Appendix F: Error Messages and Troubleshooting

Under certain circumstances, the meter display on the speaker will indicate an "error message." Following is a list of conditions that cause an error message to be displayed, and the corrective action required to cancel the error message.

LIST OF ERROR MESSAGES:

Error	Cause	Display Looks Like	Remedy
No Mic Found	Mic is not connected during RMC calibration	RMC button blinks and the meter lights sequentially from right to left	Press RMC to exit RMC. Connect mic and press and hold to calibrate.
RMC-Timeout	RMC process fails to complete.	All buttons blink and the meter lights sequentially from right to left.	Cycle power Off then On. Perform RMC. If problem persists then perform factory reset and repeat RMC calibration process.
RMC State	RMC process fails to complete	RMC and SOLO buttons blink and the meter lights sequentially from right to left.	Cycle power Off then On. Perform RMC. If problem persists then perform factory reset and repeat RMC calibration process.
Speaker ID Error	Improper DIP switch setting. Rear panel DIP switch on this speaker set to all switches off, or 2 or more speakers have same ID setting	All front panel buttons blink and the meter shows 5 segments moving back and forth on the speaker showing the error	Correct DIP switch settings.
Sync Signal Error	No digital signal found or loss of sync signal when the S/PDIF or AES/EBU digital input is selected.	The Input button will blink and the first meter LED will flash to show muted state	Confirm digital signal is connected.
MUTE	A speaker that is muted indicates mute is active. Speaker may be muted by pressing individual or system Mute button (in LSR4300 Control Center Software), or activating SOLO on another speaker.	First meter LED will blink. No other meter segments will be active.	Un-mute individual speaker or system mute, exit solo on other speakers.
Reset	Non-standard DIP switch configuration used to restore factory settings. This mode is entered by setting all DIP switches ON and re-powering the speaker.	All front panel buttons and meter flash rapidly to indicate reset.	Reset DIP switches so only a single DIP switch is active on each speaker and re-power.
Brown Out Condition	Supply voltage level drops below required voltage.	The following rear panel LEDs illuminate-"Analog", "AES/EBU", "CHB"	Disconnect and reconnect power cord. Frequent occurrence indicates inadequate supply voltage. This should be corrected with the application of an exterior power conditioning device.

Following is a list of common easily remedied issues. Consult this list if you are having any difficulties operating your speakers.

TROUBLESHOOTING LIST

Condition	Cause	Remedy
	Lack of network terminators	Install terminators in first and last speaker.
Volume setting seems low	DIM button on Remote Control is activated	Press DIM button on remote control to restore full volume. Caution – To prevent sudden jump in volume, lower the system volume setting prior to deactivating DIM control.
No Meter Display	Brightness control is turned down	Use the brightness control or hold +/- to enter the brightness mode, and push + until you have the brightness level you like.
The speaker will not output any audio, and the solo light on the front is blinking.	The Speaker is in SOLO mode.	In a networked system, press SOLO on the speakers that have their SOLO button blinking. If your system is no longer networked and the speaker is still muted, hard reset your loudspeaker.
I just finished connecting my system, but there is no audio.	Input selection is not set to match input source.	Make sure your input selection matches the inputs you are using (Analog, S/PDIF, AES/EBU).
I selected my digital input, but the audio keeps dropping out.	Poor connection, defective cable, or source is unstable.	Check connections and cables. Confirm you are using suitable cable of proper impedance. If cables and connections are OK, source may be unstable.
I am having trouble daisy- chaining my digital audio through multiple speakers.	Cable may not be suitable for digital application.	Make sure you are using cables per the S/PDIF and AES/EBU specification as described on page 39 in this manual.
My remote control doesn't work all of the time.	Batteries weak. Remote is not pointed at the receiver.	Make sure remote is pointed at the Front Left speaker (the speaker with LEFT DIP switch in the ON position).
My speaker will not power up. There are no lights at all anywhere on the speaker.	Speaker is not connected to power source or fuse is blown.	Confirm your speaker is connected to an active power source. Check the fuse. If blown, replace with the spare provided in the fuse holder in the IEC power connector. If speaker fails to power-up please call JBL Customer Service.
Upon boot –up, LSR4300 Control Center Sofware does not "recognize" connected speakers.	USB connection and/or Network cables not properly connected. Missing terminator.	Check all network connections to make sure the CAT5 cable is inserted all the way into each jack. Make sure you have two network terminators installed in your system so that all RJ485 jacks are in use. Confirm the USB cable from your computer is connected to the front left speaker (the speaker with LEFT DIP switch in the ON position).