



# CL-8000

## Overview

**CL-8000** is a dual channel compressor/limiter/gate that features an auto-limit circuit and auto expander/gate function for eliminating noise floor during quiet sections. The unit provides a stereo/mono mode switch, input level selection (+4/ -10dBu) and balanced inputs and outputs. Other technical specifications of the **CL-8000** are: Bandwidth: 20Hz to 20kHz, +0/-0.5dB Noise: > -95dBu, unweighted, 22Hz to 22kHz. THD: 0.04% typically @ +4dBu, 1kHz, Gain 1.

## Specifications

### Input

Type: RF filtered, servo-balanced input  
Connectors: 2 XLR-3 and 2 1/4" Plugs  
Impedance: 50K Ohms balanced, 25K Ohms unbalanced  
Nominal Operating Level: +4 dBu / -10 dBV switchable  
Max. Input Level: +21 dBu balanced and unbalanced  
CMRR: Typically 40dB, > 55dB @1kHz

### Output

Type: Electronically buffered output stage

Connectors: 2 XLR-3 and 2 1/4" Plugs  
Impedance: 60 Ohms balanced, 30 Ohms unbalanced  
Max. Output Level: +21dBu balanced and unbalanced  
Bandwidth: 20Hz to 20kHz, +0/-0.5dB  
Frequency Response: 0.35 Hz to 200kHz, +0/-3dB  
Noise: > -95dBu, unweighted, 22Hz to 22kHz  
THD: 0.04% typically @ +4dBu, 1kHz  
IMD: 0.01% typically, SMPTE  
Crosstalk: < -100dB, 22Hz to 22kHz

Stereo Coupling: True RMS detection  
CMRR: > 60 dB @ 1 kHz

### Physical

Dimensions: 482x180x44 mm.  
/19x6.5x17.5 in.  
Weight: 2.2 Kg. / 4.4 Lbs.

### Electrical

Input voltage range: AC100–240V, 50-60Hz