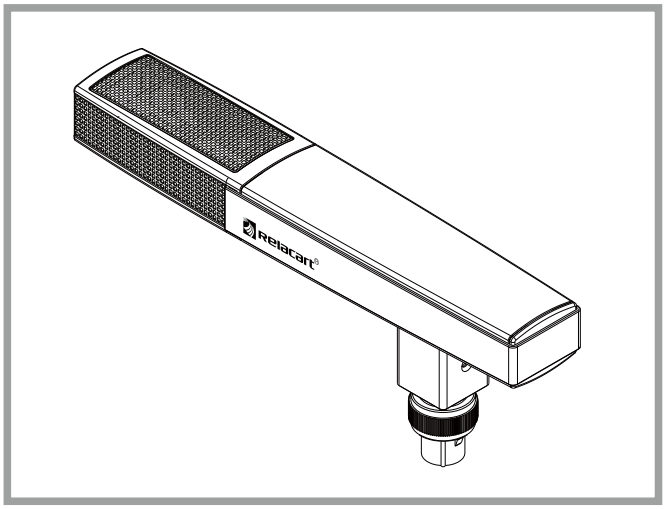
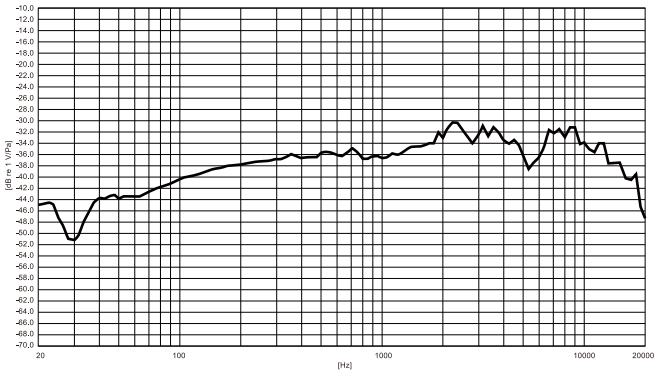
MS-923/933
48V Square Microphone



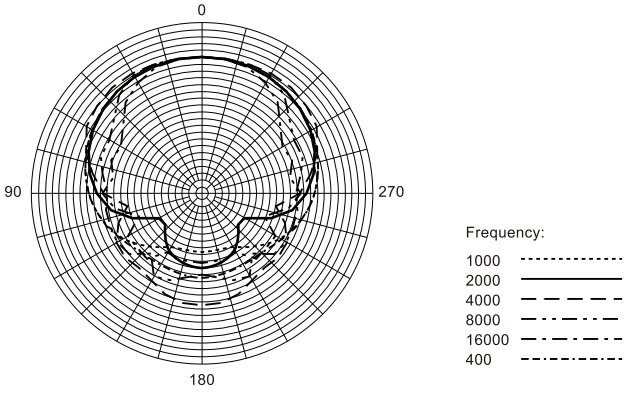
01 Key Features

The MS series is a microphone with a three-pin XLR female. Using a new square microphone tube and a condenser cardioid capsule, it can accurately pick up the sound and reduce the interference of environmental noise by using the principle of low end sensitivity. With the use of 48V phantom power supply, it can support a variety of bases within the rated voltage, and at the same time provides a stable power supply for the microphone to reduce the occurrence of failures.

02 Frequency Response



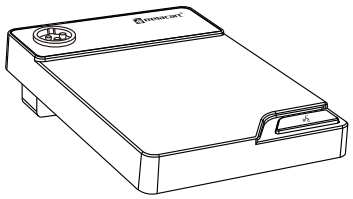
03 Polar Pattern



04 Specifications

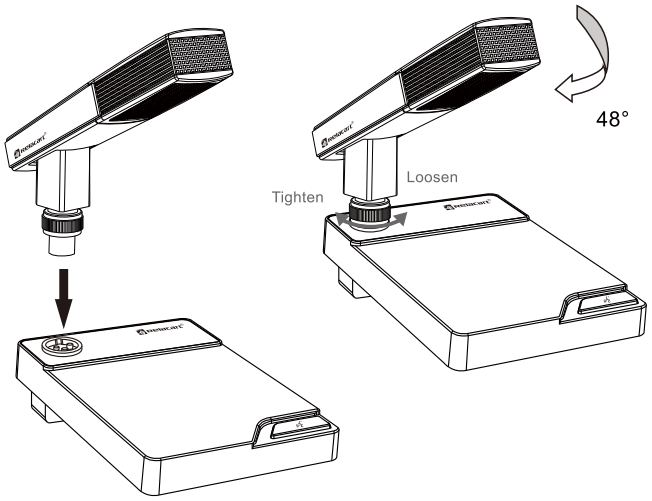
Microphone Type: Condenser cardioid directional
Frequency Response: 100Hz-15KHz
S/N Ratio: >65dB/1kHz at 1Pa
Sensitivity: -38dB/1kHz at 1Pa
Max. Input Sound Level: 125dB SPL/1KHz at 1% THD
Dynamic Range (Typical): 100dB, 1KHz at maximum sound pressure
Output Impedance: 420Ω
Power Supply: DC 24-48V phantom power supply, Power consumption 5mA (Typical)
Interface: Three-pin balanced XLR female with lock
Dimensions (mm): 225 (L) x 42 (W) x 87 (H)
Weight: about 355g

05 Optional Desktop Microphone Base



· TDN1 Conference base

06 Product Installation and Use



As shown in the figure, MS series square microphone adopts XLRF plug as the output terminal of microphone signal. Align the XLR female plug with the base XLR male position and insert it, and then tighten the screw ring to use. The design of the spiral ring socket makes the connection between the MS series square microphone and the base more firm, which can effectively prevent the mechanical noise caused by the loose connection between the microphone and the base during use.

The audio output of the MS series square microphone is a low-impedance balanced audio output. The audio signal is output through the No. 2 and No. 3 pins of the XLR female output terminal, and the No. 1 pin is connected to the ground wire (shield). The output phase is positive. The phase wrap is set on pin 2.