

Order No. R700 0115



The PowerTube is a 12AX7 equipped tube microphone preamp that delivers 140 Volts to the plate for optimal tube performance. The signal path begins with a convenient front-panel XLR for easy connection in any studio. A Jensen transformer coupled input produces the warm Bessel curve that has made Jensen a legend. The signal then passes through the tube-stage and 100% discrete class-A output stage to deliver over +65dB of gain. Separate trim and level controls make it easy to optimize signal to noise. Drive the PowerTube into the red for fun. A 10 segment LED bar graph delivers clear and precise monitoring. This is augmented with an Air EQ that adds presence to voice and a low-pass filter to eliminate unwanted low-frequency resonance. These features combine to make the PowerTube a spectacular choice for all microphones.

FEATURES

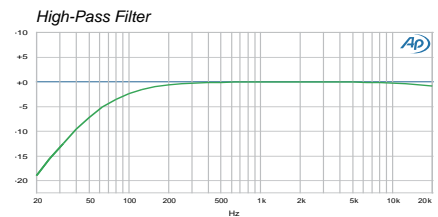
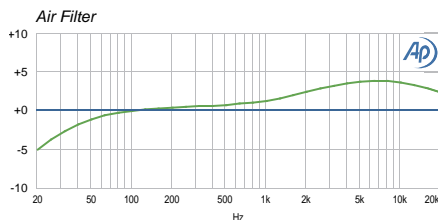
- High voltage 12AX7 tube gain stage
- Jensen transformer coupled input
- 100% discrete with over +65dB gain
- 10 segment LED bar-graph indicator

APPLICATIONS

- The most demanding studio recording
- Warming up tracks by using the tube
- Adding character & grit to the voice
- Direct instrument recording with Omniport

COOL FACTORS

- Single space 500 series design
- Fits in all 'Lunchbox' type racks
- Sounds absolutely amazing
- Built in filters to optimize signal path



- FULL ENCLOSURE** - 100% steel casing reduces magnetic interference from other nearby modules that may cause pollution.
- 10 SEGMENT LED** - Provides visual signal status as it monitors peaks to deliver a clean, distortion-free signal to the mix buss and recording system.
- TRIM** - Control lets you set the input level going to the tube and class-A circuit. Set low for least distortion or high to add harmonic content.
- 180° POLARITY** - Use to phase-align two signals for improved stereo imaging or as a creative element during the recording process.
- GAIN** - Lets you adjust the overall drive circuit. When pushed hard, the PowerTube adds character and harmonics to the signal path.
- AIR** - High frequency lift used to gently add presence to the signal path for more shimmer and clarity.
- FILTER** - 80Hz high-pass filter removes low frequencies to help eliminate excessive bass. It is particularly useful when layering acoustic tracks.
- 48V** - Phantom power for condensers is equipped with power-on LED and recessed to prevent accidental use that could damage older ribbon mics.
- MIC INPUT** - XLR female connector is conveniently located on the front panel and placed at the bottom to keep the cable out of the way.
- OMNI-PORT** - Rear mounted 1/4" instrument input, allows guitar and bass to be recorded direct. Available when used with Radial Workhorse racks.



- POWER ASSIGN SWITCH** - Toggles the current draw from the positive to the negative rails enabling multiple PowerTubes to be used without power sag.
- JENSEN TRANSFORMER** - Jensen input transformer delivers near perfect frequency response and exceptionally low noise making it ideal for tube preamps.
- HIGH VOLTAGE TUBE** - Employs a select 12AX7 tube with a non-radiating charge-pump power supply to deliver 140 volts to the tube plates.
- 100% DISCRETE CLASS-A** - Output stage combines with the transformer and tube to deliver 65dB of gain making the PowerTube ideal for just about any microphone.



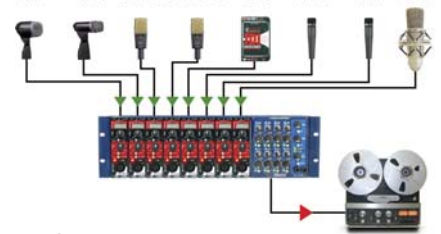
STUDIO VOCAL CHANNEL STRIP

The PowerTube is the ultimate front end for your finest studio microphone. The Jensen transformer-coupled front end quietly delivers the full audio spectrum into the class-A tube drive circuit for spectacular results.



PowerTube ON BASS

Nothing sounds bigger and warmer than a tube! Connect your bass to the Omniport instrument input on the Workhorse, Cube or Powerstrip. Feed the PowerTube into a Komit compressor for dynamic control and then a JDX amp & speaker simulator to capture the sound of a 4x12 half stack.



LIVE RECORDING

The single wide design and innovative powering scheme allow you to use eight PowerTubes in the Workhorse without sacrificing dynamic range. This makes it perfect for the most demanding live music recording sessions.

