

JL AUDIO®

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Technical Bulletin | CL-LSA: Solves OEM muting problems

Introducing: CL-LSA, Load-Sensing Adaptor

This passive device can be used when incorporating a CleanSweep® CL441dsp with an OEM audio system that has a form of "load-sensing protection".

Load-sensing protection in an OEM audio system is generally activated when there is too high of a load impedance on the output of an OEM source unit or amplifier, triggering a muting of that output.

This is generally discovered after an otherwise successful installation and calibration of the CL441dsp. Once the audio system or the car is turned off and then back on, the OEM radio or amplifier mutes. Unplugging and re-plugging the CL441dsp's OEM input will restore output temporarily.

To address this behavior of certain OEM systems, the CL-LSA is connected in-line between the CL441dsp "OEM INPUT CONNECTOR" jack and the OEM input harness included with the CL441dsp. Doing so presents a compatible load to the OEM audio output and prevents triggering the load-sensing protection behavior. There is no splicing needed, this is a direct "plug and play".



Once the CL-LSA has been connected in-line, it will be necessary to recalibrate the CL441dsp as the input level will be affected by the CL-LSA.



Please contact the JL Audio Technical Department at 1-888-JLAUDIO ext. 2561 with questions regarding the CL-LSA. For information on CleanSweep® installation and calibration, please refer to the CL441dsp Owner's Manual.

CL-LSA / CL441dsp Connection Diagram

