

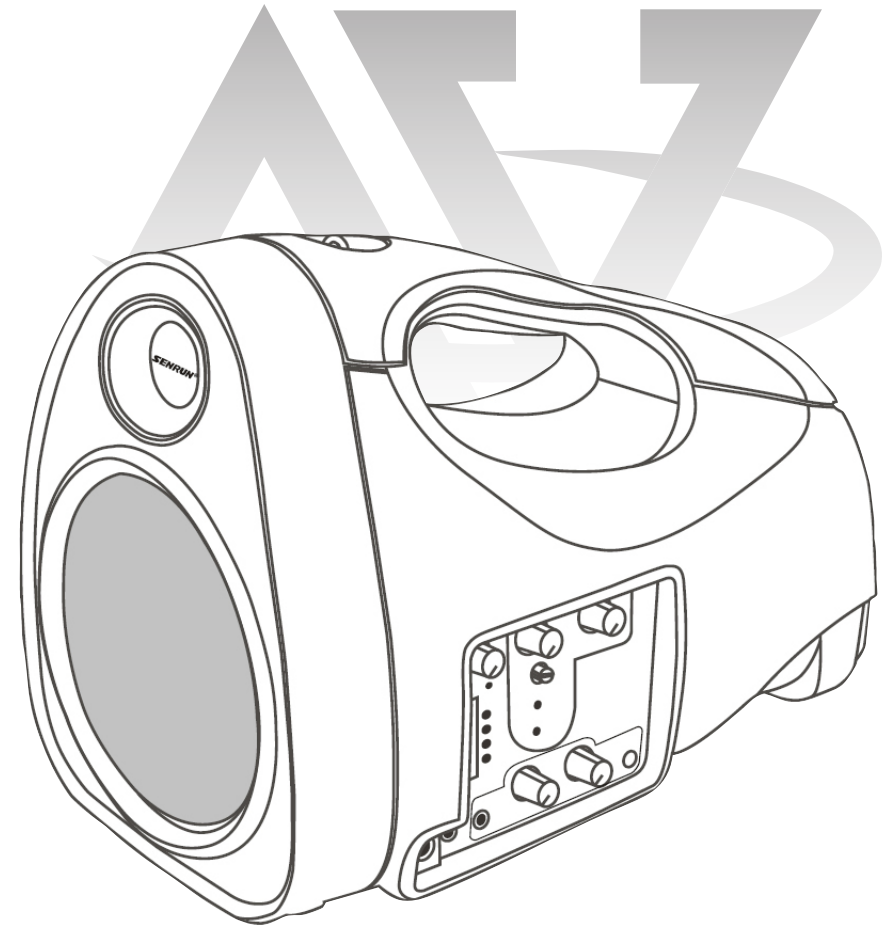


## SW300 MITY-LITE Portable PA



## SW300 MITY-LITE Portable PA

Amplivox Sound Systems LLC.  
3995 Commercial Ave.  
Northbrook, IL 60062  
800-267-5486



===== USERS MANUAL =====

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Should you need any assistance please call 800-267-5486. To register your product for warranty and support please visit <http://www.ampli.com/support.htm> or submit warranty registration card to...

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1 Year Limited Warranty on manufacturer's defect only. This does not cover accidental damage or abnormal operating/storage conditions such as extreme heat or cold or excessive moisture. Please contact the manufacturer (information above) for service or replacement. Warranty is considered null and void should the product case be opened or appear tampered with.

**Notes on Installation:**

- 1- This unit should be away from the ground 3-5 feet for maximum sound projection. Tripods are available to assist in placement from the manufacturer.
- 2- Please ensure your area's voltage output is between 100 and 240 volts before charging the unit with an AC Adapter. This range covers most international power outlets, but may not include generators or areas where electrical output is unregulated.
- 3- Do not turn the volume to maximum and the treble tone controls to maximum at the same time. Damage to the speaker may occur.
- 4- You do not need to charge the unit while in use. Battery power supplies ample power to unit for use away from power source.
- 5- When the wireless microphone and receiver are not in use please turn off. This saves battery power.
- 6- Do not leave the volume at maximum for more than 30 minutes. The unit may create excess heat that may damage the unit. If needing greater coverage please consider purchasing additional units, or other larger PA's from Amplivox Sound Systems.

**Safety & Maintenance:**

- 1- Do not drop or jar the unit. Damage may occur.
- 2- Do not leave the unit exposed to direct sunlight, or conditions of extreme heat or moisture. Damage may occur, and the units normal function may be impaired.
- 3- There are no user-servicable part inside. Please refer to the manufacturer for repair or service.

