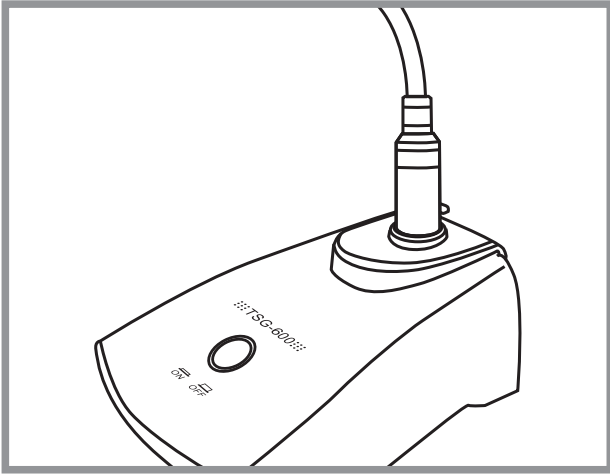


# TSG-300/TSG-600 Conferencing Microphone

## PROFESSIONAL GOOSENECK MICROPHONE



### 1.Features:

- TSG is a wide-range condenser cardioid microphone, with high quality sound pick up function. It is designed to the sound reinforcement, professional recording, television, broadcast, conference and other demanding high quality sound pick up applications.
- TSG-300/TSG-600's outlet is 3-pin XLRM.
- The small-diameter and gooseneck design tube is with light indication, and can adjust the pick-up cartridge's position easily and flexibly.
- The base is with mute switch and its appearance is durable alloy casting to get the best pick up effect.
- The balance audio output is with low impedance, Audio signal is output with pin 2 and 3 of XLRM, pin 1 is GND (shield).
- The output phase is set on the pin 2 with positive phase electrical level.

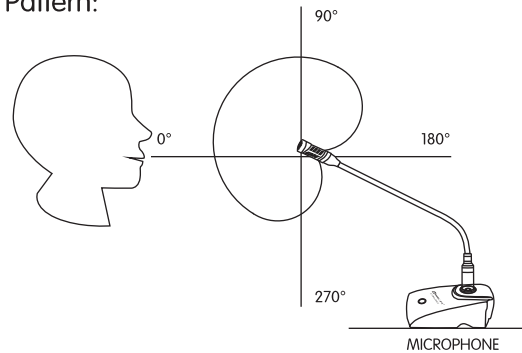
### 2.Note:

Condenser microphone now is not over sensitive to the environment. However it may be also easily damaged in extremely high or low temperature. Output electric level may be gradually and permanently attenuated when microphone is exposed in the high temperature. Microphone should not be exposed in the sunshine place or the place where the temperature is over 43 degree or with high humidity.

### 3.Specifications:

Microphone Type: Condenser, Cardioid Polar Pattern  
 Frequency Response: 80Hz-18000Hz  
 Sensitivity: -35 dB at 1 Pa with 1V  
 Impedance: 250 Ω  
 Maximum Input Sound Level: 133 dB SPL, 1 kHz at 1% T.H.D  
 Dynamic Range(Typical): 109 dB, 1 kHz at Max SPL  
 S/N Ratio: >68 dB, 1 KHz at 1Pa  
 Switch: mute/on  
 Power Supply: DC11-52V, 5 mA typical  
 Weight: 1090g  
 Output Connector :Integral 3-pin XLRM-type  
 Microphone Length (mm): 420(standard)  
 Weight(g): 110  
 Color: Black

### 5.Polar Pattern:



### 4.Accessories for selection

MC1 series cable single-pin shielding unbalance cable:

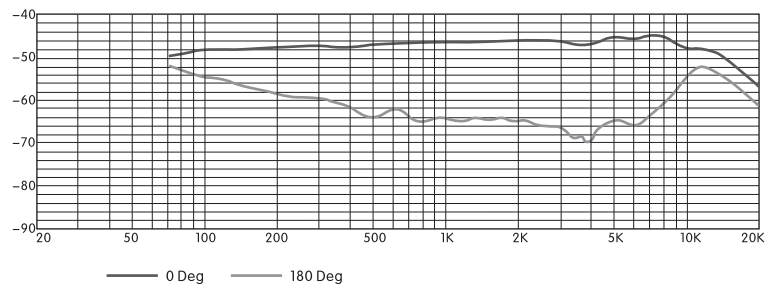
- Type: XLRM+6.3 metal connector
- Size: MC1-03 3m/MC2-05 5m  
MC1-10 10m/MC1-20 20m

MC2 series double-pins shielding balance cable

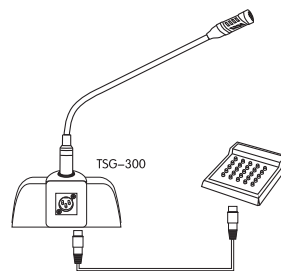
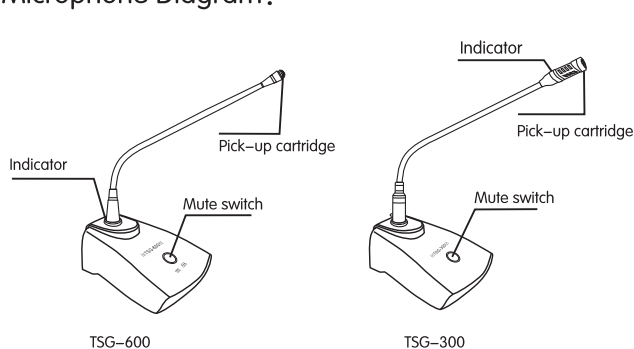
- Type: XPRM+XLRF
- Size: MC2-03 3m/MC2-05 5m  
MC2-10 10m/MC2-20 20m

P-48V1S: Single channel 48V phantom power supply  
 (with switch to control external connected microphone)

### 6.Frequency Response:



### 7.Microphone Diagram:



Connect the amplifier: connect XLRM outlet to other equipment, such as microphone amplifier, mixer etc.

#### Battery installation

