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DPS II - Digital Preamplifier System Overview



The DPS II updates the latest ART advances in Tube Microphone Preamps. The DPS II adds continuously variable input impedance, LED input meters, auto mic/instrument switching, OPL™ (Output Protection Limiting) flexibility and more tube warmth to the DPS

II.

Twin high performance discrete preamplifiers with local feedback are coupled with our flexible V3™ (Variable Valve Voicing) 12AX7A gain stage (which delivers both flexibility and consistency in settings) and choice of analog and digital outputs.

The new enhanced mic preamp can accept +20dB peaks while maintaining over 120dB dynamic range and incredibly low distortion. A LED input meter, monitors the signal level of the input amplifier.

The auto-switching input allows the DPS II rear inputs to stay patched in while you use the front panel instrument inputs.

Enhancements to our legendary tube stage maintain our classic "warm sound" and add additional tube voicings specifically tailored to vocal, guitar, bass, and acoustic instruments making this an incredible DI box. The enhanced OPL is available to control overshoots and normalize levels before digital clipping occurs.

A versatile insert loop on each channel provides access for additional signal processing or direct access to our high quality A/D converter. Separate gain controls on analog and digital outputs allow you to optimize the unit for simultaneous applications.

Digital outputs include S/PDIF, TOSLINK or ADAT (front panel selectable). The A/D is front panel adjustable from 44.1 to 96K or syncs to ADAT or external word clock (32KHZ to 100KHZ). You can patch into any ADAT stream and select which pair (or all) of channels the DPS II transmits.

The DPS II also features ART A-to-D digital conversion and ART Tube Technology similar to that of the ART DI/O Preamp System. This ensures that when you are going from the analog preamplification to digital, your signal will be as warm and musical as you decide it to be.

Ask your ART representative about the DPS II. The DPS II does digital right!

DPS II - Digital Preamplifier System Features

- Variable Input Impedance
- 24bit/96KHz A-to-D Conversion
- Improved V3™ Variable Valve Voicing Presets
- LED Input Meter
- Analog Output Meter
- Enhanced ART Tube Technology Warms the Conversion
- Automatically switches between instrument and mic preamp
- Wide Frequency Response (5hz/50kHz)
- Enhanced OPL™ Output Protection Limiter