



# PELUSO P-24

Stereo Large Diaphragm Condenser Vacuum Tube Microphone Kit

*bringing vintage sound to new life*

The Peluso P-24 Tube Microphone is styled after one of the rarest and most unique vintage microphones, the legendary "AKG C 24." The P-24 hosts two complete larger diaphragm condenser vacuum tube microphone systems within a single microphone body. The upper capsule is capable of rotating 180 degrees providing for quick coincident capture in X-Y, Mid-Side, and Blumlein techniques. Both the lower(1) and upper(2) capsules have 9 independently selectable polar patterns controlled remotely at the microphone power supply. The two signal chains run independently through individual high impedance circuit boards and isolated custom transformers, both powered by a single vintage 6072AM glass triode vacuum tube. The architecture of the P-12 and the P-24 (as with the C 12 and C24) are nearly identical. Subtle differences come from running both circuits through the single 6072AM tube, yielding a better low-end response and smoother and fuller top end. The heart of the P-24 is our completely re-engineered historically accurate pair of P-CK-12 dual diaphragm 32mm edge terminated condenser capsules.

## Features of the P-24:

- Dual Edge-terminated P-CK-12 capsules
- Historically accurate capsule
- Ultra high resolution
- Crystal clear low noise-floor
- Vintage glass EF pentode vacuum tube
- Heavy-duty 12-pin screw-on connector
- Designed, engineered, and built in Virginia
- Dual Custom T14/1 transformer output
- All metal double-mesh head grille

## Technical Data:

- Capsule: Dual 32mm condenser pressure gradient
- Frequency range: 20Hz/24Khz
- Polar patterns: 9 - Switchable from omni- to bi-directional
- Sensitivity: 11 mv/pa
- Impedance: 200 ohms
- SPL: 138 dB
- Equivalent Noise: 15 dB(A)
- Tube Type: single 6072AM
- Power Requirements: Dedicated power supply, 115V or 230V AC
- Size: 50mm x 269mm
- Weight: 1058 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 stereo LDC microphone. Our clients report the following as a few of their favorites:

- ♦Acoustic guitar
  - ♦String emsemble
  - ♦Orchestra
  - ♦Drums overhead or room mics
  - ♦Bluegrass single mic
- How will you use your P-24 mic?

## Microphone Kit Includes:

- P-24 microphone
- 12-pin stereo microphone cable
- Stereo Power supply
- Shock mount
- Locking flight case



Peluso Microphone Lab, LLC

Background image courtesy of Rick Krajnyak