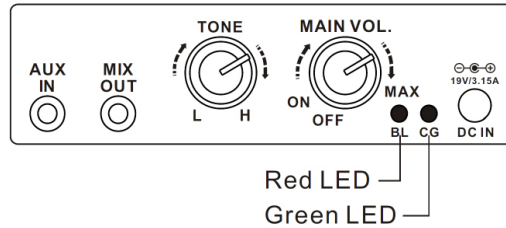
**Specifications:**

Frequency	UHF 610-960MHz (UHF PLL 16-ch or 863-865MHz)
Sensitivity	12dBµv
Oscillation Mode	Crystal/PLL Synthesized
Speaker	5 1/4" 4 Ω full range loudspeaker
Deviation Range	UHF: +/- 40 KHz
Audio Inputs	3.5mm or 1/8" Line In Jack
Power Output	35W 4 Ω Load
Freq. Response	60Hz-15kHz +/- 3dB
T.H.D.	< 0.1%
S/N Ratio	>90dB
Power Supply	Built-In 12V/2.7Ah lead acid battery & 19V DC 3150mA/100-240V AC switching power supply
Charging Time	Approx. 4.5 Hours
Operating Time	Up to 8 hours continuous use (depends on volume level)
Weight	6.5 lbs.
Dimensions	11.5in.H x 6.5in.W x 8.25in.D
Accessories	Switching Power Supply, instruction manual, shoulder strap, storage bag, wireless handheld microphone, 2 microphone batteries.

## Charging the Battery Pack & Battery Maintenance

### Charging Method:

- 1- Charging: CG (Green LED) indicator flashes on the unit.  
Charging complete: CG (Green LED) indicator steady on the unit.
- 2- Power to unit from battery is too weak: BL (Red LED) indicator flashes.  
Power to unit from battery is at acceptable levels: BL (Red LED) indicator is steady on the unit/

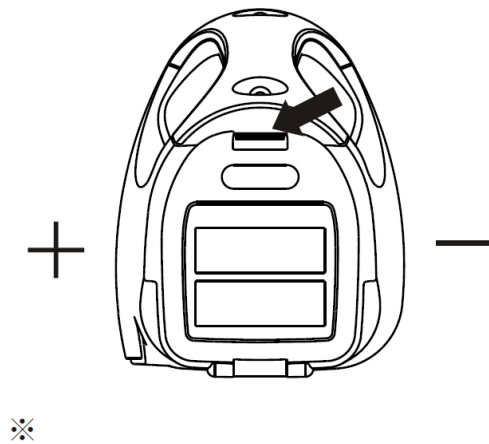


### Notes:

- 1- If BL (Red LED) flashes for too long a period of the batteries will be entirely drained and the unit will automatically turn off. Please charge the battery immediately.
- 2- The rechargeable battery is a standard lead acid battery. Please do not replace the battery with that of any other type or specification. Incorrect battery specifications may cause damage to the unit.
- 3- The rechargeable battery in the handheld microphone is a lithium type battery. Please do not replace the battery with that of any other type or specification. Incorrect battery specifications may cause damage to the unit.  
Lithium battery system: 14.8V/2.4 Ah (3.7V - 4 batteries)

### Battery Maintenance:

- 1- When changing the battery care must be given to correctly aligning the electrodes. The red line connects the battery to the positive pole, and the black line connects the battery to the negative pole. Refer to the graphic below. Please do not connect these in reverse or damage may occur. Please use only high quality batteries from the manufacturer. If replacing please carefully read the specifications found on page 6.
- 2- When not using the unit for long periods of time please turn the unit off and charge regularly (about once every 2-3 weeks). This keeps the life-span of the battery at its maximum.



