

Dual-Channel Audio Compressor/Gate

This dual-channel audio dynamics processor is designed for sound reinforcement, recording, and broadcast use. It features independent controls for threshold, ratio, attack, release, and output gain, allowing precise control over compression and expansion.



ADDITIONAL IMAGES



Product Overview

Professional Dynamic Control

This Dual-Channel Audio Compressor/Gate offers comprehensive dynamic signal processing for studio recording, live sound reinforcement, and broadcast applications. Featuring the classic AutoDynamic control, it provides smooth, musical compression characteristics while allowing for precise manual adjustments of threshold, ratio, attack, and release. The unit includes a dedicated noise gate section to effectively clean up signal paths, ensuring clarity and impact across both stereo and dual-mono configurations.

Key Features

Capabilities

Stereo/Dual Mono, AutoDynamic Control, Noise Gate, Balanced I/O, Rack-Mountable

Technical Specifications

Input Impedance

50 Kohm

Balanced

25 Kohm

Unbalanced

Output Impedance

60 ohm

Balanced

30 ohm

Unbalanced

Signal Integrity

Parameter	Value
Frequency Response	0.35Hz ~ 200KHz (+0/-3dB)
SNR	>-95dBu (22Hz-22KHz)
THD	0.04% @+4dBu, 1KHz

Processing Parameters

Compression Controls

- Threshold: -40 to +20dBu
- Ratio: 1:1 to ∞:1
- Attack: <1ms/100dB
- Release: 100ms/100dB

Noise Gate Threshold

Variable (off ~ 10dBu)

Connectivity

Max Signal Levels

21 dBu

Max Input

21 dBu

Max Output