

# MicroPod™ Series MICRO-GOOSENECK W/ M1250B

## OVERVIEW:

The MicroPod™ Series is a modular system consisting of the M1250B miniature condenser microphone combined with either a 6, 12 or 18 inch gooseneck. Designed for applications such as presentations, meetings and teleconferencing, the MicroPod™ Series is known for clarity, immunity to RF, excellent sound quality and ease of operation. The MicroPods have the ability to accurately capture and reproduce vocals from a comfortable distance.

The MicroPod™ Series is characterized with a uniformly controlled cardioid polar pattern, helping to isolate the speaker from other ambient noise in the room or on the stage. The MicroPods are also available with a hypercardioid polar pattern (models MicroPod6HC, MicroPod12HC, and MicroPod18HC) for tighter pick-up control. With a wide frequency range of 50 Hz - 19 kHz, the MicroPods will provide natural sound with exceptional transient response.

One of the advantages of the The MicroPod™ is that the gooseneck can be utilized with any of the microphones from the Micros™ Series, allowing for more flexibility and a broad range of applications. The MicroPod™ Series, which is often used in conjunction with the Audix ATS-10 table stand with lighted on-off switch, may also be used on a standard mic stand when used with the DClip mic stand adapter. The MicroPod™ Series features a machined brass microphone with integrated mic preamp, field replaceable capsule, high quality gooseneck terminating in a standard XLRm and a variety of optional accessories. The MicroPod™ Series require 18 - 52 Volts phantom power and are available in a non-reflective black matte finish.

## SUPPLIED ACCESSORIES:

Flange table mount (TM1218)  
External foam windscreen (WS21218)

## OPTIONAL ACCESSORIES:

ATS-10 - Heavy-duty table mount with lighted on-off switch  
SMT1218R - Rubber insulated shockmount  
DCLIP - Mic stand adapter  
APS-2 - Two-channel phantom power supply  
WS1251 - Heavy duty dual stage windscreen  
CBL-20 - 20 ft. XLRm to XLRf microphone cable

## MODEL VARIATIONS:

MicroPod6 - M1250B Cardioid mic with 6 inch gooseneck  
MicroPod6HC - as above with M1250B Hypercardioid mic  
MicroPod12 - M1250B Cardioid mic with 12 inch gooseneck  
MicroPod12HC - as above with M1250B Hypercardioid mic  
MicroPod18 - M1250B Cardioid mic with 18 inch gooseneck  
MicroPod18HC - as above with M1250B Hypercardioid mic

## REPLACEMENT CAPSULES:

CPSMICROC - Cardioid  
CPSMICROHC - Hypercardioid



(Pictured with optional ATS-10)

## FEATURES:

- Portable, easy to position
- Natural accurate sound
- Clean elegant appearance
- Available with cardioid or hypercardioid polar pattern
- Dual gooseneck sections allows for precise positioning (12 and 18 inch models)
- Low noise circuit with RF immunity
- Uses standard XLR cable

## APPLICATIONS:

- Pulpit, podium
- Conference room
- Board meetings
- Courtroom
- Education

# MICROPOD

**SPECIFICATIONS:**

<b>Transducer Type</b>	<b>Condenser</b>
<b>Frequency Response</b>	<b>50 Hz - 19 kHz</b>
<b>Polar Pattern</b>	<b>Cardioid</b>
	<b>Hypercardioid</b>
<b>Output Impedance</b>	<b>150 ohms</b>
<b>Sensitivity</b>	<b>10 mV / Pa (C) @ 1k</b>
	<b>10 mV / Pa (HC) @ 1k</b>
	<b>11 mV / Pa (O) @ 1k</b>
<b>Signal/Noise Ratio (A-weighted)</b>	<b>73 dB</b>
<b>Equivalent Noise Level (A-weighted)</b>	<b>21 dB</b>
<b>Maximum SPL @ .5% THD</b>	<b>≥140 dB</b>
<b>Dynamic Range</b>	<b>119 dB</b>
<b>Power Requirements</b>	<b>18 – 52 V</b>
<b>Connector</b>	<b>3 pin XLRm</b>
<b>Polarity</b>	<b>Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3</b>
<b>Housing / Finish</b>	<b>Machined brass / Powder coat</b>
<b>Weight of M1250</b>	<b>20 grams / 0.7 oz</b>
<b>Length of M1250</b>	<b>54 mm / 2.1 inches</b>
<b>Length of Goosenecks</b>	<b>157.5 mm / 373 mm / 430 mm</b>
	<b>6 inches / 12 inches / 18 inches</b>

**ARCHITECTS AND ENGINEERS SPECIFICATIONS:**

The microphone system shall consist of a condenser type with a modular threaded capsule and a variety of gooseneck attachments. The microphone shall be available in a cardioid and hypercardioid polar pattern and shall have a base terminating in a miniature male XLR. The gooseneck shall terminate in a miniature female XLR at the microphone end and shall have a base terminating in a male XLR plug. The microphone shall operate on 18-52 Volts phantom power. The microphone shall have a sensitivity of 10 mV/ Pa and a nominal impedance of 150 ohms at 1 kHz. The microphone shall have a maximum SPL level of ≥150 dB and shall be machined from brass with gooseneck fabricated from aluminum tubing, brass fittings, and coiled steel gooseneck material. The microphone be 12 mm in diameter and the gooseneck available in 6 inch, 12 inch, and 18 inch length. The microphone system shall be called the MicroPod™ Series.

