



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.

Getting Started/Quick Setup

1. Power unit on with rocker switch.
2. The **WIRELESS RECEIVER** has its own **POWER / VOLUME** Control. Turn Receiver Power **On**. A Frequency Channel will appear in the Channel Display. Press **UP/DOWN** Buttons to select a channel. Channel number must match channel number on wireless transmitter.
3. **Wireless Microphone/Bodypack Transmitter.** set the transmitter channel selector switch to the same number that is displayed on the receiver. Select channels 1-16. Install 2 - **AA**+batteries into battery compartment of wireless microphone transmitter or install 1 - **AA**+battery into battery compartment of wireless bodypack transmitter.
4. **MAIN BATTERY STATUS** indicator - Red = no battery power, If four LEDs are glowing, means fully charged. Charge batteries overnight for best results.

**If you need further assistance, please call
1-800-267-5486, 8am-6pm M-F CST .**

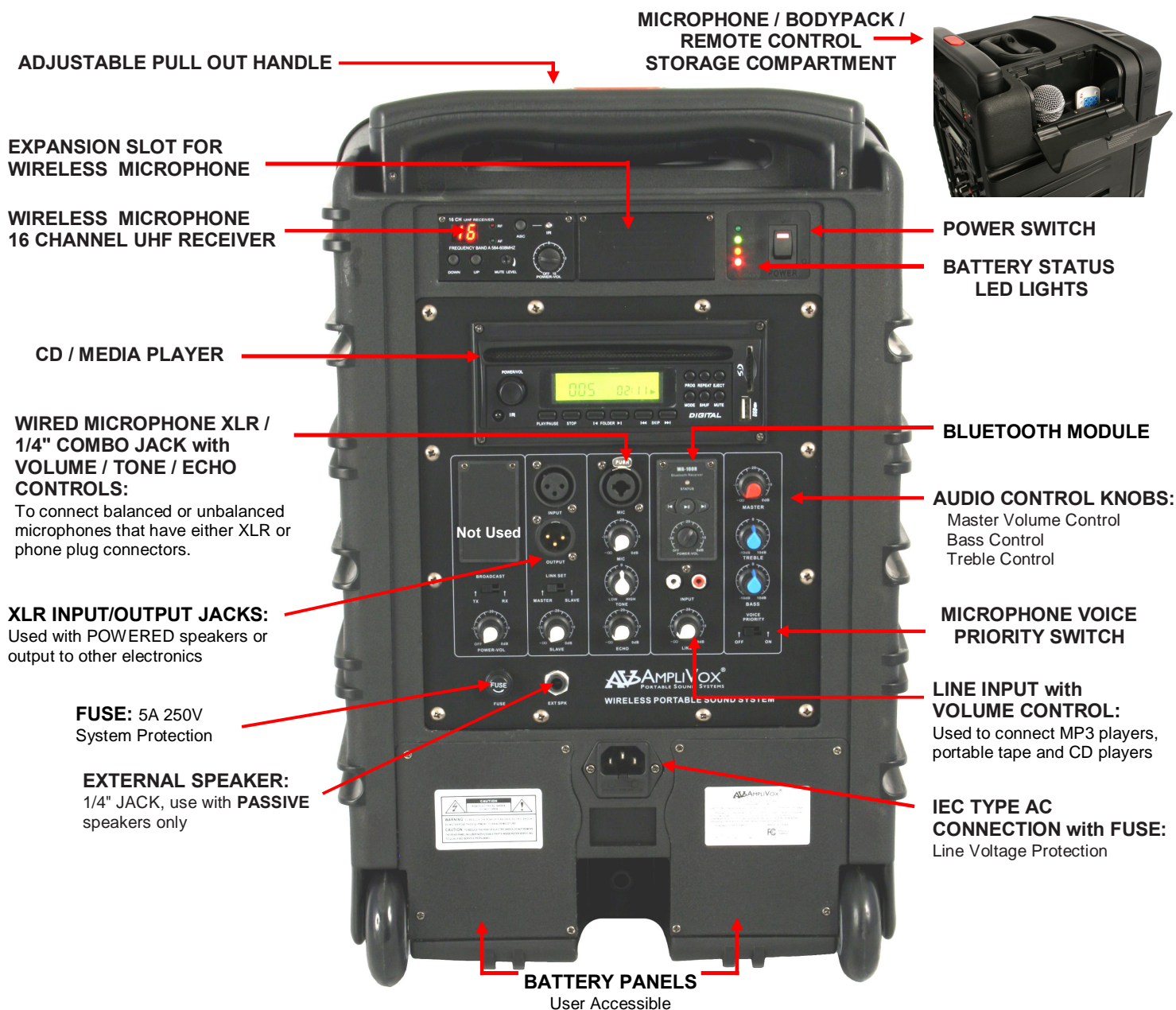


**PLEASE NOTE: THE REMOTE DOES NOT
TURN THE UNIT ON OR OFF. YOU MUST
DO THAT ON THE CONTROL PANEL**

SW800 SPECIFICATIONS

Rated Power Output:	100 Watts RMS	Battery:	(2) 12 volt rechargeable SLA, 5 AH, User accessible and replaceable
Speaker:	8" Bass 4" Tweeter	AC Power:	90V - 260V switched power supply
Frequency Response:	40Hz to 20Khz	Weight:	33 lbs.
Sensitivity:	96dB	Dimensions (HWD):	18.5" H x 13.5" W x 12" D
Tone Controls:	Separate Bass and Treble	Extension Handle:	21", Locking
Wireless Range:	Up to 300 Feet	Speaker Mount:	1 3/8" pole mount receptacle
Wireless Frequency:	UHF 584 - 608 MHz	Warranty:	1 year Limited Warranty; Remote Control, Wireless Microphones, Wireless Receiver, Bluetooth Module, CD / Media Player, Rechargeable SLA Batteries.
Bluetooth:	A2DP Version 3.0		
Microphone Input:	XLR /1/4" combo connector		
Wired Microphone:	AmpliVox or other compatible brands		

CONTROL / BACK PANEL



OPERATION

POWER SWITCH: When power switch is in the **ON** position, the red LED on switch will be illuminated. The **BATTERY STATUS LIGHTS** (4 LEDs) will indicate the condition of the battery. Each LED represents about 25% of battery charge. If no LEDs are lit, battery must be recharged before use.

To charge the batteries, connect the unit to 110V AC using the supplied power cord. The LEDs will flash indicating battery is charging. When they stop flashing, batteries are fully charged. While charging you may hear a high pitch sound. This is normal. It is noise from the charging circuit.

