



# C715 Studio Microphone Variable Pattern

**Series Seven** microphones provide unprecedented flexibility in studio pickups with a variety of directional patterns. The **C715** uses a unique single large diaphragm capsule with an adjustable vent allowing cardioid or omni operation, and includes a new, patent-pending metal foam housing for minimum acoustic coloration due to the elimination of many internal reflecting surfaces.

The **C715** features the new single-sided capsule with a 5 micron evaporated gold diaphragm. The backplate has an adjustable vent, reached through an opening in the back of the grille, that allows the mic to be adjusted from cardioid to omni. The single diaphragm capsule has a particularly smooth sound, usable for many studio applications where some conventional dual diaphragm mics are too harsh or bright.

The internal circuitry uses a class-A cascode FET front end, driving a large nickel core Lundahl output transformer for compatibility with a wide range of preamps and consoles. The internal high voltage linear supply generates capsule polarization voltage without using a switching oscillator, for very low noise.

The capsule assembly in the **C715** is internally shock mounted so that the mic may be attached directly to a stand through its rugged yoke mount, without using any external accessories.

## Specifications

Pressure-gradient condenser microphone transducer  
Variable cardioid/omni directional pattern  
Frequency range 20-20,000 Hz  
Sensitivity -55 dB ref 1V/Pa (1.8 mV/Pa)  
Equivalent noise level <19 dB SPL, A weighted rms  
Overload sound level 140 dB SPL  
Power supply P48 phantom, 2 mA  
Diameter 63 mm (100 mm wide at yoke), length 261 mm  
Weight 1.2 kg  
Output connector 3-pin XLR  
Made in USA

