

4. Specifications

Element	Fixed-charge back plate, permanently polarized condensers
Polar Pattern	Cardioid
Frequency Response	80Hz~18KHz
Sensitivity	-32 dB 1Pa at 1V
Impedance	250Ω
Maximum Input Sound Level	125 dB SPL, 1KHz at 1% T.H.D
Dynamic Range(Typical)	105 dB, 1 kHz at Max SPL
S/N Ratio	70dB,1kHz at 1Pa
Switch	Mute/Toggle/Talk
Power Supply	11-52V DC, 5 mA typical
Weight	996 g
Microphone Length	420mm
Output connector	Integral 3-pin XLRM-type
Accessories Furnished	Windscreen
Color	Black

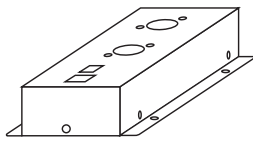
1. Key features

- TSG is a wide-bandwidth uni-directional polar pattern microphone with high-quality sound pickup performance designed for enhanced pickup, professional recording, TV broadcasting, conferencing and other high demanding pickup applications.
- TSG-550 is a standard 3 pin XLRM - type aviation plug. Small diameterrigid-pipe design with illuminated ring to indicate the working status.
- Sturdy metal desk stand base house, simple mute switch, flexible for controlling the speech.
- Low impedance audio output, smooth and clear sound quality.

2. Notice

The condenser microphones are not overly sensitive to the environment, but they can be damaged at very high or low temperatures. Exposure to high temperatures may result in a gradual permanent weakening of the output level. Avoid leaving the microphone in the sun or it should be placed at a temperature of 43 degrees for a long time, and extremely high temperatures should be avoided.

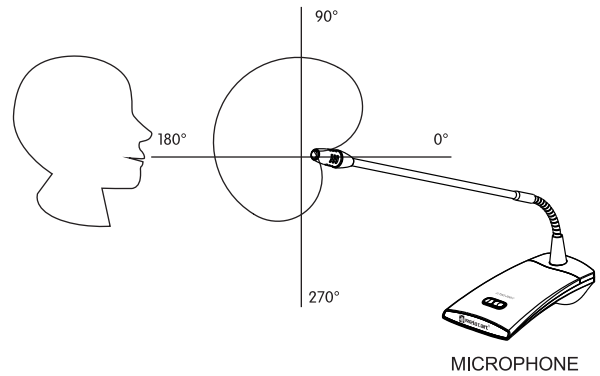
3. Optional assessorly



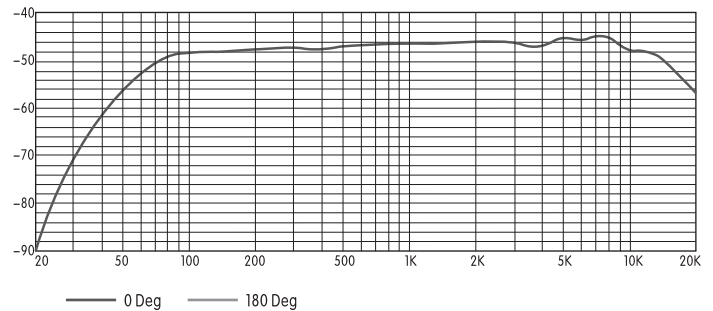
● P-48V1S

P-48V1S : Single channel 48V phantom power supply.

5. Polar Pattern



6. Frequency respond



7. Microphone diagram

