



PELUSO P-280

Large Diaphragm Condenser Vacuum Tube Microphone

bringing vintage sound to new life

The P-280 delivers an ultra-high resolution signal, crystal clear low noise-floor and vacuum tube warmth. The perfect combination for today's demanding recording environments. The P-280 employs our unique tube/FET combination amplifier stage to achieve the quietest noise-floor we've ever encountered in a tube microphone. The miniature pentode tube keeps the circuit's signal warm and pleasing, never brittle or strident. The even frequency response, crisp detail, and dead quiet noise floor bring astonishing results from almost any source. It has an assertive gain level, and easily handles very high SPL sources. A balanced output achieved through a generously sized output transformer. We used our rugged and reliable screw-on 8-pin cable connector. The body and head grille are machined brass with a sleek black finish. The new Peluso P-280, a new standard for today's widely diverse signal chains.

Features of the P-280:

- Center-terminated large diaphragm capsule
- Dual back-plate three wire capsule
- Ultra high resolution
- Crystal clear low noise-floor
- Vintage glass EF pentode vacuum tube
- Unique Peluso FET-tube combination amplifier
- Heavy-duty 8-pin screw-on connector
- Designed, engineered, and built in Virginia
- Custom transformer output
- All metal double-mesh head grille

Technical Data:

- Capsule: 34mm condenser pressure gradient
- Frequency range: 20Hz/20Khz
- Polar patterns: 9 - Switchable from omni- to bi-directional
- Sensitivity: 27 mv/pa
- Impedance: 200 ohms
- SPL: 149 dB
- Equivalent Noise: 6 dB(A)
- Tube Type: 5654W / EF95
- Power Requirements: Dedicated power supply, 115V or 230V AC
- Size: 51mm x 205mm
- Weight: 640 g

Warranty:

Peluso Microphones come with a full three-year warranty covering materials and workmanship, including tubes. Full details on our website!

Applications:

There are countless uses for any LDC microphone. Our clients report the following as a few of their favorites:

- Male and female vocals
- Acoustic guitar
- Guitar amp
- Bass
- Drums
- Horns

How will you use your P-280 mic?

Microphone Kit Includes:

- P-280 microphone in a wood box
- 8-pin microphone cable
- Power supply
- Shock mount and hard mount
- Locking flight case



Peluso Microphone Lab, LLC

Background image courtesy of Molly Tuttle & Rick Krajnyak