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.

A Division of Marshall Electronics

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990/991

Classic Recording Bundle

990/991

Classic Recording Bundle

Thank you for choosing the MXL 990/991 Classic Recording Ensemble. For best results, please take a few moments to read this manual and familiarize yourself with proper operation and care of your microphone.

General Characteristics

The **990/ 991 Classic Recording Ensemble** is your one-stop mic kit for vocals, drum overheads, acoustic guitars, and more! Two studio condenser microphones are included. The 990 offers a silky, sweet high end and a tight solid bass, perfect for recording vocals; and the 991 is a superior instrument microphone designed for recording acoustic guitar and drum overheads. This bundle makes for the perfect foundation to any new microphone locker.

Contents

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

- Rugged Carrying Case
- MXL 990 Microphone
- MXL 991 Microphone
- MXL H-03 Mic Stand Adapter
- MXL MT-001 Mic Stand Adapter

Power Requirements

IMPORTANT – The **990** requires **48V phantom power (± 4V)**.
IMPORTANT – The **991** requires **phantom power at 48 volts, +/- 4 volts.**
Each unit has been thoroughly checked before shipping, so if you do not hear sound, check that the phantom power on your mixer or separate power supply is switched on.

Microphone Cables

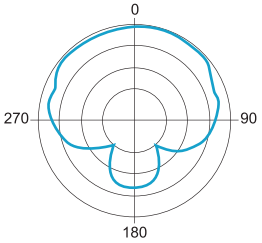
Your microphone cable can have a profound effect on the sound of any microphone. Even the finest microphones will sound poor if the interconnect cable allows noise to enter, or causes distortion and loss of information. We highly recommend the Mogami® brand microphone cables.

Care

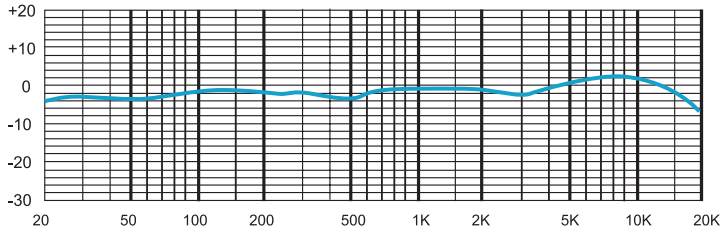
Dust and foreign material can degrade the performance of a microphone over time, so always store the unit in its box. For vocals closer than 3", use a pop filter or a foam windscreen to avoid getting moisture on the diaphragm as this can substantially degrade the microphone's performance. Store the microphone in its original packaging in a cool, dry place along with the included packet of silica gel.

990/991 Technical Specifications

Polar Pattern



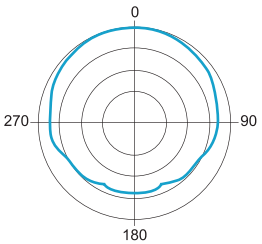
Frequency Chart



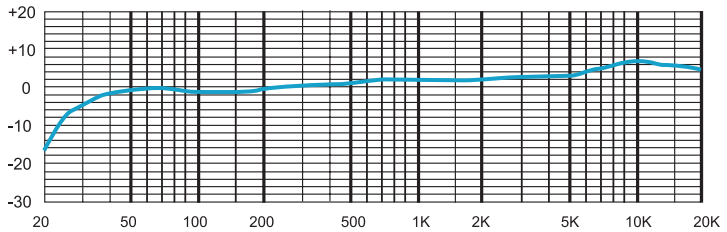
990

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 (± 4V)
Current Consumption:	< 3.0mA
Size:	60mm x 130mm / 2.36 in. x 5.11 in.
Weight:	1.2 lbs / 544.3g
Metal Finish:	Champagne

Polar Pattern



Frequency Chart



991

Type:	Condenser pressure gradient mic
Frequency Response:	30Hz – 18 kHz
Polar Pattern:	Cardioid
Out Impedance:	110 ohms
Sensitivity:	15mV/Pa
S/N Ratio:	78 dB (Ref. 1Pa A-weighted)
Equivalent Noise:	18dB(A weighted IEC 268-4)
Max SPL for 0.5%:	THD 137dB
Power Requirement:	48 V phantom power (+/- 4 V)
Current Consumption:	<3.0mA
Size:	22 mm x 134 mm
Weight:	0.35 lbs
Metal Finish:	Champagne