

specs



Frequency Response: 20Hz-20kHz, ± 1 dB

Dynamic Range: >90 dB A wtg., 20Hz-20kHz

Distortion: .009% @ 1kHz, nominal level (-12 dBfs)

Inputs: Number of Channels: 2

Nominal Level: -10dBV, adjustable to +4dBu

Maximum Level: +10dBV

Impedance: 1M Ω per channel in stereo

A/D-D/A Conversions:

Conversion Scheme: 18 bit Sigma Delta

Oversampling: 128 times (A/D), 8 times (D/A)

Processor Speed: 3 Million instructions per second

Sampling Frequency: 46.875kHz

Outputs: Number of channels: 2

Maximum Level: +10dBV

Impedance: 220 Ω

Front Panel: Controls: Input Level, Mix Level,

Output Level, Program Selection, Adjust.

Indicators: Dual-colored Level Peak LED

Power LED

Rear Panel: Bypass Jack: 1/4"

Input Left and Right: 1/4"

Output Left and Right: 1/4"

Power: 5.5mm Barrel Jack

Power Requirements: 9 VAC

5 Volt Amps external Transformer

UL and CSA Approved

Dimensions: (WxHxD) 5.5"x1.5"x4.5"

Weight: approx. 1.25 lbs.

NanoVerb



Powerful, Great-Sounding Effects

The NanoVerb provides a collection of powerful

digital effects - reverb, delay, chorus

and more - in a unit so compact, you can take it to the

back of your glove compartment. But it's the NanoVerb's sonic quality

that makes it a valuable component of your effects system.

Its sixteen versatile, great-sounding programs allow you to easily

create excellent effects for every kind of music, and its advanced

digital processing technology makes NanoVerb the best-sounding

low-priced effects unit available today.



The Technology

The NanoVerb's great sound starts with its powerful nerve center, a custom integrated circuit designed for digital signal processing.

This 24-bit chip is a highly advanced processor, operating at three million instructions per second. The power and speed of this DSP allows the NanoVerb to process intricate digital audio data with the speed and precision required for complex, professional-quality effects. Together with the NanoVerb's

18-bit A/D and D/A converters, the internal processor ensures an incredibly clean, quiet

signal from the inputs through to the

outputs. Also, NanoVerb's effects algorithms are the latest from Alesis'

crew of world-class programmers that brought you the sounds of the QuadraVerb 2™ and the MidiVerb® 4. Add it all up, and you get the high-end effects you expect from professional processors with a price tag everyone can afford.



As

offers ten incredibly clean, superbly crafted reverbs...halls, plates, nonlinear (gated reverb) program. Try a nonlinear (gated reverb) program. Try a

your classical piano, or sing into a bounding plate reverb, or play

in a warm, reflective NanoVerb's reverbs are

inherently musical, the depth and they provide and source.

Program and you'll find the change programs. To reverb's chorus, we put reverb's chorus, we put

crete chorus algorithms left and right channels for stereo performance. The flange is great

hythm guitars and dynamic keyboard textures. NanoVerb's delay program. It's perfect for lead vocals as well as shredding guitar solos. Plus, you can customize this program for just about any tempo, changing fast slapback to a lengthy echo with a turn of the Adjust knob.



Turn the dial again to discover NanoVerb's multieffects capabilities. The first program is a combination of our famous room reverb and a sweet chorus. The second multieffect is yet another stereo chorus with delay and reverb added. Both programs are excellent for any application where layered effects are needed, like funky guitars or synth pads.

The last program on the list is an incredibly powerful rotary speaker simulator. It emulates the classic sound made famous by big, beefy organs, and sounds as good on keyboards as it does on guitar. In fact, NanoVerb's rotary program is so good, it may be worth the price of the entire unit for this effect alone.

The Flexibility

NanoVerb lets you alter each effect program for your own applications. While most low-priced processors limit their effects to preset programs, NanoVerb provides a versatile Adjust knob so you can change program parameters like reverb decay time, delay repeat time, rotary speaker speed and more. You even get a Bypass footswitch input to turn effects off and on while your hands are full...a cool feature for stage or studio. When your solo starts, you can launch your favorite reverb, delay, chorus or other program, all without taking your hands off of your guitar or synthesizer.

Effects and Program Adjust Parameters

In the chart below, each of the NanoVerb's sixteen programs are listed on the left, and the parameter that can be altered with the Adjust knob is shown on the right.

HALL 1	Reverb Decay
HALL 2	Reverb Decay
HALL 3	Reverb Decay
ROOM 1	Reverb Decay
ROOM 2	Reverb Decay
ROOM 3	Reverb Decay
PLATE 1	Reverb Decay
PLATE 2	Reverb Decay
PLATE 3	Reverb Decay
NONLINEAR	Gate Length
CHORUS	Chorus Rate/Depth
FLANGE	Flange Rate
DELAY	Delay Time
CHORUS/ROOM 1	Reverb Decay
CHORUS/ROOM 2	Delay Speed
ROTARY	Rotary Speed

