



# PELUSO TR 14

Vacuum Tube Ribbon Microphone Kit

*bringing vintage sound to new life*

The Peluso TR 14 Tube Ribbon Microphone combines the warmth and harmonic complexity of a tube microphone with the rich silky smooth quality and generous low end of a ribbon microphone. The tube gain stage handles low-level sources and long cable runs transparently. 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. Our ribbons are un-hyped, natural, and take EQ very nicely. Bringing tube and ribbon technologies together in the TR 14 creates a unique and versatile microphone that you will find countless applications for.

## Features of the TR 14:

- Classic long-ribbon geometry
- Sub-miniature glass tube
- Very low self noise
- Handles very high SPL sources like percussion, guitar amps, & horns
- Capable of long cable runs
- Standard 7-pin XLR push-in connector
- Designed, engineered, & hand built in Virginia
- Custom style transformer output
- All metal double-mesh head grille
- Heavy-duty brass body
- Available in stereo matched pairs

## 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: >-35 dBV(re 1v/pa)  
Impedance: 200 ohms  
SPL: 149 dB  
Equivalent noise: 15 dB(A)  
Tube type: CK5784 / 6J1P sub-miniature tube  
Power requirements: Dedicated power supply,  
115V or 230V AC  
Size: 36mm x 210mm  
Weight: 450 g

## Applications:

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

- Guitar amp
- Vocals
- String ensemble
- Mandolin
- Saxophone & trombone
- Keyboard amp

How will you use your TR 14 mic?

## Microphone Kit Includes:

- TR 14 microphone in a wood box
- 7-pin microphone cable
- Power supply, shock mount
- Flight case



## 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 Andy Hall &  
The Infamous Stringdusters, Photo: Beehive Productions