

C-800G

Studio Tube Condenser Microphone



Overview

Studio Tube Condenser Microphone

Excellent for vocal recording in studios and film post production houses, Sony's C-800G Studio Tube Condenser Microphone is designed for high-quality sound. The C-800G features a high-quality dual large diaphragm for true reproduction of vocal qualities, vacuum tube warm sound quality through a 6AU6A vacuum tube, a unique Peltier-based cooling system to achieve optimum tube operating temperature, and an electronically selectable pick-up pattern (Omni/Uni) for various recording applications.

Highlights

- Designed for high-quality sound
- Suitable for vocal recording in studios and film post production houses
- High sensitivity of -32dB/Pa
- Low noise and low distortion due to built-in cooling system
- Large diaphragm capsule
- Electronically selectable directivity, either omni- directional or cardioid

Features

Signal-to-noise ratio

Signal-to-noise ratio: 76 dB (Uni), 73 dB (Omni).

High sensitivity

High sensitivity of -32dB/Pa.

Frequency response

Frequency response: 20 Hz-18,000 Hz

Dynamic range

Dynamic range: 113 dB

Specifications

General Specifications	
Capsule Type	Condenser
Frequency Response	20 Hz to 18 kHz
Directivity	Uni-directional/Omni-directional
Sensitivity	(Uni) -32.0dB/Pa (Omni) -35.0dB/Pa
Dynamic Range	113dB or more
S/N Ratio	(Uni) 76dB or more (Omni) 73dB or more
Inherent Noise (0dB SPL = 20 μPa)	(Uni) Less than 18dB SPL (Omni) Less than 21dB SPL
Max SPL (dB SPL) (0dB SPL = 20 μPa)	(Uni) 131dB SPL (Omni) 134dB SPL
Connector	MIC output : JIS CNR01SRM016007 type

Cable Length	Mic Cable: 26 feet
Power Requirements	120V AC, 60Hz
Dimensions	Mic: 2 1/4 dia. x 7 5/8 x 9 3/8 inches
Weight	Mic : 2.0 lb.

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