

## MODEL SW3240 / SW3250 USER GUIDE

### Pinnacle Full Height and Tabletop Lectern with Internal 16 Channel UHF Wireless Receiver and Amplifier

SW3240



SW3250



Thank you for choosing the **SW3240 / SW3250 Pinnacle Lectern** 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](http://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.

#### INCLUDES:

- **Built-in Flush Mount Amplifier w/Internal 16 Channel UHF Wireless Receiver**
- **Electret Gooseneck Microphone**
- **Wireless headset and lapel mic with transmitter**
- **25 Foot XLR Cable**
- **16 Foot Power Cord**

The **SW3240 / SW3250** Pinnacle Lecterns come with a Gooseneck Mic. that installs in the cable mounted in the shock mount on the reading table. That cable is prewired to the XLR connector at the lower side of the unit where you plug in an XLR cable to the house PA system.

The LED Lamp is powered by an AC power adapter that is plugged into an outlet strip mounted inside the unit which has its plug mounted to the bottom side of the unit. You plug in the supplied power cord from the base of the unit to the house AC.

The clock/timer is battery operated (LR44 Watch Batteries, not included). The batteries can be replaced by pulling the clock out of the panel. The batteries are in the back of the timer.



## **BATTERY INSTALLATION / SET-UP**

### **INSTALL POWER SUPPLY IN ALL COMPONENTS:**

**IMPORTANT!** Do not mix battery types or attempt to recharge alkaline batteries. Equipment damage, safety hazard or fire could result. Remove batteries if the unit is not going to be used for long periods of time to prevent leakage.

**SW3240 / SW3250:** Both lecterns run on AC power or battery power. The battery carriage holds 10 D-cell alkaline batteries or Amplivox optional **S1465 NiCad Battery Pack** (Fig.1) which also requires a S1460 AC adapter for recharging. (Fig. 2). Or runs on a 12 Volt DC adapter (automotive cigarette lighter plug-in, not included).

Locate amplifier (A). Loosen four thumbscrews (B) and remove battery door. Remove battery carriage (C). Insert 10 D-cell alkaline batteries, observing polarity, or replace with fully charged S1465 NiCad battery pack. Carefully replace the battery carriage. Reposition battery door and fasten the thumbscrews.

**Transmitter Bodypack:** The transmitter bodypack (S1690T) is operated by 1 - "AA" alkaline battery. Before use, install battery as shown (Fig. 3). 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.

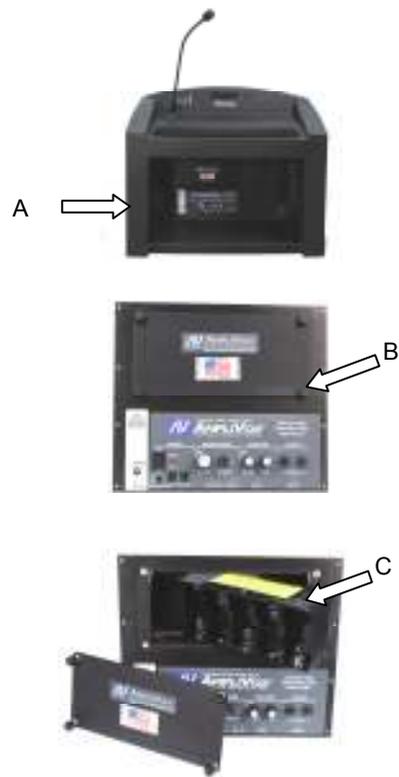


Fig. 1



NiCad Battery Pack (S1465)

Fig. 2



AC Adapter (S1460)

Fig. 3



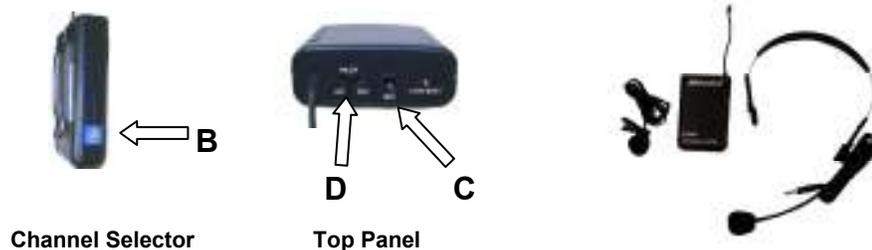
## **INTERNAL WIRELESS MICROPHONE RECEIVER:**

Select channel (1-16) on front panel (A). Channel number should match channel number on wireless transmitter. Use supplied screwdriver to select channel number.

