

AVAMPLIVOX®

User Guide

PINNACLE TABLETOP AND FULL HEIGHT LECTERN

WITH SOUND SW3240 / SW3250



Thank you for choosing the **PINNACLE SW3240 Tabletop** or the **SW3250 Full Height Lectern** from AmpliVox Portable Sound Systems. 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.

WHAT'S IN THE

SW3240 Tabletop

- 150 W. Multimedia Stereo Amplifier
- Bluetooth Module and Control Panel
- 15 foot XLR mic cable
- 21" Electret condenser gooseneck mic with Shock Mount Holder
- 96 CH UHF Wireless Microphone
- 2 - Built in Speakers
- Speaker Grille Cover
- Power Strip
- 10 foot AC Power Cord

SW3250 Full Height

- 150 W. Multimedia Stereo Amplifier
- Bluetooth Module and Control Panel
- 15 foot XLR mic cable
- 21" Electret condenser gooseneck mic with Shock Mount Holder
- 96 CH UHF Wireless Microphone
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USER GUIDE

GOOSENECK MICROPHONE	3
DASHBOARD	3
WIRELESS MIC SETUP	4, 5
BLUETOOTH MODULE	6
PROBLEM SOLVING	6

BLUETOOTH MODULE



- With **Amplifier Main Power Switch (EE) ON**, rotate **ON / OFF / Volume Control (AA)** clockwise to turn Bluetooth module on. A prompt tone will be heard and the **Power Indicator (BB)** will light blue. The **LINK Indicator (CC)** will start to flash, searching for a Bluetooth signal.
- Turn on your Bluetooth device for pairing. On your Bluetooth menu of your device, choose **Portable PA**. Once paired, blue **LINK** indicator will stay on and you will hear an audible tone beep twice. The Search function will stay active for 10 minutes. If no signal is found, this function will shut off.
- You are now ready to stream audio from your device. You can adjust the volume using the volume control on the Bluetooth module, and your Bluetooth device's volume control. For maximum loudness set your Bluetooth device at maximum loudness and then adjust using the volume control on the Bluetooth module.
- **AF INDICATOR (DD)** will light green when audio signal is received from the Bluetooth device.
- If you are using a cell phone and you receive a phone call, the audio will stop. When the phone call has been completed the Bluetooth will automatically be linked again to the Bluetooth module.

150 WATT AMPLIFIER

- **AMPLIFIER POWER : ON / OFF SWITCH (EE)**
- **EXTERNAL SPEAKER (FF):** 1/4" connector. For external speaker use.
- **LINE OUT (GG):** 1/4" connector. Use for connecting to other electronics. Your lectern may have a 1/4" plug connected here. It is connected to the XLR connector on lower side of lectern (see Pg. 3) for in-house system connection. If not needed you can unplug.
- **AUX IN (HH):** 1/8" (3.5mm) connector. Use for connecting to other electronics.
- **MIC 2 (JJ):** XLR connector for external wired microphone
- **LECTERN SPEAKER CONNECTION (KK)**
- **POWER CONNECTION (LL)**



PROBLEM SOLVING

UNIT WILL NOT TURN ON

- Is unit plugged in?

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

MICROPHONE SIGNAL IS WEAK

- If microphone has batteries, check batteries.
- Check cables/connectors.

WIRELESS MIC DOES NOT WORK

- Check that transmitter batteries are fully charged and ensure transmitter is on.
- Does yellow "signal" LED light when transmitter is turned on?
- Are the transmitter and receiver on the same channel (1-96)?

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.

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.

NEED HELP? Call 800-267-5486

Please read all instructions first and then follow the steps below.
Your lectern may not contain all of these features as shown.



POWER / XLR MICROPHONE OUTPUT

XLR OUTPUT

At the base of the lectern there is an XLR output jack that may be used to connect the lectern to the house PA system, recording device, or any other audio device with a MIC LEVEL input. With this connection the person speaking into the electret microphone or any other microphone plugged into the amplifier panel, including the wireless microphone panel, can also be heard through the house system. Also, audio signals from any device connected to the "LINE IN" input will be heard through the house system, such as the audio portion of a computer presentation, CD player or MP3 device for example.



The XLR output may also be modified to deliver a line-level output if needed. Contact AmpliVox Customer Service for further details.

POWER INPUT

Connect lectern to power outlet using the 10 foot IEC power cord.

PORTABILITY

Two tilt-n-turn heavy duty industrial wheels (SW3250) and built-in handles for easy portability.

From the backside of the lectern grab the two recessed built-in handles on the sides, tilt lectern backwards and begin to roll.

POWER STRIP

There is a 6-outlet power strip located inside the recess that is connected to the power input jack at the base of the lectern. The power strip can be used to power additional electronics.

GOOSENECK MICROPHONE

Locate **MOUNTING FLANGE** in the far left corner of the **READING TABLE**. The **MIC CORD** comes pre-wired to the amplifier and is taped to the reading table. Remove tape.

