

C-800GPAC1

Studio Tube Condenser
Microphone PAC



Overview

Studio Tube Condenser Microphone PAC

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

The ultimate in sound quality

The use of a rigorously selected vacuum tube gives this microphone its superb sonic quality, particularly at high frequencies and with exceptionally low noise levels. With a wide dynamic range and ability to resolve subtle sound detail, the sonic quality is expressed as rich, natural and sensitive with an outstanding response to fast transients.

Critical vocal recordings

The C-800G is particularly suitable for critical vocal recording in recording studios and film and video post-production houses, where sound clarity and nuance are essential.

Noise elimination construction

The design incorporates a two-part body construction that effectively helps prevent acoustic vibration from reaching the microphone capsule, resulting in clarity of reproduction.

Advanced cooling system

The first microphone in the world to incorporate a built-in thermo-electric cooling system employing a semiconductor device, heat pipe and heat sink, which greatly contribute to the low noise and low distortion characteristics.

High sensitivity

With a high sensitivity of -32dB/Pa, this microphone can capture subtle nuances at high frequencies with low noise levels and minimum distortion.

Selectable directivity

The C-800G provides electronically selectable directivity, either omnidirectional or uni-directional, for maximum flexibility and control over pickup angle.

AC power supply unit

The AC-MC800G power supply unit is supplied as part of the C-800GPAC1 condenser microphone package.

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
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	120V AC, 60Hz
Dimensions	Mic: 2 1/4 dia. x 7 5/8 x 9 3/8 inches Power Supply : 8 1/2 × 4 1/4 × 12 1/8 inches
Weight	Mic : 2.0 lb. Power Supply : 11 lb. 14 oz.

PAC Information

C800G	Tube Condenser Microphone
ACMC800G	C800G Power Supply

Related products



C-100

Two Way Condenser
Microphone



ECM-100N

Omni-directional
Electret Condenser
Microphone



ECM-100U

Uni-directional
Electret Condenser
Microphone



C-800G

Studio Tube
Condenser
Microphone



AC- MC800G

C800G Power Supply



C-80

Uni-directional
Condenser
Microphone

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