



PELUSO R 14

Passive Ribbon Microphone Kit

bringing vintage sound to new life

The R 14's sound is rich, warm, and silky smooth with generous low end. It is un-hyped, natural, and takes EQ very nicely. Clean balanced output is delivered through a custom output transformer. When designing our line of ribbon microphones, we wanted to create a classic vintage-style microphone with long ribbon geometry in the vein of the early RCA microphones. Thin corrugated aluminum ribbon is tensioned between two rare earth neodymium magnets. As the ribbon moves with the ambient acoustic air pressure variation, a current is induced in the ribbon itself. This current is the microphone's output signal. The ribbon is placed just forward of the magnet center. This provides a very slight low-end roll-off on the backside of the microphone, which can be very useful if proximity effect needs to be countered. The smooth natural sound of the R 14 ribbon microphone is the perfect complement to the condensers in your microphone collection.

Features of the R 14:

Classic long-ribbon geometry
Very low self noise
Handles very high SPL sources like
percussion & guitar amps
Designed, engineered, & hand built in Virginia
All metal double-mesh head grille
Heavy-duty brass body
Available in stereo matched pairs

Applications:

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

- Guitar amp
- Drum overhead or room microphone
- Vocals
- String ensemble (in pair)
- Stringed instruments
- Brass instruments

How will you use your R 14 mic?

Technical Data:

Type: Ribbon-velocity studio microphone
Operating principle:
Electrodynamic pressure gradient
Magnets: Rare earth neodymium
Frequency range: 30Hz/16Khz
Polar pattern: Figure 8 (bi-directional)
Sensitivity: >-52 dBV (re: 1v/pa)
Impedance: 200 ohms
SPL: 149 dB
Equivalent noise: 0 dB(A)
Power requirements: None required,
or recommended
Size: 36mm x 176mm
Weight: 496 g

Microphone Kit Includes:

R 14 microphone
Wood box
Shock mount

Warranty:

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



Peluso Microphone Lab, LLC

Background image courtesy of Siegfried Meier