**Note:** The battery is not warranted.

## Main Unit

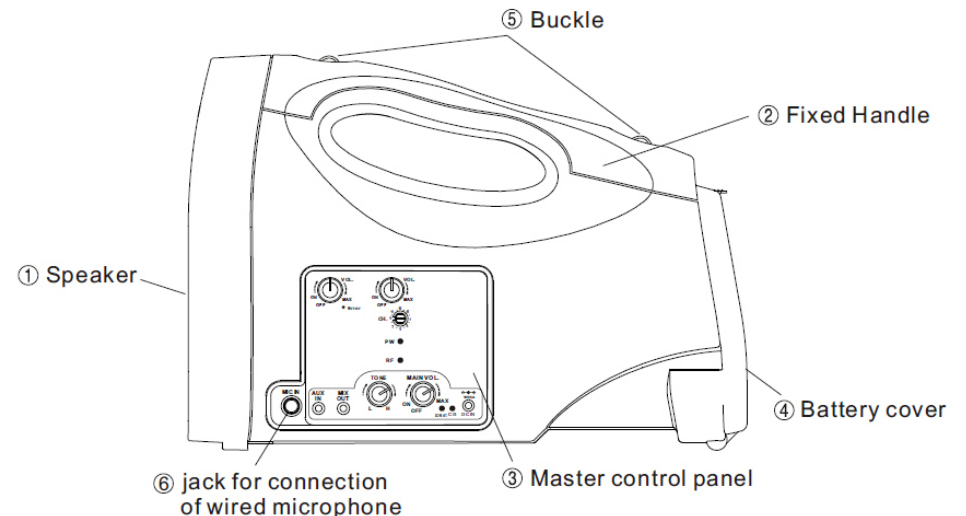
### Introduction:

Please read this manual thoroughly before operating the unit, and keep the manual with the unit for future reference.

This product comes equipped with an auto switching power supply (AC90-264V) for the various voltage outputs internationally. Its case has been elegantly designed and uses water-resistant fiber-steel plastic materials for incredible durability and outdoor use. The circuitry is designed for maximum sound quality and a clear bright tone. It is also equipped with an intelligent charging system with built-in rechargeable battery that charges while in use. A single charge lasts between 5-8 hours for use away from power outlets (depends on volume). Recharges in about 4.5 hours.

This unit can be used in the office, classroom, meeting room, places of worship, auditoriums, music halls and meeting places. Can also be used for emergency broadcasting, tour guide amplification or for government applications.

The SW300 series is designed for consumers needs with built-in wireless with 16 user selectable channels and wireless microphone receiver. UHF frequency is designed for less interference.

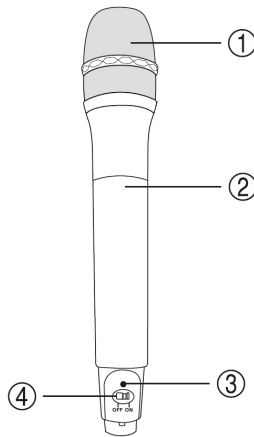


## Wireless Microphone

### UHF Wireless Handheld Microphone:

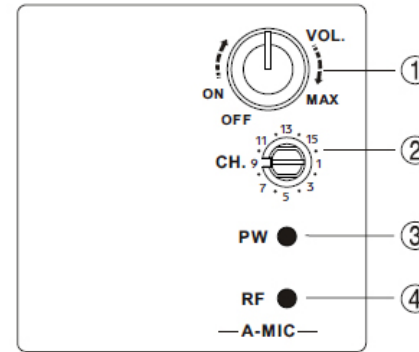
- 1- Steel grille cover: Protects microphone electronics from damage
- 2- Microphone housing: Turn counter-clockwise to screw off housing and replace batteries
- 3- Power consumption indicator light LED. Steady red indicates batteries are almost out of power. Green indicates normal power.
- 4- Power switch: On - Off

Note: Remove the batteries if you do not plan on using the microphone for an extended period of time. Please turn the microphone off if not in use. Damage may occur to circuit and microphone casing if these instructions are not followed.



## Wireless and Master Controls

### Wireless Controls:



- 1- Wireless Receiver module volume switch. Independently controls wireless handheld microphone volume from main unit.
- 2- Power status LED. Red indicates batteries need to be replaced.
- 3- Wireless signal indicator. Lights up when wireless transmitter in microphone is activated (if microphone is on and functioning this should light up).

### Master Controls:

- 1- 1/8" / 3.5mm audio input jack for USB, MP3, CD, DVD, Tape and other audio devices.
- 2- 1/8" / 3.5mm mixer output jack for recording or connecting to external PA System
- 3- Treble - Rotate knob clockwise to increase TREBLE or high pitch tune to preferred levels
- 4- Power On/Off Switch and main volume control. Turn clockwise to turn on power, and increase volume. Turn counter-clockwise to turn power off and decrease volume.
- 5- Power Status LED Light
- 6- Charging Status LED Light
- 7- DC input jack for AC Adapter (DC IN - 19V / 2.3 Ah).

