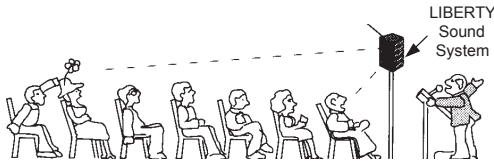


# LIBERTY 4500 INSTRUCTIONS

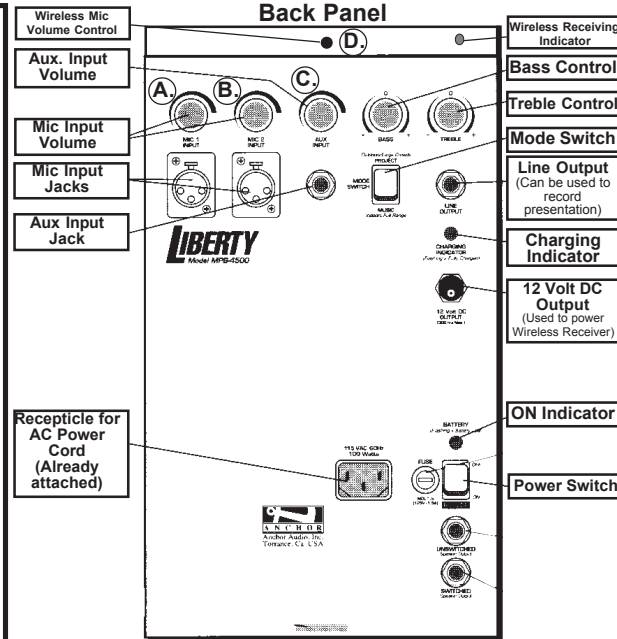
## EQUIPMENT POSITIONING & SETUP



1. Position the Liberty Sound System on a secure table, Liberty Speaker Stand or into the optional Liberty oak wood floor podium in front of the audience and ahead of the microphone.
2. If you are not using the Liberty oak wood floor podium, elevate the sound system so that the sound can be projected over the front listeners. This will permit sound to be projected to the listeners in the rear without overpowering the listeners in front. The Liberty is easily and safely elevated above the audience using the Liberty Speaker Stand.
3. For wired and wireless handheld microphones set up microphone stand in desired location and slide microphone into holder. Adjust stand for desired height.
4. A professional appearing setup should be neat and inconspicuous. Try to position the sound system where it will not be a traffic hazard. Most generally the system may be placed next to a side wall at the front of the audience. Dress all cables neatly and tape them down in traffic areas. (Avoid running the microphone cable along side the power cable.)

### How To Prevent Feedback

Feedback is a ringing, howling, or shrill sound that is self-generated by the sound system. It is the result of sound from the speakers being picked up by the microphone(s) in use and then re-amplified by the system. CAUTION: Feedback can damage the system and be hazardous to your hearing. To avoid feedback, always make sure volume is at minimum **BEFORE** connecting microphone(s). If feedback occurs, immediately direct microphone away from the speakers and reduce volume.



## OPERATING INSTRUCTIONS

Referring to the Back Panel diagram shown at left:

1. Before turning unit ON or plugging microphone(s) or auxiliary equipment into unit set the four input volume controls (Reference: A, B, C & D) to minimum by turning control dials to left.
2. Plug microphone(s) into either Mic1 or Mic2 Input jacks (A or B). Up to two (2) low impedance microphones can be connected and blended together through the Liberty. Plug Auxiliary device such as a CD or tape player into Aux Input jack (C).
3. For AC operation, plug the Liberty power cord into a standard 110 volt grounded outlet (red "CHARGING" LED will light).
4. For AC or battery operation turn Liberty unit ON by turning POWER SWITCH to ON, (Red LED above power switch will light).
5. For music and indoor applications, set Mode Select switch to MUSIC position. For outdoor use set Mode Select switch to PROJECT position.
6. Have someone speak into a connected microphone or feed an audio source such as a tape player into the Aux Input. Slowly increase the corresponding Mic or Aux Input volume control until you reach the desired volume level. Adjust the volume of each input to the desired level. **NOTE: If a wireless microphone is being used, be aware of feedback when walking in front of the sound system.**
7. Adjust BASS & TREBLE tone controls for desired tonal quality. Sound system is now ready for use.
8. When finished with the sound system - Turn microphones off and sound system POWER SWITCH to OFF. Unplug mics and accessories. (To unplug Mic1 and Mic2: Push in lock above microphone jack while gently pulling out on the jack.)
9. Re-store sound system and accessories carefully in *Herriott's* containers and carrying cases. Store and transport in a secure and dry environment.

### SOUND SYSTEM RECHARGEABLE INTERNAL BATTERY

Service time per charge will vary depending on the volume level, type of program usage and if auxiliary units are used with the system.

SERVICE TIME PER CHARGE	
At low volume	9-12 hours
At medium volume	6-8 hours
At full volume	4-6 hours

TO RECHARGE INTERNAL BATTERY: Plug the power cord into a standard 110 volt grounded AC outlet (the charge indicator LED will light indicating the internal battery is being charged at the fast charge rate). The built-in charging circuit will automatically begin charging the battery and control the charge rate. When the battery is 95% charged (approx. 6-8 hours), the charge indicator LED will start flashing. The automatic battery protection circuit prevents overcharging.

*The AC power cord may be plugged in for continued use while also recharging the batteries.*

### IMPORTANT!

**If using a Wireless Lapel or Handheld Microphone Please read closely our companion instruction sheet - "Instructions for Wireless Sound Accessories".**

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