

AMPLI VOX[®]

PORTABLE SOUND SYSTEMS

User Guide

Power Pod - SW245

Wireless PA with USB / SD Media Player and SWB245 with Bluetooth Receiver



Thank you for choosing the **SW245 / SWB245 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

SW245 Amplified Speaker

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

SWB245 also includes:

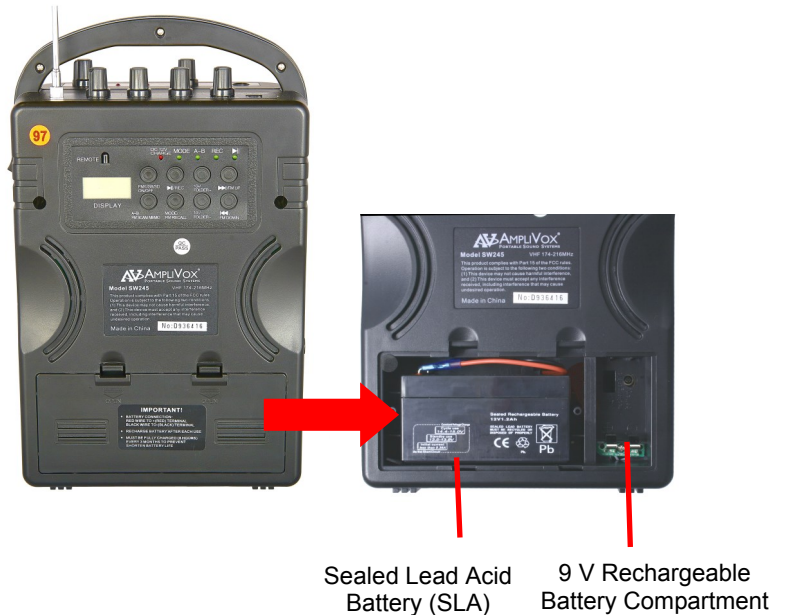
- Bluetooth Receiver
- USB Wall Charger

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

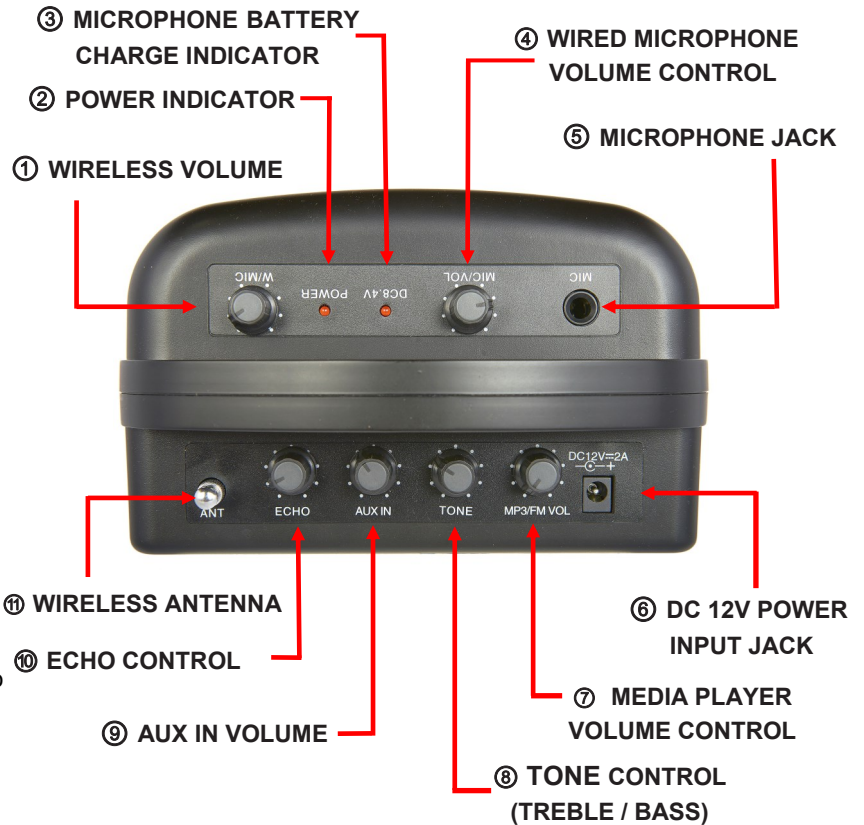
BATTERY COMPARTMENTS

- **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 than 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** ② will light. Adjust levels accordingly.

⑫ Power Switch
ON / OFF / Charge



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 ⑬ 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.

