

**GENERAL**

The Carvin CM67 is a dynamic unidirectional microphone built to provide wide range reproduction of music and voice. It features an exceptionally uniform and effective unidirectional pickup pattern. The performance characteristics and unique construction make it ideal for in-studio or concert use where a sound technician controls the mixing. This microphone has exceptional feedback control and will take high input signals from drums and instrument amps without overloading. The overall sound is bright and clean with excellent bass without boominess. An excellent choice for instrumentation.

**Microphone Features:**

- The CM67 is also designed for high end studio recording and broadcast applications.
- Cartridge shock-mounted for protection and quiet operation
- Bright clean sound. Especially effective for announcing, narration and dialogue, vocal music, and rhythm pickups.
- Unusually effective cardioid pickup pattern to minimize background noise and undesirable effects of studio and location acoustics. Rear and side rejection uniform to very low frequencies and completely symmetrical about microphone axis
- Versatility - designed for use in the hand or on a stand - for use indoors or outdoors
- Microphone supplied with adjustable swivel adapter - permits tilting through 90° from vertical to horizontal
- Supplied with a lockable off/on switch

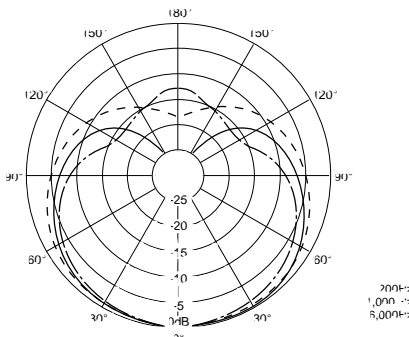
**SPECIFICATIONS**

- Type**  
Dynamic
- Frequency Response**  
40 to 15,000HZ
- Output Level (at 1,000 Hz, 250 ohms)**  
Open Circuit Voltage\*  
-77 dB, (0.14 mV)
- Hum Pickup (typical)**  
32 dB equivalent SPL per milliorsted
- Cable**  
CM67: 6.1m (20 ft) three-conductor shielded broadcast type with 3-socket professional audio connector\*
- Case**  
Dark grey enamel die casting and dark grey enamel steel mesh grille
- Swivel Adapter**  
Slip-in positive-action, adjustable from 0° to 90°, with standard 5/8"-27 thread
- Net Weight (less cable)**  
7.5 oz.

\* To mate with Cannon XL series, Switchcraft A3 (Q.G.) series or equivalent connector

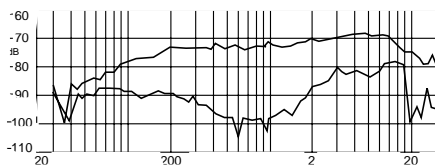
**Polar Pattern**

Cardioid — (unidirectional) — effective rejection of sound at rear of microphone uniform at all frequencies — front pickup characteristics symmetrical about axis (see Figure 2)



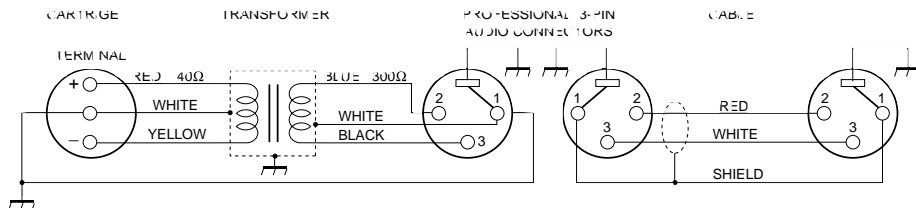
**TYPICAL POLAR PATTERNS**  
**FIGURE 2**

**TYPICAL FREQUENCY RESPONSE**



**FIGURE 1**

**INTERNAL CONNECTIONS**



**MODEL CM67**

**UNIDIRECTIONAL DYNAMIC MICROPHONE**

**ARCHITECT'S SPECIFICATIONS**

The microphone shall be a moving coil (dynamic) type with a frequency response of 40 to 15,000 Hz. The unit shall have a cardioid polar characteristic. The cancellation at the sides shall be 5 dB, and the cancellation at the rear shall be 15 to 20 dB. The microphone shall have a rating impedance of 250 ohms.

The microphone connector shall be a 3-pin professional audio type designed to mate with Cannon XL series, Switchcraft A3 (Q.G.) series or equivalent connector. The microphone shall be provided with a swivel adapter adjustable through 90° from vertical to horizontal. The adapter will mount on a stand having a 5/8" - 27 thread. The overall dimensions of the microphone shall be 176 mm (6 - 5/16 in.) in length and 40 mm (1 - 17/32 in.) in diameter.

The microphone shall be the Carvin CM67 or equivalent.

**GUARANTEE**

This Carvin product is guaranteed in normal use to be free from electrical and mechanical defects for a period of one year from date of purchase. Please retain proof of purchase date. This guarantee includes parts and labor.

This guarantee is in lieu of any and all other guarantees or warranties, express or implied, and there shall be no recovery for any consequential or incidental damages.

**CARVIN**

12340 World Trade Drive, San Diego, CA 92128  
(800) 854-2235  
www.carvin.com

