



# ST31

## LOW-NOISE FET CONDENSER MICROPHONE

The ST31 is an affordable microphone for making high-quality recordings of instruments. The ST31 features a mid-size 3/4" diameter, 6-micron gold-evaporated Mylar diaphragm that is optimized to capture definition and detail of acoustic guitars, pianos, percussion, drum overheads, and more. The low-noise FET circuitry provides smoothness and warmth.

### FEATURES

- Hyper-Cardioid Polar Pattern
- Warm detail, low-noise
- Black nickel-plated all brass body
- Stainless steel head and grille assembly
- Requires 48V phantom power

Includes:

- Rugged vinyl zipper case
- HM1 swiveling hard mount
- Optional SM-3 shock mount available

### PRODUCT SPECIFICATIONS

<b>Preamp</b>	Low-noise FET circuitry
<b>Polar Patterns</b>	Hyper-Cardioid
<b>Frequency Response</b>	20Hz – 18kHz
<b>Sensitivity</b>	5mV/Pa
<b>Maximum SPL</b>	146dB
<b>Equivalent Noise</b>	< 28dB SPL – A Weighted
<b>Typical Load Impedance</b>	>500 Ohms
<b>Output Source Impedance</b>	200 Ohms transformerless
<b>Dimensions</b>	7.0" long, 1.2" max. dia.
<b>Weight</b>	7.4 oz.
<b>Power</b>	Phantom Power



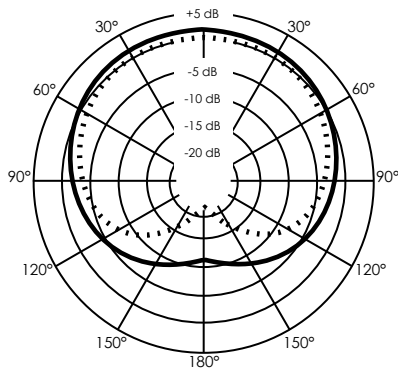
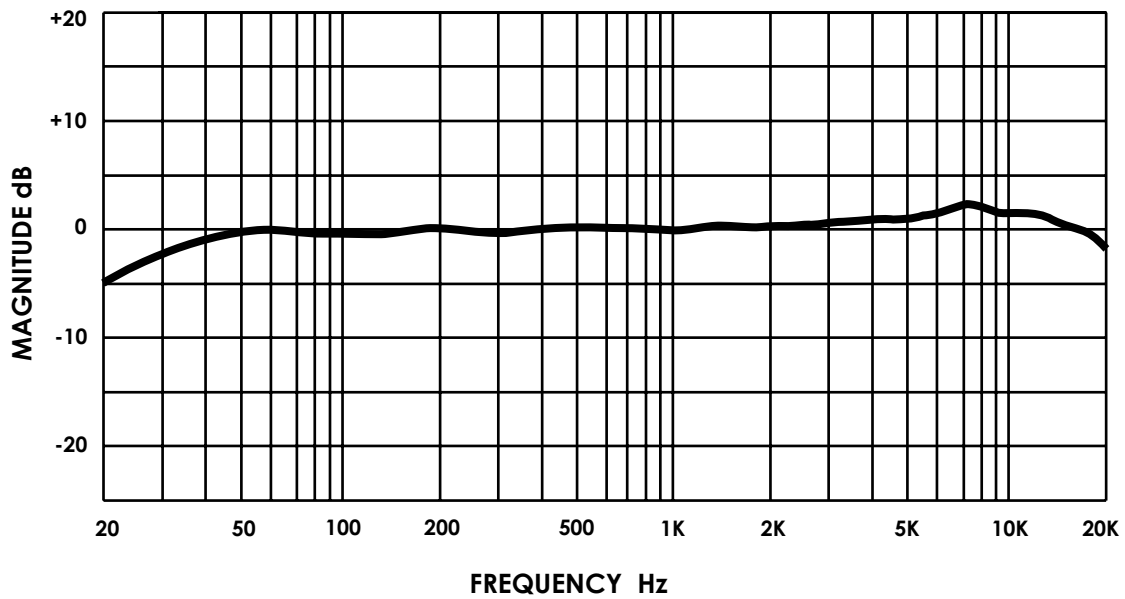
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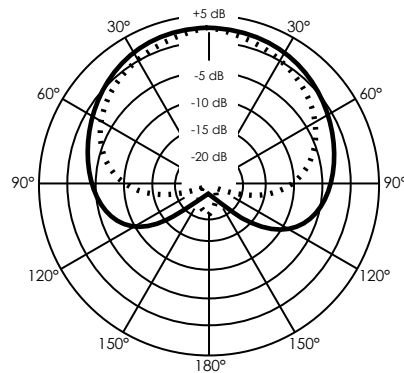
# STERLING

capture the moment

## FREQUENCY RESPONSE AND POLAR PATTERNS ST31 CARDIOID



125 ——— 500 .....  
250 ——— 1000 .....



2500 ——— 10000 .....  
5000 ——— 15000 .....