

KEL*Sonic alternatives for recording musicians***The HM-1**

Here's your KEL Audio HM-1

Introducing the KEL HM-1

Thanks for buying a KEL HM-1. The HM-1 is a balanced, un-hyped wide cardioid condenser microphone that offers smooth, full reproduction of all kinds of instruments and ensembles.

You will be pleased with the results when recording piano, upright bass, woodwinds, horns, drums, and most stringed instruments. The HM-1's wide cardioid pick-up pattern, flat high frequency response and extended low frequency response are well suited to stereo recording of entire groups including string quartets, choirs, orchestras. It is a particularly good choice on drum kits, offering a beefy, punchy sound with a nice balance between drums and cymbals.

Use

Connect the HM-1 to your mixer or mic pre-amplifier using a standard "XLR" type cable. Turn on the pre-amp or mixer, ensuring that the gain is set to minimum. Turn on the phantom power switch while the gain is set to zero in order to avoid loud spikes from damaging your speakers, or hearing. Slowly adjust the pre-amp gain until an adequate level is reached. Adjust the position of the microphone (preferred) or use an equalizer to achieve the desired tonality.

Safety

The capsule is sensitive to temperature and humidity. Avoid operating the microphone in high-humidity environments. Never operate electrical equipment in or near water, or in damp environments. Always ensure that any electrical equipment you connect to the microphone is properly grounded. Never attempt to bypass grounded outlets or use ground lift devices. Serious injury or death may result. Take care to ensure that your microphone is firmly attached to its shock mount, or swivel mount, and that the mount is firmly connected to a solid microphone stand before use. The HM-1 is sturdy, however a drop from a mic stand to a hard floor could damage the microphone and render it inoperable.

Warranty

The KEL HM-1 microphone is guaranteed against defects in materials or workmanship for one year from the date of purchase. Should a problem be encountered with the microphone, KEL Audio Inc., at its discretion, will either repair or replace the defective unit. Customer is responsible for all costs associated with shipping microphones to KEL Audio for repair. (Note: this warranty does not apply to damage to the exterior finish, or damage caused by misuse or abuse of the microphone. KEL Audio Inc. disclaims all liability of incidental, special or consequential damages arising from the use or inoperability of this product.)

Specifications

Capsule: 0.5" Externally Biased Condenser
Polar Pattern: Wide Cardioid
Frequency Response: 30Hz-20kHz
Sensitivity: -38dB+/-2dB (0dB=1V/Pa at 1kHz)
Self Noise: 18dB A (IEC 581-5)
Max. Input SPL: 134 dB (at 1kHz 1% THD)
S/N Ratio: 76dB
Phantom Power: 48V DC
Body Dimensions: 2"x5"

