30) button. Press and hold for 2 seconds to fast forward or fast backward.
• USB / SD / RECORD - You can record using the wireless / wired microphone or from FM radio. Insert USB Thumb Drive (15) or SD Card (14) into slot. Use the FM UP (29) button or FM DOWN (30) button to select track to record to. To start recording press and hold the PLAY / PAUSE / RECORD (27) button for more then 2 seconds. Press same button again to stop the recording. Your recording is now saved. To review recording press the FM DOWN (30) button and recording will begin to play.
• FM - To find radio stations press and hold the A-B FM SCAN / MEMO (33) button for more then 2 seconds and player will auto scan and memorize up to 30 stations. To review stations in memory press MODE / FM RECALL (32) button. Each time you press this button it will advance to the next station. To manually memorize a radio station press the FM UP (29) or FM DOWN (30) button to select the frequency of the radio station. To memorize this station press the A-B FM SCAN / MEMO (33) within 5 seconds.
PROBLEM & ITEMS TO CHECK

UNIT WILL NOT TURN ON
- Is unit plugged in?
- Is the battery charged?

SOUND IS DISTORTED
- Turn down main volume
- Turn down input source since the output of some devices may be too high

SOUND IS MUFFLED
- Adjust the tone control

FEEDBACK: A LOUD SQUEALING, SHRILL OR HOWLING SOUND THAT IS SELF GENERATED
- Feedback occurs when a microphone is too close to the speaker or the microphone volume is too high, or the microphone is pointed towards the speaker. It is also caused by sound reflecting off hard surfaces.
- Reduce or eliminate Feedback by
  - Pointing the microphone in a different direction
  - Keeping the microphone BEHIND the speakers
  - Turn down the volume levels

POWER IS ON, BUT NO SOUND
- Check volume levels
- If using wireless, be sure receiver(s) and/or transmitter battery is installed and/or is on

MP3 PLAYER NOT WORKING
- Player has separate “ON” button, check to see if it is “ON”

MICROPHONE SIGNAL IS WEAK
- If microphone has batteries, check batteries
- Check cables/connectors

WIRELESS MIC DOES NOT WORK
- Check transmitter to ensure transmitter is on.
- Does green “signal” LED light on front of speaker when transmitter is turned on?

WIRELESS MIC CUTS IN AND OUT
- Is unit visible (line of sight) from user? If not, move unit into view when using wireless microphone.
- Does the yellow “signal” LED go out when signal drops out? Check battery in transmitter.

NEED HELP? Call 800-267-5486
DISCLAIMER

AmpliVox Portable Sound Systems, operates a policy of continuous development. AmpliVox reserves the right to make changes and improvements to any of the products described in this document without prior notice.

Under no circumstances shall AmpliVox be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

In some countries there may be some restrictions in using this equipment. Please check with your local radio frequency authorities.

WARRANTY

Limited One (1) - Year Warranty

AmpliVox warrants this product to be free from defects in materials and workmanship (subject to the terms set forth below) for a period of one (1) year from the date of purchase ("Warranty Period"). All accessories and the battery are warrantee for 1 year. Accessories are; wireless and wired microphones, receivers and transmitters, CD players, cassette players, and digital players.

During the Warranty Period, AmpliVox will repair or replace (at AmpliVox’s discretion) this product or any defective parts ("Warranty Service").

Repair or replacement under the terms of this warranty does not give right to any extension or a new beginning of the period of warranty.

CLAIMS UNDER THE WARRANTY

To obtain Warranty Service, contact AmpliVox (800-267-5486) to be assigned a Return Authorization number (RA#). After receiving a RA#, the defective unit is to be returned to AmpliVox in either its original packaging or packaging affording an equal degree of protection. You will bear the cost of shipping the product to AmpliVox. If the product is covered by the warranty, AmpliVox will bear the cost of shipping product back to you after the completion of service under this warranty.

Return shipping will be charged to you for products not covered by the warranty or requiring no warranty repair.

The following information must be presented to obtain Warranty Service: (a) the RA# must be clearly and legibly marked on the outside of shipping carton, (b) proof of purchase, which clearly indicates the name and address of the seller, the date of purchase and the product type, which is evidence that this product is within the Warranty Period. Please further include (c) your return address, (d) daytime telephone number, and (e) reason for return.

LIMITATION OF WARRANTY

This warranty is only valid for the original purchaser and will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party. The warranty provided by AmpliVox in this statement applies only to products purchased for use, and not for resale. It does not apply to open box purchases, which are sold "as is" and without any warranty. Specifically exempt from warranty are limited-life consumable components subject to normal wear and tear, such as microphone windscreens, ear cushions, modular plugs, ear tips, decorative finishes, batteries, and other accessories. This warranty is invalid if the factory-applied serial number, date code label, or product label has been altered or removed from this product. This Warranty does not cover cosmetic damage or damage due to misuse, abuse, negligence, Acts of Nature, accident, disassembling or modification of, or to any part of, the product. This Warranty does not cover cosmetic damage due to improper operation, maintenance or installation, or attempted repair by anyone other than AmpliVox. Any unauthorized repairs will void this warranty.

REPAIRS OR REPLACEMENTS AS PROVIDED UNDER THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE CONSUMER. AMPLIVOX SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PRACTICAL PURPOSE.

NOTE! This warranty gives you specific legal rights. You may have other rights which vary from location to location. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or implied warranties, so the above exclusions may not apply to you. This warranty does not affect your legal (statutory) rights under your applicable national or local laws.