



Marshall Electronics

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El Segundo, CA 90245
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V88s Manual



Thank you for purchasing the MXL V88s studio-recording microphone.

MXL microphones are the result of world-class engineering and manufacturing capabilities. They are designed to provide you with outstanding performance and exceptional value. For best results, please take a few moments to review this literature.

General Characteristics

The MXL V88s is a small profile multi-purpose microphone with a fixed cardoid pattern. It features a 32mm large diaphragm capsule, and a low noise FET preamp with fully balanced transformerless output. In addition it has a 3 position pad (pre attenuation) switch with settings of 0dB, -10dB and -20 dB. The addition of the pad switch enables the use of the microphone with sound sources producing very high sound pressure levels, without overloading the microphones internal circuitry. The MXL V88s is suitable for a wide range of applications, delivering power and depth to vocals, as well as capturing the clarity and smoothness of instrumental performances. Wired with Mogami cable, the MXL V88s's fidelity and versatility will ensure it is a favorite in your studio.

Power Requirements

IMPORTANT – This microphone 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 preamp, mixer or separate power supply is switched on!

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. We recommend the use of Mogami Gold Studio microphone cables.

Care

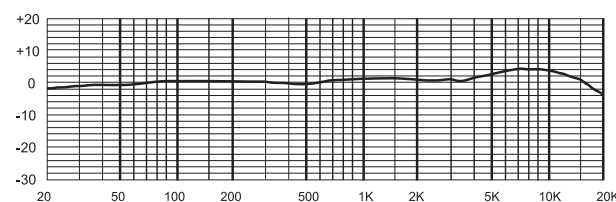
Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its case. For vocals closer than 3", use

a "popper stopper" or a foam windscreen to avoid getting moisture on the diaphragm as this can substantially degrade the microphone's performance.

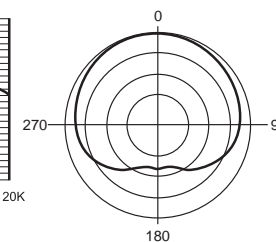
Technical Specifications

| | |
|-------------------------|---|
| Type: | Condenser pressure gradient mic with large 32mm capsule |
| Diaphragm: | Gold-sputtered, 6 micron diaphragm |
| Frequency Range: | 20Hz-20kHz |
| Polar Pattern: | Cardioid |
| Switch: | (Pad/Pre attenuation) -10dB, -20dB |
| Impedance: | 150ohms |
| Sensitivity: | 25mV/Pa |
| S/N Ratio: | 80dB (Ref. 1Pa A-weighted) |
| Equivalent Noise Level: | 14dBA (A-weighted IEC 651) |
| Max SPL for 0.5% THD: | 158dB (with pad set to -20 dB) |
| Max Output 1K Load: | +13dBu |
| Power Requirements: | Phantom Power 48V \pm 4V |
| Current Consumption: | 5.4mA |
| Size: | 76mm x 152mm |
| Weight: | 1 lb |
| Metal Finish: | Nickel plated |

Frequency Chart



Polar Pattern



Warranty

Marshall microphones are guaranteed against defects in material and workmanship for three years from date of purchase. Should you encounter any problem with this unit, promptly contact the company you purchased it from 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.