



# RP262 Stereo Sonic Exciter

The RP262 Stereo Sonic Exciter is a two channel frequency compensation device designed to add life and animation to your sound. For recording applications, the RP262 provides crisp, clean, and animation to a final mixdown. DJs use the unit for the incredible "thump" and bottom end that is enhanced, as well as the crystal clear high end that's maintained. And the RP262 is used by those in live sound reinforcement situations to deliver the final touches on a perfect live mix.

## FEATURES:

- Restores signal's clarity and definition
- Automatic sound separation
- Precise control over low frequencies (bottom)
- Adjustable 18 dB/Octave Subwoofer filter and separate output
- 1/4", XLR and RCA inputs and outputs
- Calibrated LED bargraphs

## WHAT IS A SONIC EXCITER?

The human ear can detect a frequency range of roughly 20Hz to 20kHz. However, the frequency response that a normal speaker can effectively reproduce is much, much less. Additionally, speakers add distortion and phase changes that make the sound quite different from that of the original material.

A sonic exciter restores clarity and presence to the processed signal by correcting phase changes and harmonic structure differences. In other words, it puts the components of the sound back where they belong.

All of this magic is done by the use of all-pass filtering, frequency compensated gain adjustment, and compensated frequency domain delay. What this means to you is the elements of your sound are fanned out like a deck of cards, making each sound more audible and distinct, reducing the need for high volume and radical equalizer adjustment.

## SPECIFICATIONS

Frequency Response	20 Hz - 40 kHz
Input Impedance	10K $\Omega$ balanced 10K $\Omega$ unbalanced
THD + Noise	<0.07% typical
Noise Floor	-78 dB
Subwoofer Slope:	-18 dB/Octave
Max. Subwoofer Gain:	+20 dB
Indicators	Power LED Active LED 2: 5-segment LED level meters Sub Clip LED
Input/Output jacks	XLR balanced 1/4" unbalanced RCA unbalanced
Dimensions	1.75" X 6" X 19" (89mm X 162mm X 482mm)
Weight	6 lbs. (2.72 Kg)
Power	120VAC (230VAC) 15VA



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