⑭ SD Slot
⑮ USB Slot
⑯ AUX In
⑰ AUX Out
⑱ Speaker Out
⑬ Power Cord Input



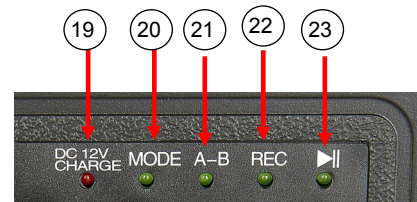
Tips

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

MP3 PLAYER

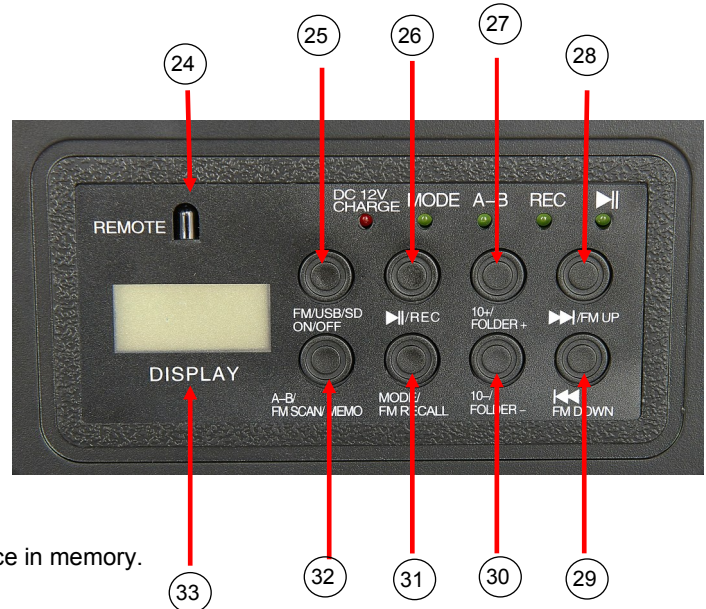
LED STATUS

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



BUTTON FUNCTIONS

- ②4 **Remote Control Eye** - do not block.
- ②5 **FM/USB/SD ON/OFF** - turn MP3 player ON/OFF.
- ②6 **Play/Pause/Record** - use for SD/USB function.
- ②7 **10+/Folder** - move ahead 10 selections (SD/USB).
- ②8 **Play/Pause / FM UP** - advance forward to next song / advance up to next FM frequency .
- ②9 **Play/Pause / FM Down** - move back to last song / advance down to next FM frequency .
- ③0 **10-/Folder** - move back 10 selections (SD/USB).
- ③1 **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.
- ③2 **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.
- ③3 **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 **SW245** (see Battery Compartments).
- Battery life is about 8 hours.
- **CAUTION! Batteries supplied are not rechargeable.**

MICROPHONE OPERATION

Turn on **SW245**. 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; **SW245**, 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.



WIRELESS MICROPHONE — continued

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.

OPERATING INSTRUCTIONS

- **Playback of Music on SD/USB Device** - Turn on SW245. 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 (26)** button to stop. Press button again to start. To advance to the next selection press the **▶▶** **FM UP (28)** button or back one selection press **◀◀** **FM DOWN (29)** 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 (28)** button or **◀◀** **FM DOWN (29)** button to select track to record to. To start recording press and hold the **▶||** **PLAY / PAUSE / RECORD (26)** button for more than 2 seconds. Press same button again to stop the recording. Your recording is now saved. To review recording press the **◀◀** **FM DOWN (29)** button and recording will begin to play.
- **FM** - To find radio stations press and hold the **A-B FM SCAN / MEMO (32)** button for more than 2 seconds and player will auto scan and memorize up to 30 stations. To review stations in memory press **MODE / FM RECALL (31)** button. Each time you press this button it will advance to the next station. To manually memorize a radio station press the **FM UP (28)** or **FM DOWN (29)** button to select the frequency of the radio station. To memorize this station press the **A-B FM SCAN / MEMO (32)** within 5 seconds.

TIPS

- 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.

SWB245 with BLUETOOTH RECEIVER

- Unpack Bluetooth Receiver.
- The battery inside the receiver is not fully charged and we highly recommend that you charge the battery before using.
- Take the USB end of the cable and plug into the supplied wall charger. Plug the wall charger into a power outlet. Plug the other end of the cable into the receiver. You will notice a red led will be on while charging. When charging is complete (about 1-3 hours) the red led will turn off.
- Take the Bluetooth Receiver and plug into the AUX IN Jack (16) on the PA speaker.
- Locate the Power "ON" button on the side of the Bluetooth Receiver.
- Press and hold Power Button for 6-7 seconds. When the Blue LED lights and starts to flash between Blue and Red you can begin the pairing with your Bluetooth device. Select **AISO1F** on your Bluetooth selection menu. You are now ready to stream your music. Use the AUX IN Control (9) to adjust the volume.
- To power off the Bluetooth Receiver Press and Hold the Power Button for 3-5 seconds until the LED turns RED. Because this is an external device you will need to turn it off when you are finished. Bluetooth receiver will not be turned off when you turn off the PA.
- This Bluetooth Receiver can be used with other speaker systems that have a 3.5mm AUX IN jack.



Bluetooth Receiver



Wall Charger

TROUBLESHOOTING GUIDE

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 legibility 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 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 WHAT SOEVER, 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.



Dispose of the product according to local standards and regulations

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