**OPERATION AND MAINTENANCE:**

The MicroPod™ Series are low impedance microphones and should be plugged into a "mic level" input on your console, mixer or recording device. The MicroPod microphones require phantom power and will NOT operate without phantom power voltage (minimum of 18-52 Volts) which is available on most professional mic preamps and mixing devices. Avoid plugging or unplugging the microphone from a PA system unless the channel is muted or the volume of the system turned down. Failure to do so may result in a loud "popping" noise which could seriously damage the speakers in the PA system.

**Changing Capsules:** Capsules can easily be interchanged by simply screwing them on and off the capsule housing.

**Permanent Installation:** The MicroPod™ can be conveniently plugged into any standard XLR female connector or receptacle. For permanent installation onto a table, podium or flat surface, use the supplied flange shockmount. The base of the MicroPod™ fits securely into the flange and a standard XLRf microphone cable or panel jack may be used. If further shockmount or isolation is required, it is recommended to use the optional SMT1218R rubber shockmount which requires boring out a 2 inch hole.

**USER TIPS:**

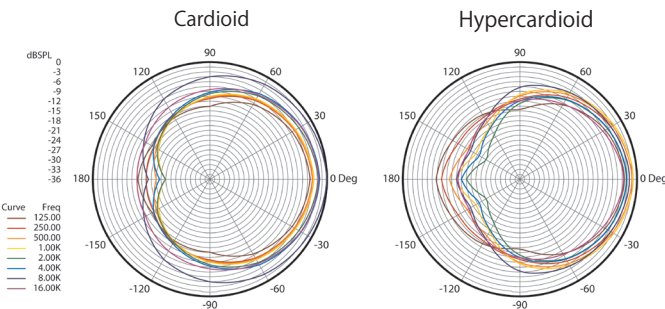
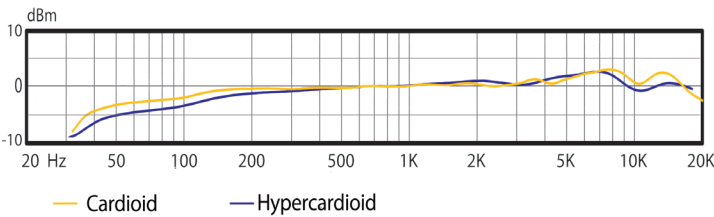
**Speaking distance and angle of microphone:** The two flexible portions of the microphone will enable you to position the mic according to height and speaking style of the user. In general, the microphone can be angled at 60-75 degrees towards the speaker and be 12-16 inches away from the mouth. A shorter distance can be used for a fuller sound or for weaker voices.

**Windscreen:** The supplied windscreen should be used to help minimize pop noise and breath noise. If breath or pop noise appears to be excessive, either move further away from the microphone or try speaker over the top of the microphone rather than directly into it. To further control excessive pop or breath noise, the optional WS1281 is suggested.

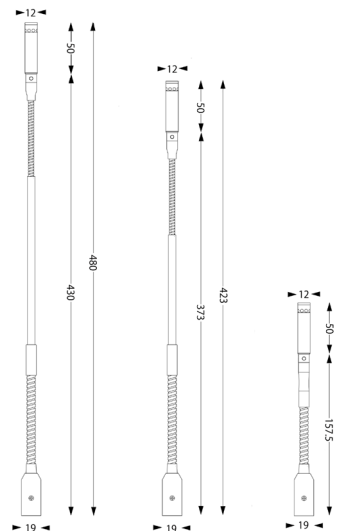
**Using with ATS-10 Table Stand:** For ultimate flexibility and portability, the optional ATS-10 heavy duty table stand is ideal. Since the electronics for the MicroPod™ is built right into the housing of the M1250B microphone, all that is necessary is to plug the mic directly into the table stand connector on the top of the base. The mic cable will be plugged into the back of the base and connected to a low impedance mic level input on the mixer or recording device. Remember that phantom power is required in order to operate. There is a noiseless 2 position on-off switch located in the table stand. The down position is 'on' and the up position is 'off'. The LED indicator light will be lit when the mic is turned on. This is not a push-to-talk system so you need not hold down the switch, just push and click to on or off position. A standard XLR-XLR microphone cable can be used to connect the ATS-10 to the mixer or recording device.

**To use on microphone stand:** The MicroPod™ may be used on any standard microphone stand by using the DClip. The XLR base of the microphone will snap securely into the DClip and can be used at any angle.

**FREQUENCY / POLARS:**



**DIMENSIONS: (mm)**



\*\*\*All specifications subject to change without notice.

**SERVICE AND WARRANTY:**

This product is under warranty for a period of 3 years from any and all manufacturing defects. Should your microphone fail in any way, please contact the Audix Service department at 503-682-6933. A Return Authorization number is required before returning any products.

**CARE AND MAINTENANCE:**

The MicroPod™ is manufactured to exacting specs with roadworthy construction. However, the capsule is highly sensitive and should be handled with care. Avoid extreme temperatures and be sure to store your microphone in the pouch provided when not in use. Moisture of any kind can adversely affect the sound and performance of your microphone.

To register your microphone, please visit [www.audixusa.com](http://www.audixusa.com)



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