



The NEW standard for high-end stereo effects processing...With Sampling!

The Eventide DSP7500 Harmonizer brand effects processor



Introducing the DSP7500 - A long-standing Eventide tradition is our "500" model series. The "500" models offer all the standard Ultra-Harmonizer processor features, and then some, and are priced to be exceptional values. The new DSP7500 Stereo Ultra-Harmonizer Effects Processor upholds that tradition beautifully. It's a DSP7000 to-the-max, featuring several hundred additional presets especially useful in post-production and broadcast applications, plus a 174 second (mono), 87 second (stereo) sampler with special presets which make it one of the most versatile samplers you've ever used. From superb time compression and expansion to auto-replacement of snare and kick drum tracks, you'll never run out of ways to use the capabilities of the DSP7500 processor.

DSP7000, DSP7500, and DSP4000B+: Specifications\*

Sample Rates	96, 88.2, 48, 44.1, KHz External
Digital Inputs/Outputs	2 AES/EBU or SPDIF at 44.1 to 96KHz
<b>Analog Inputs</b>	24 bit conversion. Any combination of 2 XLR (20kohms bridging) or 2 mono jacks (150kohms)
Impedance	>20kOhm, Bridging
Full Scale Input Level	26dBu
Dynamic Range	>105dB
Signal to Noise Ratio	>105dB A-weighted
THD+N	<.0025%@ 1kHz, -3dBFS

# Eventide DSP7500 Harmonizer

Crosstalk	<-100dB @ 20Hz to 20 kHz, -3dBFS
Frequency Response: +0/-0.1dB @ sample rate:	44.1KHz: 20Hz-20kHz, 48kHz: 20Hz-22kHz 88.2kHz: 20Hz-41kHz, 96kHz: 20Hz-44kHz
Frequency Response: +0/-3.0dB @ sample rate:	44.1KHz: 5Hz-21kHz, 48kHz: 5Hz-23kHz 88.2kHz: 5Hz-42kHz, 96kHz: 5Hz-46kHz
<b>Analog Outputs</b>	XLR balanced
Impedance	<50Ohm
Full Scale Output Level	26dBu
Dynamic Range	>105dB
Signal to Noise Ratio	>105dB A-weighted
THD+N	<.0025%@ 1kHz, -3dBFS
Crosstalk	<-100dB @ 20Hz to 20 kHz, -1dBFS
Frequency Response: +0/-0.1dB @ sample rate:	44.1KHz: 10Hz-20kHz, 48kHz: 10Hz-22kHz 88.2kHz: 10Hz-41kHz, 96kHz: 10Hz-44kHz
Frequency Response: +0-3.0dB @ sample rate:	44.1KHz: 5Hz-21kHz, 48kHz: 5Hz-23kHz 88.2kHz: 5Hz-42kHz, 96kHz: 5Hz-46kHz
Bypass Relay	AES and AUDIO signals bypassed at power down
Remote Control Inputs	Up to 2 foot pedals (or 5V control inputs) or 6 footswitches or combination
Remote Control Outputs	2 isolated relay closures, rated 1A at 30VDC
MIDI Connections	5 pin DIN Output and Thru 7 pin DIN Input with Output capability
Memory Card Interface	68 pin PCMCIA 2.0/JEIDA 4.0 Supports type 1 SRAM cards up to 4MB for data storage
Factory Preset Capabilities (at 48K sampling)	Pitch Shifting: up to 11 voices Compressor/Limiter: up to 4 instances Equalization: up to 128 bands parametric single input, 64 bands at 2 channels
Sampling with time compression/expansion (48K)	Up to 174 seconds mono (DSP 7500 only)
Digital Delay	Up to 87 seconds mono IN ADDITION to any installed sampler
Power	100 watts, 100-130V, 220-240V, 50-60Hz
Size	Inches: 3.5H x 19W x 12.5D CM: 8.9H x 48.3W x 31.7D
Weight	12 pounds (5.5Kg) net 17 pounds (8Kg) shipping

\* specifications subject to change without notice or obligation

