



Troubleshooting Guide

Having trouble with the sound system?

Condition

Possible Solution

No sound (power LED not lit):

- turn POWER switch on; plug in power cord
- check for blown fuse

No sound (power LED lights):

- turn up volume control of input used
- set INT SPKR switch to 'on' position
- make sure external speaker plug and all other cables are completely plugged in

Feedback when using lectern mic:

- lower the mic volume control
- direct lectern away from reflective surfaces
- try adjusting tone controls

No sound when using line input:

- check for output from source
- plug input cables completely in

Having trouble with the wireless system? (Wireless models only.)

Condition

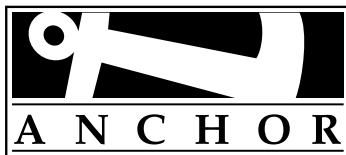
Possible Solution

No sound (TX ON indicator lights):

- set MUTE switch to 'on' position
- turn up WIRELESS volume control
- make sure mic is plugged into belt-pack transmitter

No sound (TX ON indicator off):

- turn Seville POWER switch on
- make sure transmitter power switch is on
- replace battery in transmitter



ANCHOR Audio, Inc. (310) 784-2300
100-0064-000 / Revision B, 04/97

Seville

Owner's Manual



Important Safeguards



CAUTION: To reduce the risk of electric shock, do not remove the cover. No user-serviceable parts inside. Refer servicing to qualified personnel.

WARNING: To prevent fire or electric shock, do not expose this equipment to rain or moisture.



ATTENTION: Pour éviter les risques de choc électrique, ne pas enlever le couvercle. Aucun entretien de pièces intérieures par l'utilisateur. Confier l'entretien au personnel qualifié.

AVIS: Pour éviter les risques d'incendie ou d'électrocution, n'exposez pas cet article à la pluie ou à l'humidité.

EXPLANATION OF GRAPHICAL SYMBOLS

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to humans.

The exclamation point, within an equilateral triangle, is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

EXPLICATION DES SYMBOLES GRAPHIQUES

Le symbole éclair avec point de flèche à l'intérieur d'un triangle équilatéral est utilisé pour alerter l'utilisateur de la présence à l'intérieur du coffret de "voltage dangereux" non isolé d'ampleur suffisante pour constituer un risque d'électrocution.

Le point d'exclamation à l'intérieur d'un triangle équilatéral est employé pour alerter les utilisateurs de la présence d'instructions importantes pour la fonctionnement et l'entretien (service) dans le livret d'instruction accompagnant l'appareil.

DATE OF MANUFACTURE

The date of manufacture of this Anchor Audio product can be determined by the seven or eight digit serial number code. The fifth and sixth digits from the right denote the year, the seventh digit (letter) from the right denotes the month (A=Jan, B=Feb, etc.) Example: "XD960083" states that the unit was manufactured in April of 1996. An "X" may or may not exist as the eighth digit (letter) and has no significance in the serial number or date code.

Specifications

Rated power output	60 watts continuous
Max SPL @ rated power	107 dB @ 1 meter
Frequency response	65 Hz - 15 KHz
Speaker type	6.5-inch woofer, high-output tweeter
Inputs	
Lectern Mic input	Lo-Z, balanced, phantom power, XLR
Auxiliary Mic input	Lo-Z, balanced, phantom power, XLR
Line input	Hi-Z, unbalanced, 1/4"-phone
Sensitivity for rated output:	
Microphone:	-52 dBV (2.5 mVrms)
Line:	-14 dBV (200 mVrms)
Outputs	
Mic output (post fader)	Lo-Z, transformer balanced, XLR
Line output (post fader)	buffer isolated, 1/4"-phone
Speaker output	60 watts @ 4 Ω , 1/4"-phone
General	
AC Power requirements	110 - 125 Volts AC, 50/60 Hz
Export model:	210 - 240 Volts AC, 50/60 Hz (40 VA nominal, 120 VA max)
Dimensions	
LP-500	49 x 24 x 21", 125 x 61 x 53 cm
LP-600M, LU-610	Top: 18 x 24 x 21", 46 x 61 x 53 cm Bottom: 31 x 24 x 21", 79 x 61 x 53 cm
LT-601M, LU-601	18 x 24 x 21", 46 x 61 x 53 cm
Weight	
LP-500	122 pounds, 55 Kg.
LP-600M	142 pounds, 64 Kg.
LT-601M	69 pounds, 31 Kg.
LU-610	130 pounds, 59 Kg.
LU-601	57 pounds, 26 Kg.

