



# PELUSO CEMC-6

Solid State Small Diaphragm Condenser Microphone Kit

*bringing vintage sound to new life*

The Peluso CEMC-6 is a solid-state small diaphragm condenser microphone capsule and amplifier set. The CEMC-6 ships with a cardioid pattern capsule with a 20 millimeter gold-sputtered diaphragm. Additional capsules are available in omni-directional, cardioid, and hyper-cardioid patterns. The CEMC-6 has very low self-noise. A high SPL allows it to handle very loud sources without distortion. A flat frequency response across its entire range provides a natural sound very true to your source. Balanced output eliminates interference and distortion. The CEMC-6 features a -10 dB and -20 dB pad switch and a two-position high pass filter with 75hz and 150hz settings. This versatile microphone is used in the studio on everything from vocals and acoustic instruments to drum overheads. For the remote recordist, this is a great mic for orchestras, live audience tapers and location sound. You'll always get great results from the CEMC-6, one of the most versatile and best sounding small diaphragm microphones on the market.

### Features of the CEMC-6:

Three polar pattern capsules available:  
cardioid, omni & hyper-cardioid  
Standard 3-pin XLR connector  
48v Phantom power  
High SPL, great for loud sources  
Designed, engineered, & hand built in Virginia  
Solid-state electronics  
Heavy-duty brass body  
Available in single or stereo pair kits

### Applications:

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

- Drum overhead - live and in studio
  - Percussion spot mic: cymbals, toms, ride cymbal - Avett Brothers
  - Acoustic strings: guitars, violin & piano
  - Brass instruments
  - Amplifiers
  - Studio, stage, audience, close or room
  - Audience recording (search archive.org)
- How will you use your CEMC-6 mics?

### Technical Data:

Capsule type: 20mm condenser  
Frequency range: 19Hz/25Khz  
Polar pattern: Cardioid w/ removable capsule  
Sensitivity: 10 mv/pa  
Impedance: 200 ohms  
SPL: 156 dB w/ -20 dB pad switch engaged  
Equivalent noise: 14 dB(A)  
Power requirement: phantom -48v +/- 4v  
Current consumption: < 3.0 MA  
Size: 22mm x 164mm  
Weight: 134 g

### Warranty:

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

### Single Microphone Kit Includes:

CEMC-6 microphone with cardioid capsule  
Hard mount  
Foam wind screen  
Wood box  
(Hyper-cardioid, wide-cardioid, and omni capsules sold separately)

### Stereo Microphone Kit Includes:

(2) Stereo matched CEMC-6 microphones  
(2) Cardioid capsules  
(2) Shock mounts  
(2) Hard mounts  
Locking flight case  
(Hyper-cardioid wide-cardioid, and omni capsules sold separately)



Peluso Microphone Lab, LLC

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