



PEAVEY[®]
ARCHITECTURAL ACOUSTICS

DPS™ 1000

Digital Production System

Specifications

Specifications

Tape Deck

Frequency Response
40 Hz to 14 kHz +/-3 dB

Signal to Noise Ratio
50 dB

Distortion
<3% @ 0 dB

Wow and Flutter
< .07%

Low Impedance Microphone

Frequency Response
20 Hz to 14 kHz +/-3 dB

Equivalent Input Noise
-114 dB

High Impedance Microphone

Frequency Response
20 Hz to 14 kHz +/-3 dB

Equivalent Input Noise
-124 dB

CD Input, AUX Input

Frequency Response
20 Hz to 14 kHz +/-1 dB

Signal to Noise Ratio
> 75 dB

Distortion
< .08%

Pitch Shift

+/-3 half steps

Tempo Control

Transport 1 +4.5%, -14%

Features:

- Two full computer logic transports
- Digital key transposition (pitch control)
- Professional quality (16-bit) digital effects
- Reverb
- Chorus
- Echo
- Vocal enhancer
- Music search function available on both transports simultaneously
- Four input sources: CD, AUX, Tape 1, Tape 2
- "Tempo" tape speed control for Transport 1
- Separate bass and treble controls for the music
- Separate bass and treble controls for the vocals
- Two low impedance (professional XLR style) inputs
- Two high impedance microphone inputs (1/4")
- Vocal eliminator
- Vocal insert (patch point)
- Remote footswitch control
- Transformer balanced output

DESCRIPTION:

The DPS™ 1000 is a digital production system. The DPS 1000 has 2 tape transports and provides input sources for CD and Auxiliary inputs. The DPS 1000 allows playback on the tape 1 transport and playback and record on the tape 2 transport.

The DPS 1000 provides tempo speed control for the tape 1 transport from +4.5% to -14%.

The DPS 1000 has a digital key transposition (pitch shift) that allows you to change the pitch of the vocals from +3 to -3 half-steps.

The lower control panel of the DPS 1000 is divided into 2 sections, the music and voice sections.

The music section of the DPS 1000 has 5 playback modes: normal, vocal eliminator setup, vocal eliminator, background l (left), and background r (right), selectable with the vocal eliminator button.

This section also has the master level control, music level control, balance control, headphone jack, and separate bass and treble controls for the music.

The DPS 1000 has a record level control with normal and overload indicators.

The voice section of the DPS 1000 has separate bass and treble controls for the vocals, digital stereo effects, echo, rate, and reverb.

This section has the vocal enhancer and microphone input level controls.

The DPS 1000 has a main output, transformer balanced output, remote footswitch control, and low Z (XLR) inputs, along with phantom power for the low Z inputs, located on the rear of the unit.

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The digital production system shall have two full computer logic tape transports.

It shall have digital key transposition (pitch shift) for all input sources. The digital key

transposition (pitch shift) shall be +/-3 half steps.

It shall have 16-bit digital effects. The effects shall be: Reverb, Chorus, and Echo.

It shall have a vocal enhancer.

It shall have a Music search function. It shall be able to perform the music search function on both transports simultaneously.

It shall have CD and Auxiliary input sources.

It shall have a tempo speed control for one transport. The tempo speed control shall range from +4.5% to -14%.

It shall have separate bass and treble controls for the music.

It shall have separate bass and treble controls for the vocals.

It shall have 2 low impedance (XLR) type inputs located on the back. It shall provide phantom power.

It shall have 2 high impedance (1/4") type inputs located on the front.

It shall have a vocal eliminator.

It shall have a vocal insert (patch point).

It shall have a remote footswitch control.

It shall have a transformer balanced output.

The transports shall have a frequency response of 40 Hz to 14 kHz +/-3 dB. The signal to noise ratio shall be 50 dB. The distortion shall be less than 3% @ 0 dB. The wow and flutter shall be less than .07%.

The low impedance inputs shall have a frequency response of 20 Hz to 14 kHz +/-1 dB. The equivalent input noise shall be -114 dB.

The high impedance input shall have a frequency response of 20 Hz to 14 kHz +/-1 dB. The equivalent input noise shall be -124 dB.

The CD and Auxiliary inputs shall have a frequency response of 20 Hz to 14 kHz +/-1 dB. The signal to noise ratio shall be greater than 75 dB. The distortion shall be less than .08%.

The digital production system shall be capable of

mounting in a standard 19" rack requiring 8.712" of height, the equivalent of 5 rack spaces.

The unit shall weigh 19 lbs. with dimensions 16.750" wide x 8.712" high x 9.172" deep.

The unit shall have a single line cord with a 3 prong plug. It shall operate on 120V AC, 50/60 Hz, and consume 100 watts.

The published specifications shall be met or exceeded.

LIMITED WARRANTY

Peavey Electronics Corporation warrants to the original purchaser of this new Architectural Acoustics™ product that it is free from defects in material and workmanship. If within one (1) year from date of purchase a properly installed product proves to be defective and Peavey is notified, Peavey will repair or replace it at no charge. (Note: Batteries and patch cords not covered.) "Original purchaser" means the customer for whom the product is originally installed.

Damage resulting from improper installation, interconnection of a unit or system of another manufacturer, accident or reasonable use, neglect or any other cause not arising from defects in material and workmanship is not covered by this warranty. The warranty is valid only as to products purchased and installed in the United States.

THIS LIMITED WARRANTY IS IN LIEU OF ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. UNDER NO CIRCUMSTANCES WILL PEAVEY BE LIABLE FOR ANY LOST PROFITS, LOST SAVINGS, INCIDENTAL DAMAGES OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH

DAMAGE. THIS LIMITED WARRANTY IS THE ONLY EXPRESSED WARRANTY ON THIS PRODUCT, AND NO OTHER STATEMENT, REPRESENTATION, WARRANTY, OR AGREEMENT BY ANY PERSON SHALL BE VALID OR BINDING UPON PEAVEY. Peavey's liability to the original purchaser for damages for any cause whatsoever and regardless of the form of action, is limited to the actual damages up to the greater of Five Hundred Dollars (\$500) or an amount equal to the purchase price of the product that caused the damage or that is the subject of or is directly related to the cause of action. This limitation of liability will not apply to claims for personal injury or damage to real property or tangible personal property allegedly caused by Peavey's negligence. For information on service under this warranty, call a Peavey customer service representative at (601) 483-5376.



Features and specifications subject to change without notice.

A Division of **Peavey Electronics Corporation**

711 A Street, P. O. Box 2898, Meridian, MS 39302-2898 / (601) 483-5376 / Telex: 504115 / Fax: (601) 484-4278

©1991

#80301526

Printed in U.S.A. 7/9