Specifications subject to change without notice.



Accessories

LC-650: Storage Cover (for LP-500, LP-600M, LU-610)

Full length padded cover with fabric liner. Zipper on each side for easy installation and removal.

MIC-90 Handheld Microphone (for Auxiliary Input)

Anchor's dynamic, balanced, low impedance microphone with a unidirectional pick-up pattern. It has a on/off switch and comes with a 20' cable and mic clip.

Options for Seville LU-610 and LU-601.

LM-618 Lectern Microphone

Electret microphone element on 18" gooseneck with male XLR connector. Includes wind-screen and snap-on stiffener. Requires phantom power.

ASM-A Microphone Shockmount Kit

Shockmount kit required for mounting lectern microphone to Seville models LU-610 and LU-601. Factory installed.

LL-615 Reading Light

Dual-intensity reading light. Factory installed.

Thank you for choosing an Anchor Audio portable sound system. Our products incorporate state-of-the-art design and the finest quality of materials and workmanship. We're proud of our products and appreciate the confidence which you have shown by selecting an Anchor system.

I hope you'll take a few of minutes to review this manual. We've incorporated several unique features into our products, and your knowledge of how to use them will enhance the performance and your enjoyment of the system.

David Jacobs, President on behalf of all Anchor employees



Quick Use Guide

A Seville lectern with a built-in sound systems has everything needed for a speech or presentation. It has inputs for music or an additional microphone, and an output that powers an external speaker. There's also a mic output which can be connected to a house system.

Here's how easy it is to use:

1. Position the lectern in front of the audience.
2. Set the lectern mic control (blue knob) to minimum.
3. Plug the gooseneck/microphone into the XLR jack located on the lectern top.
4. Plug the power cord into a standard AC outlet, then turn the unit ON—the red LED should light.
5. Slowly increase the lectern mic volume control to desired level, then adjust tone controls accordingly.

This owner's manual covers regular and wireless models of the Seville LP-500, LP-600M and LT-601M powered lecterns, as well as the LU-610 and LU-601 unpowered lecterns. If your unit has a wireless microphone system, see "Wireless Operation" on pages 8 and 9. And for more detailed usage instructions, see the "Operation" section on page 6.

Problems?
Consult the
troubleshooting
section on the
back page of
this manual.

Getting Started

Save the shipping carton and packing materials. They were specially designed to ship your unit safely.

Inspection and inventory of your system

Check unit carefully for damage which may have occurred during transit. Each Anchor product is carefully inspected at the factory and packed in a special carton for safe transport.

Inventory; LP-600M (LT-601M = top carton only)

Lectern Top carton

- top section with built-in sound system
- speaker grill
- lectern microphone
- warranty and registration card

Lectern Base carton

- base section
- (4) fasteners with 1/4"-20 x 2 1/4" bolt

Inventory; LP-500

- lectern with built-in sound system
- lectern microphone
- warranty and registration card

Inventory; LU-610 (LU-601 = top carton only)

Lectern Top carton

- top section
- warranty and registration card

Lectern Base carton

- base section
- (4) fasteners with 1/4"-20 x 2 1/4" bolt

All damage claims must be made with the freight carrier.

Notify the freight carrier immediately if you observe any damage to the shipping carton or product. Repack the unit in the carton and await inspection by the carrier's claim agent. Notify your dealer of the pending freight claim.

Returning your unit for service or repairs

Should your unit require service, contact your dealer or our Customer Service Department at (310) 784-2300 to obtain a Return Authorization (RA) number. All shipments to Anchor must include an RA number and must be shipped prepaid. *C.O.D. shipments will be refused and returned at your cost.*

Warranty registration

Please fill out the warranty card and return it with a copy of your invoice to Anchor's Customer Service Department. This will activate your limited two year warranty.

Wireless Operation

Replacing the transmitter battery

Note: The transmitter power switch must be in the OFF position!