The batteries will charge when unit is operating with AC power, **HOWEVER the unit will charge faster with the power switch in the "off" position.**

THE SW800 SHOULD BE PLUGGED IN AND CHARGING WHEN NOT IN USE TO MAXIMIZE BATTERY LIFE. RECHARGING THE UNIT ONLY WHEN THE BATTERY STATUS LIGHT IS RED WILL SHORTEN THE USEFUL LIFE OF THE BATTERIES.

FUSES: When the AC cord is plugged in, and the battery charging does not start, please check fuse. There is a fuse in the AC jack. It is identified on the plastic with a drawing of a fuse.

Detach the AC cord from the unit before replacement.

This fuse protects the AC circuitry. Use a flat blade screwdriver in the slot on the top of fuse holder to slide the fuse holder out. Replace the fuse with a 10A/250V fuse if needed. If battery charger works but PA system does not, check System Protection Fuse. Unscrew cap to check.

If after replacing fuse, the SW800 does not power on, please call AmpliVox Customer Service at 800-267-5486.

**WARNING! RISK OF SHOCK! DO NOT OPEN UNIT.
NO USER SERVICEABLE PARTS INSIDE!**

AUDIO FUNCTIONS

3 MASTER AUDIO CONTROLS:

VOLUME: This is the master volume control for the system.

BASS: This control cuts or boosts the bass level.

TREBLE: This control cuts or boosts the treble level.

MICROPHONE / VOICE PRIORITY SWITCH: When turned "ON" this feature allows a voice message to take precedence over the musical program, without turning the music off completely. Full volume is returned when speaking is complete.

LINE IN INPUTS: Add pre-recorded music to your presentations from an external source such as a computer or MP3 player can be used by connecting to the L/R RCA jacks. A separate **LINE IN VOLUME CONTROL** is also provided for controlling sound level of the external source.

WIRED MICROPHONE INPUT: One combination XLR / ¼ jack (this jack will accept either type microphone).

WIRED MICROPHONE VOLUME CONTROL: Use to adjust sound level of the plugged-in microphone.

TONE CONTROL: Use to adjust sound of plugged-in microphone.

ECHO CONTROL: This is a sound effect feature that makes the audio signal sound as though it's in a large area, such as a large cathedral or a cave, by repeating the sounds that come into the SW800 through the microphones or any of the accessories. The listener will hear the original sound, plus the repeated sounds created by this feature.

