



LoC™ 22

Line Output Converter

POSITION:

The affordable, premium alternative to passive Line Output Converters. Achieving great audio in applications requiring attenuation of factory audio signals has never been easier.



Super-Tiny Size!
Fits just about anywhere!

SELLING POINTS:

#1 Ultra-Clean, Analog Circuit Design

- Designed by JL Audio Sr. Engineer Bruce Macmillan, with extreme attention to audio quality.
- Flat frequency response from 3 Hz - 32 kHz (+0, -1dB), at any signal level. Will not alter bass response like many passive LOC's do at high levels.
- Ideal for Full-Range or Low Frequency applications.
- <0.01% Total Harmonic Distortion + Noise at 2V RMS (1 kHz)
- 118 dB Signal-to-Noise Ratio (A-weighted, 20 kHz Noise Bandwidth, @ min. gain)
- 103 dB Signal-to-Noise Ratio (A-weighted, 20 kHz Noise Bandwidth, @ max. gain)
- 30 dB Gain Range, controlled by "Output Level" dial
- Regulated, switching MOSFET power supply

#2 High Voltage, Dual Load Impedance Inputs

- Differential-balanced inputs accept up to 40V RMS per channel, making the LoC™ 22 compatible with the most powerful factory amplifiers.
- Switchable Input Load, from 20 kΩ (High Z), to 60 Ω (Low Z). The "Low Z" setting is compatible with most factory amplifiers that employ impedance sensing to mute channels.
- Input connections via standard, removable Euroblock plug.

#3 High Voltage Line Outputs

- 8V RMS stereo line outputs (450 ohms output impedance)
- Standard RCA-type jack connections

#4 Auto Turn-On Circuitry

- Two methods of activation - DC Offset Sensing or simple Signal Sensing
- Provides 100 mA, 12 VDC turn-on output for amplifiers and other downstream electronics

#5 Super-Fast, Intuitive Setup

- A specially calibrated clipping indicator works with music or test tones to make level setting simple and easy.
- To set the level, all you do is:
 - 1) Play music or a test tone at 3/4 volume on the head unit that is feeding the LoC™ 22
 - 2) Increase the Output Level dial until the Clipping LED lights solid green. This corresponds to 2V RMS output.
 - 3) If you continue to increase the level, the Clipping LED will change to red above 8V RMS, indicating output clipping.