



Summit Audio, Inc.

DCL-200 Dual Compressor-Limiter



The Summit Audio DCL-200 is a dual channel compressor/limiter with stereo linking capabilities. Based on a



hybrid design, the DCL-200 combines the most desirable sonic characteristics of vacuum tubes with the increased reliability of solid state devices. DCL-200 circuitry incorporates selected 12AX7A vacuum tubes with high reliability 990 op-amps in a transformerless signal path, giving you an incredibly clean, precise sound, with the overtones and warmth of tube technology.

Features Include

- Continuously variable attack and release times
- Adjustable threshold
- Variable slope (ratio)
- Output gain control
- Soft-knee transition characteristic
- Stereo link switch
- Dual true VU meters
- Side chain insert
- Bypass switch
- 3 year warranty*
- Hand crafted in the U.S.A.

Applications

- [Tracking, live sound, mixing](#)

Specifications

OUTPUT: +4 dBu corresponds to 0 VU. The output is electronically balanced or unbalanced using 990 discrete operational amplifiers. Output impedance is 75Ω . The recommended output load is 600. Maximum output level is +25 dBu.

INPUT: Electronically balanced XLR. Input impedance of $40\text{ k}\Omega$

FREQUENCY RESPONSE: 5 Hz to 70 kHz

NOISE: 80 dB below operating level, 10 Hz to 80 kHz (unweighted)

DISTORTION: Less than 0.05% at +4 dBu (unweighted)

ATTACK TIME: 0.1 mS to 100 mS

RELEASE TIME: 45 mS to 10

- [Compressing a stereo mix](#)
- [De-essing](#)
- [Ducking](#)

RELEASE TIME: 45 MS TO 10 S. Note: Attack and release times vary with the amount of gain reduction and are program dependent.

SLOPE: Adjustable from 1.1:1 to 7.1

GAIN CONTROL DEVICE:
Proprietary design

PANEL SIZE: Standard 19" by 3.5" (2 units of rack space)

DEPTH: 10.5" in addition to user's I/O cabling

POWER: 40 watts, 115 or 230 volts operation, 50 or 60 Hz

SHIPPING WEIGHT: 20 lbs. (9.07 kg.)