HANDHELD: Unscrew the battery compartment cover on the lower end of microphone. Install a fresh 9 Volt alkaline battery* and replace the cover.

BODY-PACK: Press the "OPEN" end of the battery cover, slide it back and lift the cover. Install a fresh 9 Volt alkaline battery* being sure to observe proper polarity. Close the cover.

Operating the wireless microphone system

The audio signal from the built-in wireless receiver is fed into the mixing bus. The wireless mic may be used simultaneously with any of the other inputs.

Operating the wireless microphone system:

1. Set the Wireless volume control to minimum.
2. Turn the sound system power switch ON.
3. Slide the transmitter power switch to PWR.

The sound system's TX ON indicator lights to indicate wireless signal (RF) is being transmitted and received.

4. Adjust the Wireless control knob to desired volume.

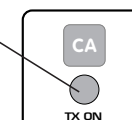
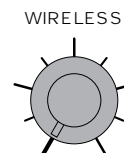
Caution: Harmful feedback may occur when walking in front of a sound system or speaker with a wireless microphone. Always point mic away from speakers.

Using the microphone ON/MUTE switch.

When set to the "ON" position the mic operates normally. To prevent unwanted sounds from being picked up without turning the transmitter off, move switch to "MUTE" position.

(The handheld mic/transmitter comes with a protective sleeve which fits over the power and mute switches to prevent accidental movement during use. To install it, unscrew the battery cover and slide the sleeve onto the microphone handle. Replace the cover.)

*Duracell MN1604 or equivalent.



Wireless Operation

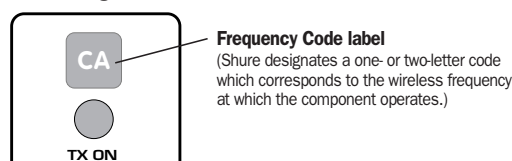


Setting up the wireless system

Checking the Frequency Code.

Before proceeding, you must first verify that the wireless frequency of your transmitter matches the frequency of the receiver installed in your Anchor sound system.

1. The control panel of the sound system should have the following label:



2. The frequency code must match the code found on the transmitter as described below:

HANDHELD: Unscrew the battery compartment cover on lower end of the microphone. Remove the battery (if installed) and check code on the label.

label on **handheld** mic/transmitter

SHURE BROTHERS INC.
LX2 HANDHELD TRANSMITTER
FREQUENCY CODE - **CA**
176.200 MHz

SHURE BROTHERS INC.
TX FCC ID: DD4L11
CANADA: 616 C9398
LX1 - **CA** 176.200 MHz

label on **body-pack** transmitter

BODY-PACK: Check the code on the label located behind the belt clip.

3. If the frequency codes don't match, locate the correct transmitter whose code matches the sound system.

About the transmitter battery gauge/indicator

Assuming a battery is installed in the transmitter, you can estimate the remaining operating time by sliding the power switch to the PWR position (*first turn the sound system off, or set the transmitter mute switch to the MUTE position*).

Observe the color of the LED indicator(s) that light up:

Battery LED Indicator

green
green & amber
amber
red

Operating Time

6 - 20 hours
4 - 6 hours
2 - 4 hours
< 1 hour

Operating times using a fresh 9 volt alkaline battery *Duracell MN1604 or equivalent.

Assembly and System Set-Up

Assembling the LP-600M and LU-610

1. Set the lectern top section into the recessed area on the lectern base.
CAUTION: *Don't slide the top across the moldings or damage may occur.*
2. Line up the holes on top of the lectern base with the threaded inserts on the underside of the lectern top.
3. Install the four screw fasteners through the holes and tighten to a snug fit—DO NOT OVER-TIGHTEN.
4. ***LP-600M only:** Install the speaker grill by aligning the fittings with the holes on the lectern front panel.

Caring for the wood surfaces

Clean the solid wood trim with an oil-based furniture polish, and the laminate surfaces with common household polish.

Feedback Information

What causes feedback?

Feedback is a ringing or howling 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. This can form a self-sustaining loop that can damage the sound system if allowed to continue.