Frequency Range: 584-608 MHz



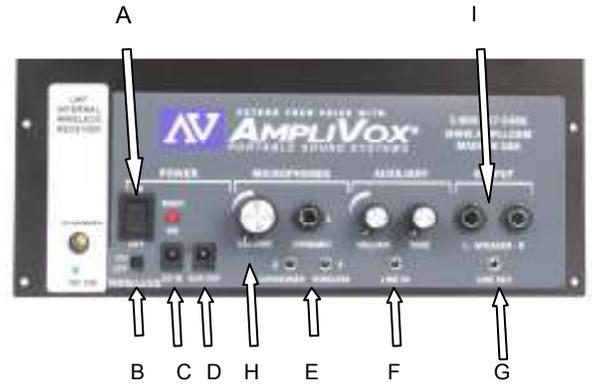
## **MICROPHONE TRANSMITTER (S1690T)**



- 1) Rotate the Channel Selector Switch (B) to the desired channel with a small screwdriver. Channel must match channel selected on receiver.
- 2) Belt clip on the back of the unit clips the transmitter onto a belt or the transmitter simply can be put into a pocket.
- 3) Plug the microphone into the Mic Input Jack (C).
- 4) 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
- 5) Slide the power ON/OFF switch (D) to the ON position (the LED indicator light will illuminate). Please note that this is a 3 position switch. The center position is "MUTE".

## CONTROL PANEL

- (A) **ON-OFF: POWER SWITCH** is located on left of front panel. When turned on, the red LED will light.
- (B) **INTERNAL WIRELESS ON-OFF SWITCH**
- (C) **DC IN:** Connection for optional power adapter:
- S1460 International AC Adapter/Recharger (110/220V, 50/60Hz)
  - S1462 12 Volt DC (automotive cigarette lighter) Adapter
- (D) **AUX POWER OUT:** Connection for 12 to 15V DC accessory
- (E) **MICROPHONE INPUTS:**  
There are three microphone inputs, which can be used simultaneously
- DYNAMIC** - for standard dynamic cartridge microphones. 1/4" jack  
**CONDENSER** - for electret or condenser microphones, which require phantom power (supplied from the amplifier). 3.5mm jack  
**WIRELESS** - accepts line-level output from wireless microphone receiver. 3.5mm jack
- (F) **AUX - AUXILIARY:** To play pre-recorded music, connect the **LINE OUT** of your CD player, tape player, MP3 or Smartphone (cable with 3.5mm plug will be needed) into the **LINE IN** jack. Separate **VOLUME** and **tone** control knobs let you balance the program source with the live microphones. Can also be use for an external wireless microphone receiver.
- (G) **OUTPUT - LINE OUT :** To record your speech or program, connect the **LINE OUT** on the amplifier (cable with 3.5mm plug will be needed) to the input of a recorder.
- (H) **VOLUME CONTROL - MAIN:** Rotate clockwise to increase amplification of Microphone inputs and internal wireless.
- (I) **SPEAKERS:** Two separately amplified speaker jacks allow you to use one or two speakers (S1201, S1290) for additional sound power or true stereo output. Note: when using a stereo **AUX** source with a single speaker, only one of the stereo channels will be heard. However, all **MIC** inputs are heard equally on both channels.
- TO OPERATE:** Insure the speaker is plugged into **Left SPEAKER** jack. Turn amplifier on. Turn on wireless receiver (if using wireless microphone). LED on front of cabinet will light. Insure both transmitter and receiver are on same frequency. Turn on power switch located on wireless transmitter (body pack or handheld microphone). Rotate main **VOLUME** control knob to obtain desired loudness level throughout the coverage area.



## FEATURES

### **READING LAMP**

The lectern is equipped with a bright, adjustable 6-LED reading lamp that illuminates the entire reading surface. To use the reading lamp located on the panel in front of the reading surface, the main power on the electronics panel 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.

### **CLOCK / TIMER**

The jumbo LCD display has backlighting for easy reading for the presenter to be able to track time and length of presentation.

### **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 control panel, including the wireless microphone, can also be heard through the house system. Also, audio signals from any device connected to the "AUXILIARY" 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.

### **GOOSENECK CONDENSER MICROPHONE**

The electret condenser microphone is designed for extra sensitivity to easily pick up the presenter's voice. Plug the microphone into the XLR cable that is in the "Shock Mount" base on the reading surface. You can pull out the connector cable for easier attachment of the microphone. Insert the microphone back into the base until it is firmly supported.

Adjust positioning as needed. The XLR cable for the microphone is internally connected on the same circuit as the "CONDENSER" jack located on the control panel in the recess. Adjust microphone level using the main volume control (H).

### **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. Connect lectern to power outlet using the 16' IEC power cord. The power strip can be used to power additional electronics.

### **PORTABILITY**

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

## **HELPFUL HINTS**

- A) If the selected channel is noisy, switch both the transmitter and receiver to another channel.
- B) Low ceiling fluorescent lighting, overhead telephone lines, or close proximity to metal fences can all cause static. If this occurs, try a slight change of position and/or try changing frequencies.
- C) When the battery voltage drops below 6V, the LED indicator will go out. This means you need new batteries.
- D) Be sure to turn off the power whenever the units are not in use, and remove the battery if the transmitter will be out of service for a long time.
- E) Cellular telephones cause interference. Ask your audience to turn off their cell phones.

NOTE: There are no user-adjustable parts inside the transmitter. Do not attempt to open or make any adjustments

## **FEEDBACK**

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. Sound 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.)

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## **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").

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 damage due to improper operation, maintenance or installation, or attempted repair by anyone other than AmpliVox. Any unauthorized repairs will void this warranty.

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