

DEP-3 DIGITAL EFFECTS PROCESSOR

Roland introduces the new DEP-3 Digital Effects Processor—one of the most cost effective digital reverb units available today. Succeeding the SRV-2000 Digital Reverb (an indispensable tool for today's professional musicians and recording engineers) and the DEP-5 Digital Effects Processor (a versatile multi-effects device), the DEP-3 offers professional sound quality and a price affordable enough for all musicians and home recording enthusiasts.

The DEP-3 incorporates the digital reverb, delay, and equalization functions of the popular DEP-5, one of today's most popular effects devices.

28-Bit Digital Signal Processor

As with the professional-quality SRV-2000, the DEP-3 features a sixteen-bit linear A/D-D/A converter for analog-digital conversion (same as the compact disk players) and a 28-bit parallel-operation digital signal processor for reverb simulation. Any kind of acoustic environment can be simulated with an exceptional sound clarity.

Reverb Selection

The DEP-3 offers eleven operation modes: three Room, three Hall, and two Plate modes for reverb simulation, as well as one Delay mode and two Non-Linear modes (Normal and Reverse) for delay and gated reverb effects.

Reverb Selection Number	Operation Mode	Sound Characteristics
1	Room 1.0	Room: Sharp, broad reverberation. The high-density reverberation thickens the sound. You can select one of three room sizes (cubes from 1 to 15 meters on a side).
2	Room 7.0	
3	Room 15	
4	Hall 15	Hall: Warm reverberation. The sound is beautifully sustained and more spacious than the sound produced by a Room mode. Three hall sizes (cubes from 15 to 26 meters on each side) are available.
5	Hall 22	
6	Hall 26	
7	Plate A	Plate: Bright, brilliant reverberation. Two different modes are available.
8	Plate B	
9	Delay	Delay: Produces a delay from 2 to 500 ms.
10	Non Linear (Normal)	Non Linear: Produces a non-linear or gated reverb effect that abruptly cuts the reverb sound when the set gate time (10 to 450 ms) has elapsed. Two non-linear modes (Normal and Reverse) are provided.
11	Non Linear (Reverse)	

You can select one of the eleven modes by simply rotating the Reverb Select knob. Once an operation mode is selected, the DEP-3 automatically sets the early reflection characteristics (the attack level, attack time and density) and the reverberation density optimum to the selected operation mode. You can thus obtain natural, realistic reverberation effects with extremely simple operation.