

MONOPRICE®

Monoprice, Inc
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United States of America

Thank you for purchasing the Monoprice 600850 Multi-pattern pressure gradient Condenser Microphone. With proper care, this mic will provide many years of satisfaction. For best results, please take a few moments to review this literature.

General Characteristics

This microphone has a 32mm capsule with dual gold-sputtered diaphragms providing multiple pickup patterns and a very open and detailed sound. Condenser microphones are very sensitive, readily revealing very subtle sonic details. They also tend to pick up sounds outside the pattern more than some designs, which can lead to powerful feedback if you are not careful. We strongly advise experimentation with placement and isolation requirements with the gain initially set low to avoid equipment (and ear) damage. It is strongly advised to use a mesh pop-filter to prevent moisture from damaging the capsule.

Power Requirements

IMPORTANT - This unit requires phantom power at 48 volts, ± 4 volts. Each unit has been thoroughly checked before shipping, so if you hear no sound, check that the phantom power on your mixer or separate power supply is switched on! This microphone will not operate without supplying this external power.

Microphone Cables

The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound poor if the interconnect cable allows noise to enter, or causes distortion and loss of information. Use only the best microphone cable your budget will allow.

Care

Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its case. Remove fingerprints from the exterior with a damp soft cloth. Clean the gold contacts occasionally with a de-oxidant/cleaner.

Switches

The 600850 features switches for both bass roll-off, and a -10dB pad. The bass roll-off is set to 6dB per octave at 150 Hz. This can reduce proximity effect if required. Proximity effect is the change of frequency response as the recorded source is brought closer to the microphone. With vocals, this usually manifests itself as an increase in low frequency content as one gets closer to the microphone. The -10dB pad effectively reduces possible overloading of the microphones internal circuitry at a high SPL (Sound Pressure Level).

Shockmount

To mount the 600850 in the shock mount, first attach the shock mount to the mic stand. With one hand, hold the 600850 microphone inside the basket of the shockmount with the threaded base of the mic resting on the retaining nut at the bottom. With your other hand rotate the retaining nut until the microphone is securely attached to the shockmount. When properly secured the shock mount offers excellent isolation from vibrations induced into the microphone through the microphone stand.

Specifications

Type	Multi-pattern pressure gradient condenser mic
Diaphragm	Gold-sputtered, 8 micron diaphragm
XLR Connector	Gold Plated
Capsule Size	32mm/1.26 in.
Frequency Response	20 Hz – 20 kHz
Polar Pattern	Cardioid, Omni, Figure 8
Sensitivity	-31dB (28mV/Pa)
Output Impedance	200 ohms
Pre-Attenuation Switch	0 dB, -10 dB
High Pass Filter	6 dB/octave @ 150Hz
Equivalent Noise Level	18dB (A-weighted IEC 268-4)
Max SPL for .5% THD	130 dB
Power Requirements	48V phantom power (± 4 V)
Weight	2.25 lb/1.02 kg
Size	59mm x 241mm/2.32 in. x 9.5 in.
Metal Finish	Black and Gold

Warranty

Limited 1 Year Warranty. Monoprice guarantees this product to be free from defects in material or workmanship. Please visit www.monoprice.com for full warranty support and details.

Customer Service Live Chat

Availability

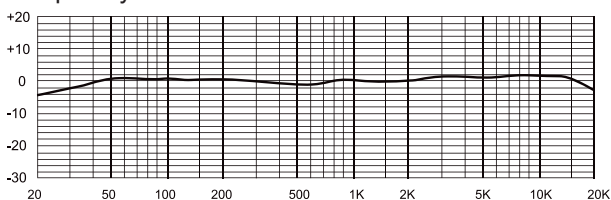
Monday ~ Friday: 6:00AM ~ 7:00PM PT
Saturday & Sunday: 9:00AM ~ 6:00PM PT
support@monoprice.com

Tech Support Live Chat

Availability

Monday ~ Friday: 6:00AM ~ 7:00PM PT
Saturday & Sunday: 9:00AM ~ 6:00PM PT
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Frequency Chart



Polar Patterns