Take **GOOSENECK MICROPHONE** and connect to the plug end of the cable. Notice that the microphone connector has three small (3) pins inside of the connector. **These pins can bend if you are not careful.** Align these pins with the three (3) holes in the plug end of the cable and push together until microphone is completely seated onto the plug.

Now carefully take excess cable and push back through rubber booth first, then insert the microphone only far enough that it is able to stand upright without falling over.



DASHBOARD



- **LCD CLOCK (A)** See below.
- **LED READING LAMP (B)** The lectern is equipped with a bright, adjustable 6-LED reading lamp that illuminates the entire reading surface. To use, the main power on the power strip must be turned on. The knob located to the right of the reading lamp turns it on and controls the brightness. Turn it clock-wise to make it brighter and counter-clockwise to dim or turn off completely.
- **CONTROL PANEL (C)** See page 3.
- **WIRELESS 96 CHANNEL UHF RECEIVER (D)** See page 3.
- **BLUETOOTH MODULE (E)** see page 5.

LCD CLOCK



- To make adjustments to clock, press mode button. Display will flash to show which number to change. When flashing, use set button to make changes.
- Press light button to laminate display. Light will only work when pressing button.
- Requires 2—AG13 / LR44 button cell batteries (installed). To replace batteries, pull clock out of opening in dashboard. Press fit only.

CONTROL PANEL



- **MIC 1:** Adjusts volume level of gooseneck microphone on reading table.
- **MIC 2:** Adjusts volume level of microphone plugged into the MIC 2 input jack on amplifier.
- **AUX:** Controls output level of device that is plugged into the 1/8" jack.
- **BASS:** This control cuts or boosts the bass level.
- **TREBLE:** This control cuts or boosts the treble level.

96 CHANNEL UHF WIRELESS RECEIVER



- Channel Display (F)
- Select Buttons - Manual Channel Selection (G)
- Volume Control (H)
- Channel Sync (I)
- AF - Audio Frequency Indicator (J)
- RX - Radio Frequency Indicator (K)
- Antenna Indicator (L)

RECEIVER SETUP:

- The receiver has its own **POWER / VOLUME** Control (H). Turn Power On. **Channel Display (F)** will show "ON" and show last channel used. To select a clear channel, press **SYNC (I)** button. Receiver will scan for the next clear channel and stop. Also turn on the Wireless Transmitter (Bodypack or Microphone) and press the **SET (R-handheld or Q-bodypack)** button. Display will **FLASH** and then sync to Receiver.

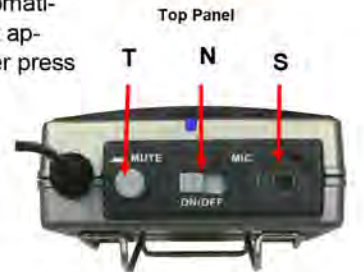
- To manually select a channel, press and hold either the **UP** or **DOWN ARROW BUTTON (G)** for 1 second until channel number is flashing. Then select new channel. Stop pressing button when you have the channel you want.

Channel number must match channel number on wireless transmitter.

- When receiving signal, the **RX Indicator (K)** will light to show that a radio frequency is being received. Then when speaking, **AF Indicator (J)** will light to show that audio is being received. If no lights, then check the channel selection on both the receiver and transmitter.
- **A/B DIVERSITY ANTENNA INDICATOR (L):** Receiver has two antennas and selects which antenna is receiving the best signal. Will light Red or Green.

WIRELESS BODYPACK TRANSMITTER SETUP

- The transmitter bodypack is operated by 2 - "AA" 1.5 Volt alkaline batteries. Slide off battery cover (**M**) and install batteries as shown. Observe correct polarity when inserting batteries. Make certain the batteries are fully seated in their compartment so the cover slides in place easily. Close cover. Battery life with alkaline batteries is approximately 8 hours of operating time.
- Slide **ON/OFF (N)** switch to **ON** position. **POWER LED (O)** and **DISPLAY (P)** will light and **ON** will appear for a second then switch to show **BATTERY STATUS** and **CHANNEL** currently set to. To automatically sync to the same channel that appears on the wireless panel receiver press **SET Button (Q)** and then press **SYNC** button on **Receiver Panel (I)**. Both displays will **FLASH** and sync to the same channel.



- To manually select and match the channel number on the receiver, you **PRESS** and **HOLD** the **SET BUTTON (Q)** a few seconds until the channel number starts to flash. Release **SET BUTTON** and using the **UP/DOWN BUTTONS (R)**, select new channel. Press **SET BUTTON** again to lock in **CHANNEL**. Channel selected should match channel on receiver. When transmitter and receiver are set to correct channel the **RX INDICATOR (K)** on receiver will glow green.



- Plug the **Lapel / Headset microphone** into the **MIC INPUT JACK (S)**. The lapel microphone can be clipped to clothing, using the supplied clip. The lapel mic should be placed under the chin, as close to the center of the body as possible.

