SONY

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 –32 dB/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 –32 dB/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) -32.0 dB/Pa (Omni) -35.0 dB/Pa
Dynamic Range	113 dB or more
S/N Ratio	(Uni) 76 dB or more (Omni) 73 dB or more

General Specifications	
Inherent Noise (0 dB SPL = 20 µPa)	(Uni) Less than 18 dB SPL (Omni) Less than 21 dB SPL
Max SPL (dB SPL) (0 dB SPL = 20 µPa)	(Uni) 131 dB SPL (Omni) 134 dB SPL
Connector	MIC output: JIS CNR01SRM016007 type
Cable Length	Mic Cable: 26 feet
Power Requirements	120 V AC, 60 Hz
Dimensions	Mic: 2 1/4 dia. x 7 5/8 x 9 3/8 inches
Weight	Mic: 2.0 lb

Related products



C-800GPAC1

Studio Tube Condenser Microphone PAC

Gallery



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