

 STAPES

Boundary Layer Microphones



**RF INTERFERENCE
FREE**

WIRED BOUNDARY MICROPHONE

B6000

Features:

Directional property: omnidirectional

Frequency response: 40-20000Hz

Sensitivity: -40dB (7.0mV)

Output impedance: 200 Ω

Maximum sound pressure: 138dB, 1kHz

Signal to noise ratio: 67dB.1KHz AT PA

Dynamic range: 111dB.1KHz AT MAX SPL

Pickup range: 60 ° elevation sound

Power supply: 48V phantom power supply,
5-meter parallel line



Specifications:

- A digital interface microphone designed specifically for online conferences, online broadcasting, interviews, and other occasions;
- Built in omnidirectional microphone, with a pickup distance of over 2 meters, 360 degree pickup, and clearer sound;
- Advanced Radio Frequency Interference (RFI) shielding technology to isolate interference from mobile phone signals;
- The bottom is designed with anti slip rubber pads to prevent the microphone from sliding and reduce the impact of desktop vibration;
- Touch type silent switch to eliminate mechanical noise from traditional switches;
- Compact and portable, easy to operate, allowing for online meetings or recording work anytime, anywhere.



WIRED BOUNDARY MICROPHONE

B6100

Features:

Directivity: omnidirectional

Frequency response: 20 Hz-20,000Hz

Sensitivity: -43 dB (7.0 mV) at 1V 1Pa

Impedance: 200 Ω

Dynamic range: 111 dB, 1 kHz at maximum sound pressure

SNR: 67 dB, 1 kHz at 1Pa

Phantom power supply: 48V Phantom,

Power consumption: 2mA



Specifications:

- Designed to be used on plane to provide high-quality sound receiving and conference application.
- Hemisphere unidirectional restricts noise backwards and makes hearing sound receiving ahead clearly.
- The microphone is powered by D.C. 48V phantom power supp



WIRED BOUNDARY MICROPHONE

B225

Features:

Directivity: omnidirectional

Frequency response: 20 Hz-20,000Hz

Sensitivity: -43 dB (7.0 mV) at 1V 1Pa

Impedance: 200 Ω

Dynamic range: 111 dB, 1 kHz at maximum sound pressure

SNR: 67 dB, 1 kHz at 1Pa

Phantom power supply: 48V Phantom Power

Power consumption: 2mA

Weight: 115g



Specifications:

- Designed to be used on plane to provide high-quality sound receiving and conference application.
- Hemisphere unidirectional restricts noise backwards and makes hearing sound receiving ahead clearly.
- The microphone is powered by D.C. 48V phantom power supply.
- With On/Off Switch Button



WIRED BOUNDARY MICROPHONE

B220

Features:

Directivity: omnidirectional

Frequency response: 20 Hz-20,000Hz

Sensitivity: -43 dB (7.0 mV) at 1V 1Pa

Impedance: 200 Ω

Dynamic range: 111 dB, 1 kHz at maximum sound pressure

SNR: 67 dB, 1 kHz at 1Pa

Phantom power supply: 48V Phantom power

Current consumption: 2mA

Weight: 111g



Specifications:

- Designed to be used on plane to provide high-quality sound receiving and conference application.
- Hemisphere unidirectional restricts noise backwards and makes hearing sound receiving ahead clearly.
- The microphone is powered by D.C. 48V phantom power supply.



WIRED BOUNDARY MICROPHONE

B227

Features:

Directivity: omnidirectional

Frequency response: 20 Hz-20,000Hz

High-pass filter: 80Hz,18dB AT OCTAVE

Sensitivity: -43dB(7.0mV) 1V AT 1Pa

Output impedance: 200Ω

The maximum sound pressure: 125dB,1KHz AT 1%T.H.D

Dynamic Range: 111dB,1KHz AT MAX SPL

Noise ratio: 67dB.1KHz AT PA

Phantom Power: 48V Phantom

Output connector: XLR



Specifications:

- Designed to be used on plane to provide high-quality sound receiving and conference application.
- Hemisphere unidirectional restricts noise backwards and makes hearing sound receiving ahead clearly.
- The microphone is powered by D.C. 48V phantom power supply



TABLE EMBEDDED BUTTON MICROPHONE

B223

Features:

Type: condenser

Directivity characteristics: omnidirectional

Frequency response: 20 Hz-20KHz

Enabling sensitivity: -42 dB (7.9 mV) at 1V 1 Pa

Output impedance: 200Ω

Maximum withstanding sound pressure: 125dB
sound pressure, 1 kHz at 1% THD

SNR: 64 dB, 1 kHz at 1 Pa

Dynamic range: 112 dB, 1 kHz at maximum sound
pressure

Phantom power supply: D.C. 11~52V DC, 2 mA

Typical power consumption: 2 mA

Weight: 63g

Size: 69.0mm X 28.0 mm (length×diameter)

