



Professional Microphones

CAD 22A CARDIOID MICROPHONE

Description

The CAD 22A is a dynamic cardioid microphone designed with the qualities required by the professional, but priced for the budget conscious vocalist and musician. It features a frequency response covering the audible range necessary for accurate natural sound, and a uniform cardioid polar pattern that reduces annoying feedback when used in close proximity to sound reinforcement speakers and monitors. A warm bass-boost (proximity effect) is achievable by working close to the CAD 22A. Also, the built-in presence boost provides the additional "punch" needed in sound reinforcement.

The CAD 22A is supplied complete with a swivel mount, on/off switch with recessed button, an effective internal multi-stage blast filter to minimize wind and breath noise, and an effective rubber shock mount to reduce cable, stand and handling noise.

Specifications

Generating Element:

Dynamic

Polar Pattern:

Unidirectional (Cardioid)

Frequency Response:

60 Hz - 15 kHz

Output Level:

Power Level:

-57 dB (0 dB = 1 mW/Pa)

Open Circuit Voltage:

2.15 mV/Pascal @ 1 kHz

Impedance:

500 Ohms

Switch:

ON/OFF (Recessed Button)

Housing:

Die Cast Zinc Alloy

Finish:

Midnight Black Ball Screen, "Soft Feel" Titanium Gray Housing.

Dimensions:

185 mm (7 5/16") Long x 53.5 mm (2 1/8") Diameter

NET Weight:

265 grams (9.5 oz.)

Accessories: (Included)

Mike Stand Holder

Accessories: (Optional)

Windscreen

Cable Assembly

Architects' and Engineers' Specification

The microphone shall be a dynamic cardioid type low impedance with wide-range frequency response uniform from 60 Hz to 15 kHz, having a recessed on/off switch. Output level at 1 kHz shall be -57 dB (0 dB = 1 mW/10 microbars). The polar response shall show a minimum of -15 dB at 180° between 250 Hz and 4 kHz. The transducer shall be shock mounted to minimize handling noise and other mechanically generated vibration. The microphone case shall be die-cast zinc alloy. The microphone shall have a length of 7 5/16" ±1/64", and a maximum diameter of 2 1/8" ±1/8". The microphone shall be finished in a urethane non-reflecting midnight black ball screen and "Soft Feel" titanium gray housing. A mike stand holder shall be supplied.

The CAD Model CAD 22A is specified.

