



PELUSO P-414

Solid State Large Diaphragm Condenser Microphone Kit

bringing vintage sound to new life

We have a deep respect for AKG and the microphone innovations they have pioneered. As tubes were widely replaced by transistors in the 1970s, the 414 replaced the C 12. Looking over the long and complicated lineage of the 414, we wanted to reproduce what has been most loved about this fabled classic. We drew heavily from the 1976 EB version with the original CK12-style brass capsule. This brass dual-backplate edge-terminated 34mm capsule gave AKG microphones the detailed mid-range and shimmering high-end air they are most loved for. Four polar patterns gave it additional versatility. The highest quality modern components ensure a very low self-noise, essential in a modern microphone. We achieve our balanced output with a generously sized transformer, eliminating interference and distortion. When it came to the design of the body and head grille we knew durability was of paramount importance. We crafted our head grille, body and stem with heavy brass and steel for maximum durability. This microphone is just as much at home in front of a passionate vocalist as it is a heavy metal drum kit. The Peluso P-414 is truly bringing the very best aspects of vintage sound to new life.

Features of the P-414:

- Edge-terminated large diaphragm brass capsule
- Standard 3-pin XLR connector
- Designed, engineered, & hand built in Virginia
- Custom transformer output
- Four polar patterns switched on mid body
- High pass filter switch and
- 10 dB pad switched on the mic body
- All metal double-mesh head grille
- Heavy-duty brass body

Technical Data:

- Capsule: 34mm condenser pressure gradient
- Frequency range: 20Hz/20Khz
- Polar pattern: Hyper-cardioid, cardioid, omni, figure of 8
- Sensitivity: 12 mv/pa
- Impedance: 200 ohms
- SPL: 162 dB w/20 dB pad
- Equivalent noise: 12 dB(A)
- Power requirements: Phantom - 48v +/- 4v
- Current consumption: < 4.0 MA
- Size: 114/188mm H x 51mm W x 38mm D
- Weight: 490g

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 Stage microphone. Our clients report the following as a few of their favorites:

- Male & female vocals
- Acoustic guitar
- Piano
- Drums: overhead, front & toms
- Amplifiers

How will you use the P-414?

Microphone Kit Includes:

- P-414 microphone
- Velvet mic bag
- Shock mount
- Locking flight case



Four Polar Patterns

10/20 dB Pad High Pass Filter

Background image courtesy of Luke Enyeart
Photo: Beehive Production

Peluso Microphone Lab, LLC