



3630 Compressor Product Overview



Product Description

Since its introduction, the 3630 Compressor™ has become the most popular dynamics processor ever made. The reason is easy to understand: it provides two independent full-featured compressor/ limiters in one rack space while offering excellent sonic quality for any application from studio recording to live sound or broadcast. The 3630 offers Ratio, Threshold, Attack and Decay controls to customize its compression response for even the toughest signals. You can also choose between RMS and Peak compression styles, plus Hard and Soft Knee dynamic curves for every application from subtle gain control to in-your-face punch. As an independent dual-channel compressor, the 3630 offers separate controls for two different source signals. Plus, two fully independent gates with threshold and rate controls allow you to easily and efficiently stifle unwanted ambient noise. Other advanced dynamics processing features such as precise signal metering, a sidechain for keying or ducking effects and stereo linkable operation make the 3630 the most powerful compressor in its class.

Specifications

(Each channel)

Input Impedance:

greater than 100k ohms, unbalanced

Max. Input Level:

10VRMS (+22dBu)

Dynamic Range:

118dB, A-weighted

Signal to Noise Ratio:

>100dB

Headroom:

18dB <0.05% @ +4dBu, A-weighted with 6dB compression, any switch setting, nominal attack and release times

Distortion:

<0.05% @ +4dBu, A-weighted with 6dB compression, any switch setting, nominal attack and release times

Threshold of Limiting:

-40dBu to +20dBu

Peak Mode Attack Time:

0.1ms - 200ms

Peak Mode Release Time:

50ms - 3S

Output Impedance:

470, unbalanced

Output Gain Control Range:

-20 to +20dB

Indicators:

12-segment gain reduction LED display with -1 to -30dB range, 12 segment LED input/output (selectable) level display with -30 to +6dB range, Gate open/close LEDs

Additional Controls:

Stereo/dual mono link switch, bypass switch

Input Connectors:

1/4" phone jack

Output Connectors:

1/4" phone jack

Sidechain Connectors:

1/4" TRS jack

Power Requirements:

External 9 VAC Transformer, UL and CSA Approved

Dimensions:

(WxHxD) 19"x1.75"x4"

Weight:

2.6 lbs.