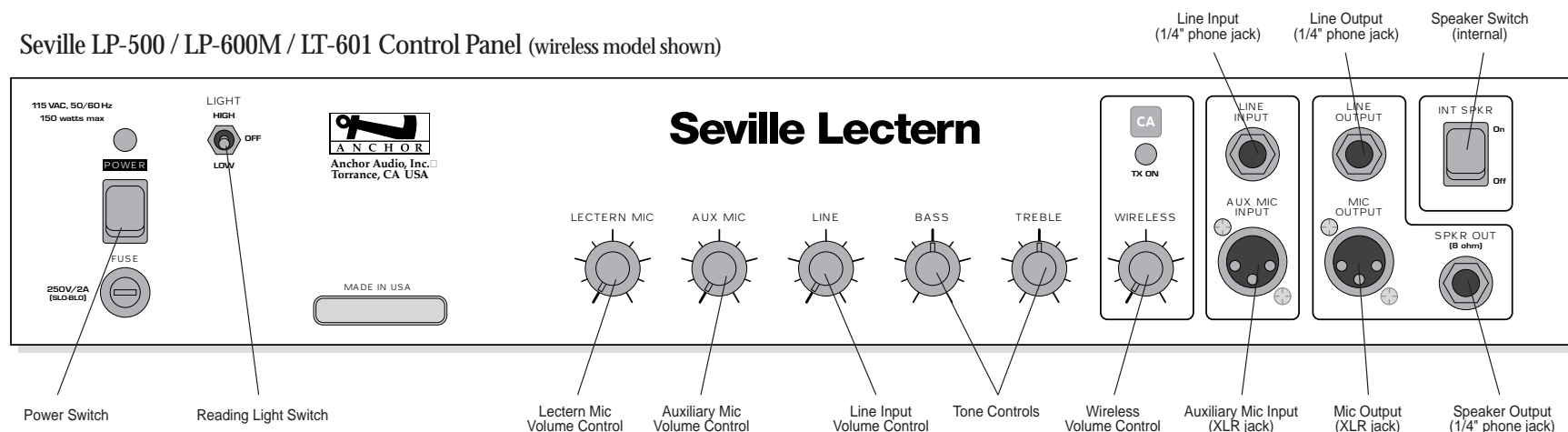
How to prevent feedback

ALWAYS STAND BEHIND THE SPEAKER
WHEN USING A MICROPHONE.

CAUTION: *Feedback can damage your equipment and may be hazardous to your hearing. To avoid feedback, always make sure volume controls are at minimum before turning unit on. If feedback occurs, immediately reduce the volume.*

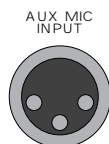
Operation

Seville LP-500 / LP-600M / LT-601 Control Panel (wireless model shown)



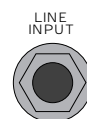
Operating the sound system

1. Position the lectern in front of the audience. When possible, elevate the lectern so the sound projects over the listeners in front (which keeps them from being over-powered by the sound).
2. Plug the gooseneck/mic into the XLR jack located on the lectern top and adjust the mic position (use the plastic stiffener to help hold the mic in place).
3. Set the lectern mic control (blue knob) to minimum.
4. Plug the power cord into a standard AC outlet.
5. Turn power switch ON—the red LED should light.
6. Speak into the microphone and adjust the lectern mic control to desired level. If feedback occurs, decrease the volume immediately.
7. Adjust tone controls for desired sound quality.



Auxiliary Mic Input

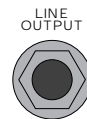
Use the auxiliary mic input for a second microphone. The input is balanced, low impedance and has phantom power for condenser type mics.



Line Input

The line input is used for playback of a tape or CD player, musical instrument, VCR or similar source. It can be used simultaneously with the mic inputs for a composite output.

Note: All auxiliary connections must be made with shielded cable to avoid hum, buzzing or radio interference.



Line Output

The line output signal is a composite of all the inputs. Use it to record your presentation, or to 'daisy chain' a powered sound system with the Seville for greater crowd coverage.



Mic Output

The transformer-balanced mic output signal is a composite of all the inputs. Where applicable, connect it to the input on your 'house' system using an XLR cable. To use the built-in speaker in addition to the house system, turn the INT SPKR switch 'On'.



Speaker Output

Use the speaker output to drive an external unpowered 8Ω speaker. The Seville's built-in speaker may be turned 'On' or 'Off' by setting the INT SPKR switch accordingly.