INPUT/OUTPUT XLR JACKS: Connect only powered speaker using XLR type cable. XLR Output can also be used to connect to other electronic devices.

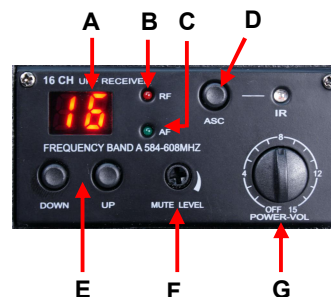
LINE SET: When using the SW800 as an extension speaker you need to select one speaker as the "MASTER" and other speaker/s as "SLAVE". Slide switch to the designated position. The speaker chosen as the "MASTER" becomes the main control for all inputs.

SLAVE INPUT CONTROL: Use to adjust input level when used as a SLAVE speaker.

16 CHANNEL UHF WIRELESS

WIRELESS RECEIVER PANEL

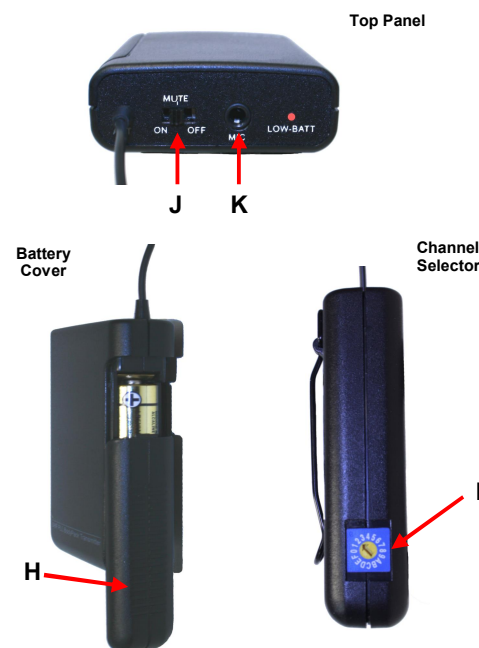
- Channel Display (A)
- RF - Radio Frequency Indicator (B)
- AF - Audio Frequency Indicator (C)
- ASC / IR Auto Channel Select (Handheld Only) (D)
- Select Buttons - Manual Channel Selection (E)
- Mute Level Adjustment (F)
- Volume Control (G)



RECEIVER / TRANSMITTER SETUP:

- The receiver has its own **POWER / VOLUME** Control (G). Turn Power On. A Frequency Channel will appear in the Channel Display (A). Press Select Buttons (E) to select a channel. Channel number must match channel number on wireless transmitter.
- **MUTE LEVEL** (F) is set at half way mark when it leaves the factory. If speaker sound is breaking up, turn level clockwise with small screwdriver until condition improves.
- The transmitter bodypack (IF USED) is operated by 1 - "AA" 1.5 Volt alkaline battery. Slide off battery cover (H) and install battery as shown. Make certain the battery is fully seated in its compartment so the cover slides in place easily. Battery life with alkaline batteries is approximately 8 hours of operating time.
- Select a channel (1-16) on side panel (I) using the supplied screw driver to select channel number. Channel selected should match channel on receiver. When transmitter and receiver are set to correct channel the RF indicator (B) will glow red when transmitter is turned on.
- Plug the Lapel microphone into the Mic Input Jack (K). The microphone can be clipped to a necktie or other clothing, using the supplied clip. The lapel mic should be placed under the chin, as close to the center of the body as possible.
- Slide the power **ON/OFF** switch (J) to the **ON** position (the LED indicator light will illuminate green). Replace batteries when this LED turns red.

Wireless Transmitter - Bodypack



WIRELESS HANDHELD MICROPHONE TRANSMITTER

If you are using the AmpliVox S1695 Wireless Handheld Microphone Transmitter, screw off the lower bottom section of microphone and insert 2 - "AA" 1.5 Volt alkaline batteries.

