

Voiced by legendary Engineer/Producer and multiple Grammy® recipient, Allen Sides, the ST6050 was inspired by Ocean Way's expansive collection of superb sounding microphones, spanning many decades and musical eras.

By combining classic capsule and FET design with modern manufacturing and consistency, the ST6050 yields stunning clarity with a rich, warm, open sound with a silky top end – ideal for modern artists, producers and engineers.

CAPSULE

- 1" diameter, 8 micron thick, gold-sputtered capsule
- Traditional machining and exceptionally tight manufacturing tolerances for individual parts
- Hand-assembly and testing of final capsule

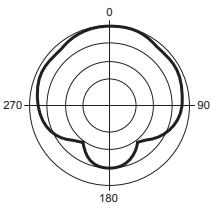
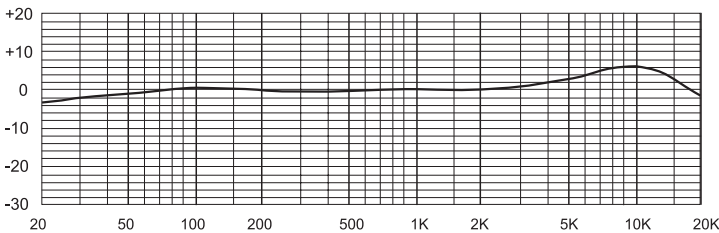
TRANSFORMER

- Robust transformer design with side-by-side windings yield an even, low frequency response while maintaining openness and top-end air.

ST6050 SPECIFICATIONS

Type:	Pressure gradient condenser microphone
Preamp Topology:	Class-A FET
Diaphragm:	1" diameter, 8 micron thickness
Polar Pattern:	Cardioid
Frequency Response:	20Hz - 20kHz
Sensitivity:	28mV/Pa
Equivalent Noise Level A-Weighted:	17dB SPL
Max SPL for 0.5% THD:	134dB
Output Source Impedance:	200 Ω Transformer-isolated
Typical Load Impedance:	>500 Ω
Power Requirements:	Phantom Power 48V
Current Consumption:	<3.5mA
Dimensions:	9.5" long, 2.4" max diameter
Weight:	2.0 lbs

FREQUENCY RESPONSE AND POLAR PATTERN



FET PREAMP

- Select modernization of traditional FET design for exceptional consistency
- Extremely tight component tolerances
- Optimized PCB ground planes improve grounding and increase RFI/EMI rejection
- Requires 48V phantom power

CHASSIS

- Chrome plated, woven-brass grill with steel head frame
- Heavy brass body with chrome plated closing ring

INCLUDED ACCESSORIES

- SM7B shock mount
- Oak hardshell case
- Windscreen



"Sterling and Ocean Way Recording have partnered to develop a microphone with an impressionistic, larger-than-life sound in an affordable and repeatable way."

– Allen Sides

Congratulations on your purchase of a professional microphone from Sterling Audio. To keep your mic in optimal condition, please review the following instructions.

The ST6050 microphone needs a full +48V phantom power. If full +48V phantom power is not available, use an external phantom power supply such as the Sterling Audio PHP1.

To avoid loud pops that can damage sensitive audio components, always perform the following steps in sequence when connecting these mics:

1. Turn the gain of your preamp and/or mixer all the way down.
2. Make sure that phantom power is disengaged.
3. Connect your microphone via a high-quality XLR cable.
4. Engage phantom power.
5. Turn up the gain on your preamp and/or mixer.

Before disconnecting your mic and/or cable, repeat steps 1 and 2 in sequence.

CARE INSTRUCTIONS

- Never subject your mic to physical impact.
- To reduce vibrations during recording, use the included shockmount.
- When recording vocals, use a professional quality pop filter such as the Sterling Audio PF1.
- To prevent damage from dust, clean your mic with a soft dry cloth before putting it back in its case.
- For more extensive cleaning, lightly dampen a soft cloth (add mild household soap if needed) and clean your mic's metal exterior. Wipe dry when finished.
- **Never spray a cleaning agent on the microphone itself, as moisture can damage the unit.**
- Avoid exposing your mic to any kind of moisture.
- Damaging buildup of breath condensation and saliva can be prevented by use of a windscreen.
- Avoid temperatures above 95°F and below 50°F.
- It's important to allow your microphone to acclimate to room temperature before use. This reduces the chance of condensation on the mic's diaphragm.
- Always keep the power supply away from moisture.
- **Never disassemble your mic. There are no user serviceable parts inside.**

