

# DI/O Preamp System II

DI/O PREAMP SYSTEM WITH VARIABLE VALVE VOICING AND DIGITAL CONNECTIVITY



The DIO Tube Preamp System 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 flexibility and more tube warmth to the DPS.

Twin high performance discrete preamplifiers with local feedback are coupled with our flexible 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 pre-amp 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 DPSII 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 Output Protection Limiting (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 DIO Preamp System transmits.

The DI/O Preamp System also features ART A to D digital conversion and ART Tube Technology similar to that of the ART DI/O. 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. The DPS does digital right!

The DIO Preamp System was conceived, designed and manufactured to the highest standards to provide years of quiet, reliable performance. Audition one

## APPLICATIONS:

Professional and Project Recording Studios, Computer and hard disk recording applications, and any situation requiring superior tube preamplification and digital interaction.

Features and specifications subject to change without prior notice.  
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ART  
APPLIED RESEARCH AND TECHNOLOGY

## FEATURES:

Variable  
Input  
Impedance

24bit/96KHz  
A to D Conversion

LED  
Input Meter

Analog  
Output Meter

Enhanced  
ART Tube  
Technology  
Warms the  
Conversion

Automatically  
switches  
between Instrument  
and Mic preamp

Wide Frequency  
Response  
(5hz / 150 kHz)

Enhanced  
"OPL" Output  
Protection  
Limiter

Variable  
Valve Voicing