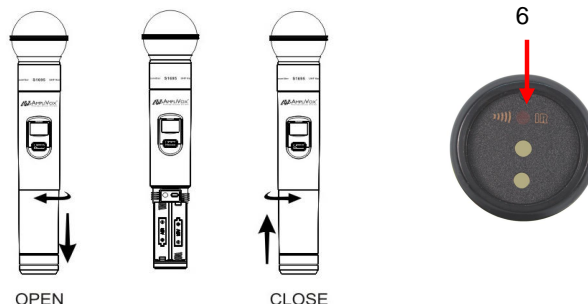
- **IMPORTANT:** Because the microphone has an **AUTO SYNC** function, you first select channel you wish to use on the receiver. Then press the ASC button (D), the IR light will start to flash. Turn on microphone and point end (6) of microphone at the flashing IR light on receiver and the microphone will auto sync to the same channel as selected on the receiver.
- **IMPORTANT: INSERT BASE OF MICROPHONE FIRST WHEN PLACING INTO THE STORAGE COMPARTMENT.**

BATTERIES

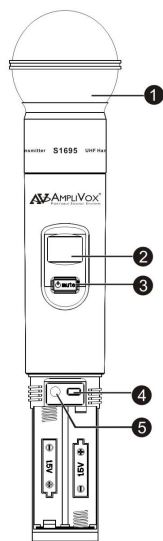
1. Hold the body of microphone in hand and twist off bottom section of microphone.
2. Insert two AA-batteries.
3. Twist bottom section back on to microphone.

BATTERY STATUS

The life expectancy of the two batteries is about 10 hours. When the "BATTERY" symbol on the display screen keeps flashing the batteries should be replaced immediately.



Microphone Operation and Status Display



Functions

- 1) **Interchangeable Microphone Head**
- 2) **LCD Screen**
- 3) **Power / Mute Control Switch**
- 4) **Select Button**
- 5) **Microphone Input Sensitivity Adjustment:** is used to set the gain of microphone. If you are a soft talking speaker you will need to turn the control counter clockwise. Turn clockwise if you are a loud talker. Use plastic screwdriver that is supplied.



- **TURN ON MICROPHONE:** Push and hold the **POWER/MUTE** (3) button until LCD screen lights up.
- **TO MUTE:** Press "POWER/MUTE" button twice to MUTE. Channel number will flash when muted. Press button again twice to remove **MUTE**.
- **TURN OFF MICROPHONE:** Push and hold the **POWER/MUTE** (3) button for 2 seconds to turn microphone **OFF**.
- **SELECT CHANNEL (Manual):** Press and hold the **SELECT** (4) button for 2 seconds until you only see the word Channel and channel number. To change channel, when flashing, press the **SELECT** (4) button until you reach the desired channel. Flashing will stop after 10 seconds and channel is now set.
- **LOCK / UNLOCK CHANNEL:** Push the **POWER/MUTE** (3) button and **SELECT** button at the same time to lock or unlock channel. When locked, channel cannot be changed. **LOCKED** symbol appears in upper left-hand corner.

COMPACT DISC / MEDIA PLAYER OPERATION

HANDLING THE DISCS:

Always insert a CD, CD-R, CD-R/W into player with label side up! Proper handling and care of CDs should be taken to insure proper operation. Fingerprints and dust should be carefully wiped off the surface, starting from the center of the disc and moving out towards the edge. It is best to avoid touching the surface opposite the label to prevent scratching or leaving fingerprints on the surface area. Always remove disc from player before transporting unit.



LOADING AND UNLOADING DISCS:

Gently insert disc into player slot until engagement mechanism pulls CD into player. Do not force CD into unit. To remove disc press **EJECT** button. CD will stop playing and will slowly eject from player. Gently remove CD, place CD back into jewel case.

- **NORMAL DISC PLAY:** Insert CD into player and press **PLAY/PAUSE** button if CD hasn't already begun to play. Disc play will start at first track. Player display will indicate track number and time.

INPUTS

- **USB 2.0 / SD CARD SLOT:** For Flash / Thumb drive memory devices and SD cards containing MP3 music files.

