



990 Blaze



A Division of Marshall Electronics

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Pressure-Gradient

Condenser Microphone

Thank you for choosing the MXL 990 Blaze Condenser microphone. With proper care, this mic will provide many years of satisfaction. For the best results, please take a few moments to read this manual.

Enjoy your microphone!

The MXL Team

General Characteristics

This microphone has a 22mm capsule with a gold-sputtered diaphragm and a fixed cardioid pickup pattern. 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 avoid moisture from damaging the capsule.

Contents

Unpack your MXL 990 Blaze microphone carefully and verify that all of the following items are included:

- MXL 990 Blaze microphone
- Hard mount mic stand adapter

If any of these items are missing or damaged, contact the company from which you purchased the microphone.

Power Requirement

The MXL 990 Blaze requires 48V phantom power ($\pm 4V$). If no sound is picked up by the microphone, make sure that the phantom power on your mixer or separate power supply is switched on.

Microphone Cable

The microphone cable can have a profound effect on the sound of any microphone. Even the finest microphone will sound poor if the interconnect cable allows noise to enter or causes distortion and loss of information. We recommend that you use the best microphone cable that your budget will allow.

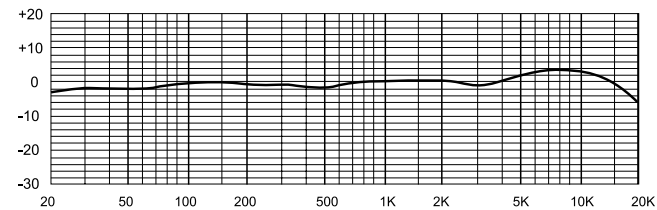
Care

Dust and foreign material can reduce the performance of a microphone over time. It is recommended that you store the MXL 990 Blaze in a cool, dry place when not in use.

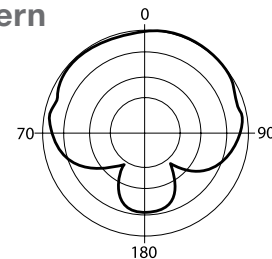
Specifications

| | |
|----------------------|------------------------------------|
| Type | Pressure-gradient condenser mic |
| Frequency Response | 30 Hz–20 kHz |
| Polar Pattern | Cardioid |
| Impedance | 200 ohms |
| Sensitivity | 15 mV/Pa |
| Equivalent Noise | 20 dB (A-weighted IEC 268-4) |
| S/N Ratio | 80 dB (Ref. 1Pa A-weighted) |
| Max SPL for 0.5% THD | 130 dB |
| Power Requirement | 48V phantom power ($\pm 4V$) |
| Metal Finish | Black |
| Size | 60mm x 130mm / 2.36 in. x 5.11 in. |
| Weight | 1.2 lbs / 544.3g |

Frequency Chart



Polar Pattern



Warranty

MXL microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If you encounter any problem with this unit, promptly contact the company from which you purchased it for assistance. The original dated sales receipt will be necessary for any warranty claim. Do not send any unit directly to us without prior authorization from our service department. Warranty coverage is limited to repair or replacement (at our option) of the microphone, and does not cover incidental damages due to use of this unit, nor damage caused by accidental misuse of this product.