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Product Introduction

TSG-910 is a wide frequency response condenser super directional microphone, with high quality sound pickup function, It is designed to the sound reinforcement, professional recording, television, broadcast, conference and other demanding high quality sound pickup applications.

The terminals of the TSG-910 are standard 3-pin XLRM. The tube body is a small diameter gooseneck design, which can easily adjust the pickup head to any position, and has a mute light indicator.

The base shell is made of durable alloy castings, which is sturdy and artistic, and the base has a mute function switch.

Low impedance balanced audio output, the audio signal is output through the 2 and 3 pins of the XLR male header, and the 1 pin is connected to the ground (shield), and the output phase will be set on the 2 pin with a positive phase level.

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Accessories for selection

MC2 series double-pins shielding balance cable:

- Type: XLR male + XLR female
- 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).

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Specifications

Microphone type: backplane polarized electrostatic capacitive

Polar Pattern: supercardioid unidirectional

Frequency response: 20 Hz — 20 KHz

High pass filter: 50 Hz, 18 dB / octave

Sensitivity: -44 dB, at 1 V at 1 Pa

Output impedance: 280 Ω

Maximum sound level: 120 dB, 1 KHz at 1% T.H.D

Dynamic range (typical): 115 dB, 1 KHz at maximum sound pressure

S/N ratio: >72 dB (A) , 1 KHz at 1 Pa

Phantom power: DC 11-52 V

Power consumption: 4 mA (typical)

Output connector: built-in 3-pin XLRM type

The best distance for pickup: 10-40 cm

Dimensions (mm): 150 (L) x 107 (W) x 277 (H)

Weight (g): 950g

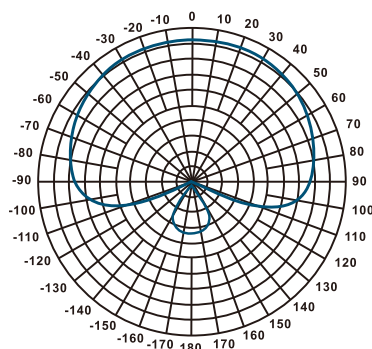
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Note

Condenser microphones 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 permanent 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°C or with high humidity.

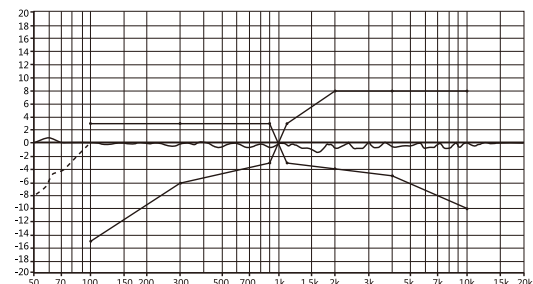
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Polar Pattern



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Frequency Response



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Microphone Diagram