FUNCTIONS

- **POWER:** Press Power button to turn CD Player on. This knob increases the output level when turned clockwise, and decreases the volume when turned counter clockwise. This is in addition to the main volume control function.
- **PLAY/PAUSE:** Starts playback of the current selection, and also stops the selection when pressed during playback. When the button is pressed again, playback resumes at the point where the selection was stopped.
- **STOP:** Press to completely stop the CD from playing. Pressing the (play) button will start the CD from the beginning of the first selection on the disk.
- **FOLDER BUTTONS:** Select which folder in USB or SD storage devices to play. **Down** backs up on the current folder or selection, **UP** move forward on the current folder or selection.
- **SKIP BUTTONS:** **Down** skips back to the previous selection, **UP** skips forward to the next selection. Hold button while song is playing and will fast-forward.
- **PROGRAM (PROG):** Used to program order of songs to play on CD. Press button. **PROG** lights up on display. Rotate **POWER/VOL** knob to song number. Press **SHUF** to confirm. Repeat to program another song. Press **PLAY** to start program order. Press Program button to cancel function.
- **REPEAT:** Song that is currently playing, **REPEAT** lights up on display or repeat all CD tracks, **ALL** lights up.
- **EJECT:** Press button. After the CD has stopped playing, CD disk will eject from the player.
- **MODE: SD /USB/CD Button** selects between SD, USB and CD playback. Function lights up on display when media is inserted into slot..
- **SHUFFLE (SHUF):** Random playback of all music tracks on CD, SD Card, or USB Thumb Drive. **SHUF** will light up on display.
- **MUTE:** Press to silent music but will continue to play. **MUTE** will light up on display. Press to release **MUTE**.

REMOTE CONTROL

The remote control for the SW800 is used only to operate the controls of the **Media Player ONLY** from the backside (control side). The remote control can be used up to 50 feet from player. Must be in direct line of sight for best results.

- **REMOTE:** To operate the CD player or SD / USB reader with the remote control, **the button on the remote labeled device you wish to play must be pressed first.** Once the button is pressed, all buttons will continue to control their respective functions on the CD / Media Player until one of the other input buttons is pressed.
- See **FUNCTIONS** above for explanation of buttons.



BLUETOOTH MODULE

PAIRING WITH A BLUETOOTH DEVICE

- The Bluetooth® receiver has its own power / volume switch. Before turning receiver on, the main power for the PA must be on.
- Rotate switch clockwise to turn on. Once turned on you will hear a short music sound confirming that it is now on.
- The status LED will begin to flash RED indicating that you are now ready for pairing your Bluetooth device.
- You need to first enable Bluetooth on you device. When enabled you will be in the %discover+mode. You will see a list of devices. Choose “**AmpliVox**” or “**AmpliVox S1500**”.



- Once your device is paired / connected+the status LED will stop flashing and turns GREEN.
- You can now stream audio from your device to the PA.
- The three control buttons, in the center, can be used to Start- Pause / Advance / Back, your streaming music from your device.
- Adjust volume to desired level using Main Volume Control / Bluetooth Receiver Volume Control and your device volume control.

PROBLEM & ITEMS TO CHECK

UNIT WILL NOT TURN ON

- Is unit plugged in?
- Are batteries charged?
- Are fuses blown?

UNIT OPERATES ON AC BUT NOT BATTERY

- Check battery terminals
- Check Fuse in Power Receptacle. Replace if needed.

SOUND IS MUFFLED

- Bass too high
- Treble too low

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 main volume level.
- If using wireless, be sure receiver and transmitter battery is installed and both units are turned on.

MICROPHONE SIGNAL IS WEAK

- Check batteries in microphone.

WIRELESS MIC DOES NOT WORK

- Check that transmitter batteries are good and ensure transmitter is on.
- Does yellow %signal+LED light when transmitter is turned on?
- Are the transmitter and receiver on the same channel? (1-16)

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.

SW800 MAKES BUZZING NOISE

- Check cables . a damaged cable will cause this. Unplug cables one at a time until buzzing stops.
- Check for Ground loops . use a ground loop isolator where needed.

CD DOES NOT PLAY

- Is unit turned on?
- Be sure CD or CD-R is loaded into tray correctly.

CD SKIPS

- Be sure unit is steady. If it is jarred, this may occur.
- Check for scratches on disc surface

UNIT WILL NOT PLAY CD-R/W MEDIA.

- Inspect disc for deep scratches or cracks
- Check if player is in %pause+mode

BATTERIES WILL NOT HOLD CHARGE

- Replace Main Batteries every 1-2 years if unit is not left charging when not in use.
- A full charge is best obtained when the unit is off and plugged into the AC outlet for several hours. After a year or two the batteries may need to be replaced. Batteries are available from Amplivox.
- To replace the batteries use a Phillips screwdriver and take out the 4 screws from each battery cover (there are two batteries) on the back panel. Remove the foam spacer, set aside. Pull out the batteries to access the terminals.
- Carefully hold the battery with one hand while you remove the mating connector. Replace with new battery and push mating connector of battery wire onto the corresponding color/polarity. RED = POSITIVE, BLACK = NEGATIVE.
- Place the batteries back in the compartment. Replace the foam and screw on the covers.

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 batteries 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 SO EVER, 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