

# 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