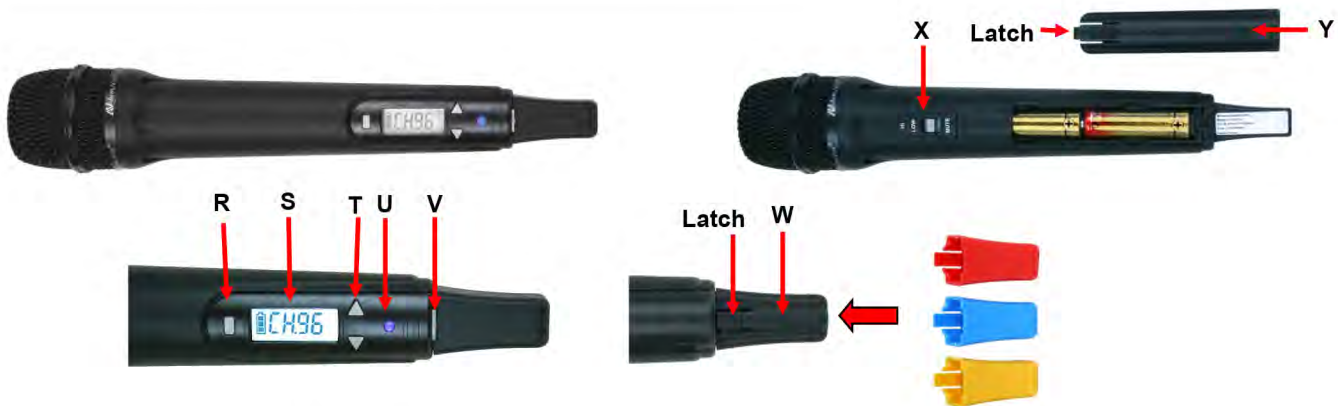
- **MUTE (T):** If you temporarily want to silent the microphone without turning it off, push **MUTE BUTTON** down. When ready to use microphone again, press **MUTE BUTTON** to release, and begin to speak.

- **SENSITIVITY SWITCH (U):** If you are a soft spoken person then set the switch to the **HI** position. If you are a loud speaking person then set the switch to the **MID** or **LOW** position. Adjust to prevent distortion while speaking.

- **AUX IN (V):** This 1/8" (3.5mm) jack allows you to connect and wirelessly play audio from any phone, tablet, laptop or other media-playing device that has an audio output jack.

- When done speaking, slide **ON/OFF** switch to **OFF**.





- Frequency Set Button (R)
- Channel Display / Battery Meter (S)
- Select Buttons - Manual Channel Selection (T)
- Power Indicator (U)
- Power Switch (V)

- Antenna Cap (W)
- Sensitivity / Mute Switch (X)
- Battery Cover (Y)

HANDHELD MICROPHONE BATTERY INSTALLATION

- Press latch on **ANTENNA CAP (W)** and slide off. Must remove first to get **BATTERY COVER (Y)** off.
- Press latch on **BATTERY COVER (Y)** and slide off.
- Insert 2 AA 1.5V Alkaline Batteries. Observe proper polarity when inserting. Insert (-) negative end of battery first into opening. Install the second battery.
- Slide **BATTERY COVER** back on until it locks into place.
- Slide **ANTENNA CAP** back on until it locks into place. You have been supplied three color caps besides the black cap to choose from. Allows you to use a different color for identification when you have more than one handheld microphone.

WIRELESS MICROPHONE CHANNEL SETUP

- Press **POWER SWITCH (V)** and hold 2-3 seconds to power on the microphone. The **POWER INDICATOR (U)** will light and **CHANNEL DISPLAY (S)** will show **ON**. To automatically sync to the same channel that appears on the wireless panel receiver press **SET Button (R)** and then press **SYNC** button on **Receiver Panel (I)**. Both displays will **FLASH** and sync to the same channel.
- To manually select a **CHANNEL** first press and hold the **SET BUTTON (R)** until the channel number begins to flash. Then using the **UP / DOWN BUTTONS (T)** select channel that appears on the **Receiver Panel (F)**. Press **SET BUTTON (R)** to lock in channel number. Channel numbers must match for the wireless microphone to work. To see the frequency that the channel is on you can press and hold either the UP or Down button.

OPERATION

- Check **BATTERY METER** in the **CHANNEL DISPLAY (S)**. Strong batteries are needed for good transmission to receiver. When battery meter shows only one bar you should replace batteries. If no bars are showing, indicating that the batteries are exhausted, display will flash three times and then automatically turn off.

A fresh set of quality batteries will last approximately 8 hours.

- **SENSITIVITY / MUTE SWITCH (X)**: If you are a soft spoken person then set the switch to the **HI** position. If you are a loud speaking person then set the switch to the **LOW** position. Adjust to prevent distortion while speaking.

MUTE : If you temporarily want to silent the microphone without turning it off, slide switch all the way down to **MUTE** microphone. When ready to use microphone again, slide switch to HI / LOW position and begin to speak.

- When done speaking, press and hold **POWER SWITCH (V)** for 2 seconds until you see the word **OFF** in the **CHANNEL DISPLAY (S)**. The microphone is now **OFF**. **POWER INDICATOR (U)** will go off when power switch is released.

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 Six (6) -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 six (6) years 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

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.

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 lectern 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.

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