

# DIGITUBE

Mono Tube Preamp/Equalizer with Digital Output



The PreSonus DigiTUBE is a single-channel, hybrid, tube stage/solid state microphone preamplifier with a three-band, sweepable EQ and 24-bit digital output. The DigiTUBE is a perfect add-on mic-preamp for the studio on a budget that demands high quality audio solutions. The DigiTUBE provides the best of both worlds; a clean, pristine dual servo gain stage and a tube drive stage that can warm up the chill of digital audio. The S/PDIF output allows the DigiTUBE to be used with any soundcard, digital console or DAW.

Born from our award winning BlueTUBE, the DigiTUBE provides 70dB of gain with 22dB of headroom. The EQ section is three-band fully sweepable with overlapping bands for maximum tone shaping. DigiTUBE uses a combo Nuetrak™ connector that accepts XLR mic level or 1/4" instrument level boasting a 1 meg-ohm impedance; perfect for plugging in an electric guitar or bass. In addition to the S/PDIF digital output, the DigiTUBE offers XLR analog output and a TRS insert point for patching in a compressor or other outboard effect unit. The DigiTUBE provides 48V phantom power for powering condenser microphones, a 20dB pad and an 80Hz rumble filter.

The DigiTUBE is a half-rack space, rugged, all steel chassis unit that can be rack mounted with the optional BMRA rack kit. The BMRA accepts two of our half-rack units. The power supply is an external wall mount unit.



## kill the chill of digital audio

### DigiTUBE Features

- Tube preamp with 70dB of Gain and 22dB of Headroom
- Fully sweepable Three Band EQ with Bypass Switch
- Insert Point after Mic Preamp for Patching in a Compressor/Limiter or other Outboard Device
- 24-bit Digital Output via S/PDIF
- Word Clock Input and Output via BNC Connectors
- Rackmountable via optional BMRA Rack Adaptor

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## Technical Specifications

### Input

XLR Impedance .....5k W  
High Z " Impedance .....1Meg W  
Connector .....Neutrik™ Combo

### Front Panel Controls

Tube Drive .....0dB to +30dB  
Gain .....0dB to +40dB  
-20 dB Pad  
+48V Phantom Power  
EQ In/Out Selector  
80Hz High Pass Filter  
Low EQ Band (+/-12dB) .....30Hz-1kHz  
Mid EQ Band (+/-12dB) .....900Hz-5kHz  
High EQ Band (+/-12dB) .....3kHz-15kHz

### Rear Panel Controls

Sample Rate Selector .....44.1kHz/48kHz  
Internal/External Clock .....44.1kHz/48kHz only  
BNC External Clock Input

### Output

Analog XLR Balanced .....51W Impedance  
Analog 1/4" TRS Insert .....Tip = Out  
Ring = In  
Sleeve = GND

Digital S/PDIF (RCA Connector)

### Meters

Power Indicator LED  
8 Segment LED .....-28dBu to +18dBu

### Power Supply

Power .....15W  
Type .....Linear  
Input .....18VAC/1000mA

### Performance

THD+Noise (Unweighted) .....0.05%. at 0dB Tube Drive .....  
10% at 30dB Tube Drive  
Noise Floor .....-94dB  
Signal To Noise .....>90dB  
Power Supply Rejection .....>98dB  
Amplifier Type .....Dual Servo

### Physical

Weight .....8lbs.  
Dimensions .....8" x 5" x 1.75"  
Mounting .....Universal Rack Tray Insert  
Chassis .....Steel  
Panel .....Brushed Aluminum

