

# ST51

## CLASS-A FET CONDENSER MICROPHONE

The ST51 is an affordable, true-condenser large diaphragm recording microphone with outstanding sound and construction. The ST51's 6-micron, gold-evaporated Mylar diaphragm is optimized to capture definition and detail for both vocal and instrument recordings. Class-A FET circuitry provides unparalleled smoothness and warmth to your recordings.

### FEATURES

- Cardioid Polar Pattern
  - Large 1" all brass capsule, hand assembled and oven baked for long term stable operation
  - Thin 6-micron gold-evaporated Mylar diaphragm provides sonic detail and accuracy
  - Custom-wound nickel core output transformer
  - Black nickel-plated all brass body
  - Stainless steel head and grille assembly
  - Requires 48V phantom power
- Includes:
- HM-2 hard mount
  - Zipper case
  - Optional SM-4 shock mount available

### PRODUCT SPECIFICATIONS

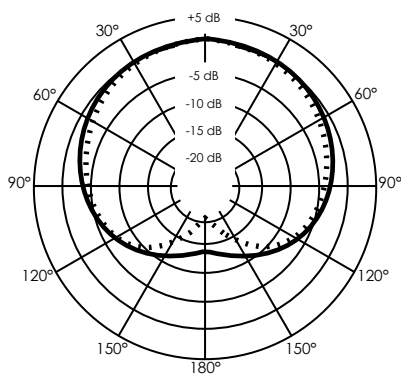
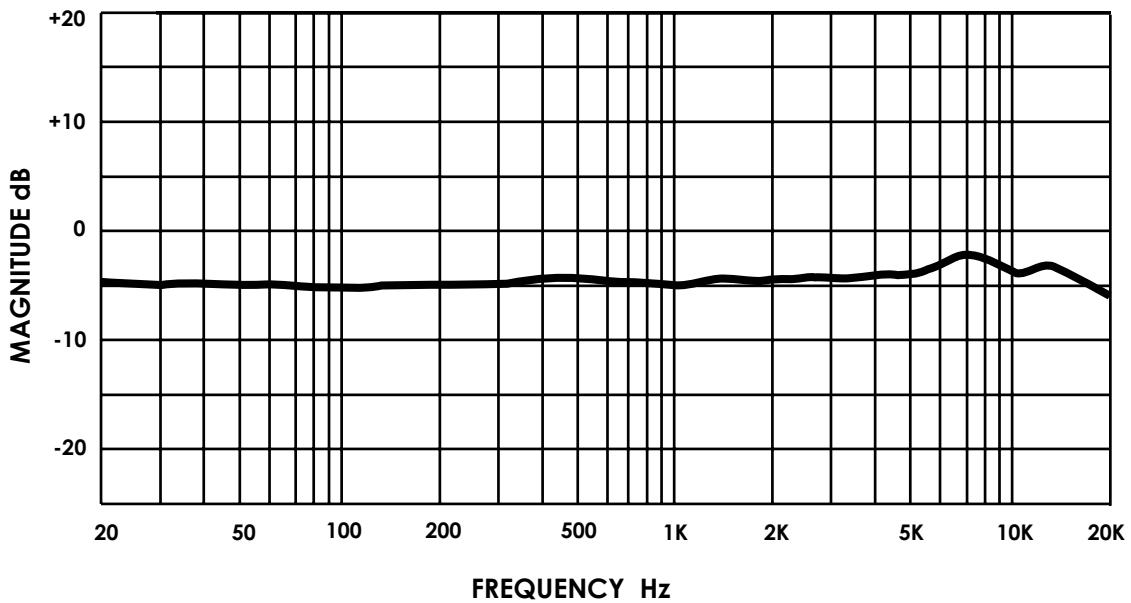
<b>Preamp</b>	Class-A FET
<b>Polar Patterns</b>	Cardioid
<b>Frequency Response</b>	20Hz - 18kHz
<b>High Pass Filter</b>	N/A
<b>Attenuation Pad</b>	N/A
<b>Sensitivity</b>	30mV/Pa
<b>Maximum SPL</b>	134dB
<b>Equivalent Noise</b>	22dB SPL - A weighted
<b>Typical Load Impedance</b>	>500 Ohms
<b>Output Source Impedance</b>	200 Ohms transformer isolated
<b>Dimensions</b>	7.5" long, 1.8" max. dia.
<b>Weight</b>	1.1 lbs.
<b>Power</b>	Phantom Power



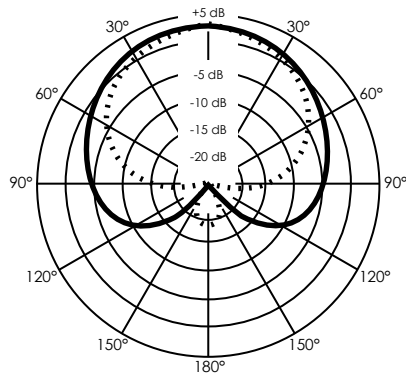


**STERLING**  
capture the moment

## FREQUENCY RESPONSE AND POLAR PATTERNS ST51 CARDIOID



125 ——— 500 .....  
250 ——— 1000



2500 ——— 10000 .....  
5000 ——— 15000