Output connector: built-in 3-pin XLRM Cannon
male connector

Accessory: insulation vibration-proof rubber ring



Specifications:

- The embedded condenser microphone with omnidirectional embedded design is particularly suitable for being installed on inconspicuous desktop, ceiling and instrument panel and used for professional recording, TV and broadcasting, video conference, classroom recording and other sound receiving applications with high requirements.
- The RFI shielding technology delivers outstanding capabilities against RFI to avoid disturbance by mobile phone during sound receiving.
- The microphone peak is in conformity with RoHS specifications and does not contain hazardous substances forbidden by the EU.
- The microphone shall be installed on a straight, flat and barrier-free plane and small-sized pickup head near the plane is used to remove phase distortion and produce articulated and high-output performance.
- The built-in power supply module operates under D.C. 11V to 52V phantom power supply. The enclosure shall be of durable alloy casting and dual-layer protection screen design. The microphone is completed with anti-vibration insulation rubber to avoid vibrating noise on the installation surface.

TABLE MICROPHONE STAND

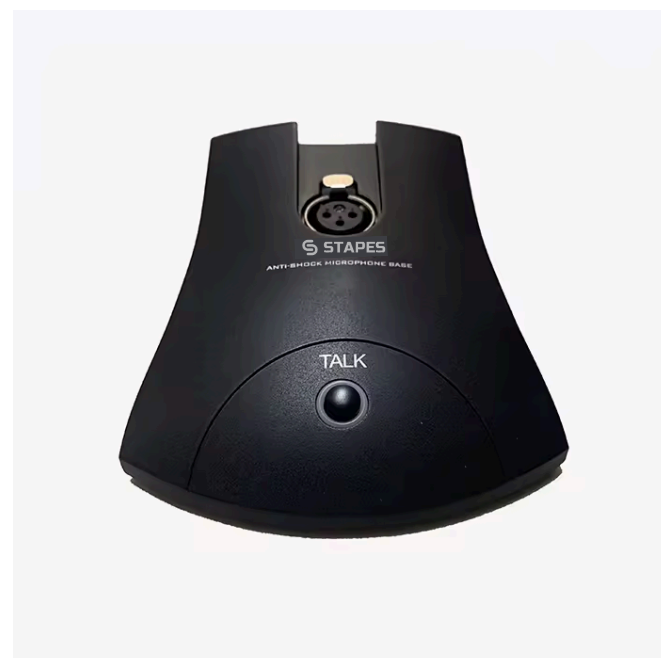
MAT 155-S

Features:

- Metal shell desktop structure design.
- Gooseneck type bending adjustment structure can arbitrarily adjust the microphone to a suitable position;
- It is used to enhance high-quality pickup applications such as pickup, conference, television broadcasting and professional recording;
- Electret condenser cardioid single directional microphone with strong anti-interference ability of mobile phone;
- Built in sound head pre power supply and amplifier assembly, which needs external DC 48V phantom power supply;
- It has built-in high-quality low-frequency attenuation circuit and low impedance balanced audio output;
- The length of microphone rod can be configured according to actual needs;
- With speech switch button.

Specifications:

The MAT 155-S is a sturdy, wired table stand that provides a stable base for XLR-3 gooseneck microphones. It has a user-friendly microphone button with a two-color status display that provides quick visual feedback on whether the microphone is active or muted. The model is available in black color.



GOOSENECK MICROPHONE

MEG 15-42



Features:

- 42 cm Metal shell desktop structure design.
- Gooseneck type bending adjustment structure can arbitrarily adjust the microphone to a suitable position;
- It is used to enhance high-quality pickup applications such as pickup, conference, television broadcasting and professional recording;
- Electret condenser cardioid single directional microphone with strong anti-interference ability of mobile phone;
- Built in sound head pre power supply and amplifier assembly, which needs external DC 48V phantom power supply;
- It has built-in high-quality low-frequency attenuation circuit and low impedance balanced audio output;
- The length of microphone rod can be configured according to actual needs;
- With speech switch button.

Specifications:

Type.....	Capacitive gooseneck unit
Frequency response.....	50Hz—20KHz
SNR.....	-45dB
Dynamic range.....	>50dB
THD.....	< 0.05%
Microphone sensitivity.....	3ft
Working voltage.....	48V DC
Working current.....	50mA ± 5%
Connections.....	Desktop
Connector.....	3pin xlr





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