

# M60 Low Profile Boundary Microphone

## OVERVIEW:

Designed, machined, assembled and tested by Audix in the USA, the M60 is a miniaturized condenser microphone with fully integrated electronics and immunity from RF interference typically caused by cell phones and GSM devices.

Primary applications for the M60 are: podium, corporate board rooms, meetings and video conferencing where aesthetics and audio quality are of prime importance. The microphone element is cardioid by design; however a "hemi-cardioid" polar pattern is produced when coupled with a flat surface such as a table, floor, wall or podium.

The striking design of the M60 brass housing is achieved through an intricate process utilizing a computer controlled machining center. The bottom of the housing is treated with a shock absorbent material for dampening purposes and has two threaded holes that allow the M60 to be bolted into a permanent position if desired.

A high quality 25' shielded mic cable is attached directly to the internal circuitry of the M60 with the ability to exit the housing at either 180 or 90 degrees, depending on whether the cable will be routed through a drilled surface. In addition, there are two types of connectors offered: XLRm or Phoenix.

Available in satin nickel, black, or white finish, the M60 operates on 18 – 52 volts phantom power.

## SUPPLIED ACCESSORIES:

Depending on model: Either 25' integrated mic cable terminating with Phoenix connector (CONN170F) and mating connector (CONN170M) or XLRm

## MODEL VARIATIONS:

M60P - Black, Phoenix connector  
M60X - Black, XLRm connector  
M60NP - Satin nickel, Phoenix connector  
M60NX - Satin nickel, XLRm connector  
M60WP - White, Phoenix connector  
M60WX - White, XLRm connector



## FEATURES:

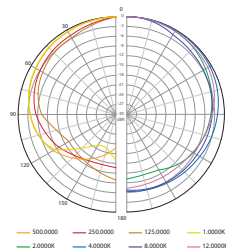
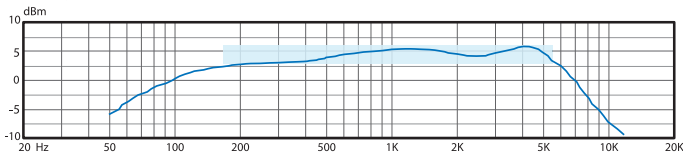
- Extremely high sensitivity
- Employs proprietary low noise circuitry
- Optimized for voice
- Stylized brass housing
- Immunity from RF interference
- Operates on 18-52 volts phantom power
- No external power adapter needed
- Shock absorbent
- Cable may be positioned at 180 or 90 degrees
- Available with either XLRm or Phoenix connector
- Available in satin nickel, black or white

## APPLICATIONS:

- Board room meetings
- Video conferencing
- Podium

**SPECIFICATIONS:**

<b>Transducer Type</b>	<b>Condenser</b>
<b>Frequency Response</b>	<b>70 Hz - 8 kHz</b>
<b>Polar Pattern</b>	<b>Hemi-Cardioid</b>
<b>Output Impedance</b>	<b>150 ohms</b>
<b>Sensitivity</b>	<b>68 mV / Pa @ 1k*</b>
<b>Signal / Noise Ratio (A-weighted)</b>	<b>72 dB</b>
<b>Equivalent Noise Level (A-weighted)</b>	<b>22 dB</b>
<b>Maximum SPL @ .5% THD</b>	<b>≥130 dB</b>
<b>Dynamic Range</b>	<b>108 dB</b>
<b>Power Requirements</b>	<b>18 - 52v phantom</b>
<b>Connector</b>	<b>3 pin phoenix terminal or 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>Brass / Black, White, Nickel</b>
<b>Weight</b>	<b>8.3 ounces / 232 g</b>
<b>Diameter</b>	<b>2.5 inches / 63.5 mm</b>
*measured at 20" 94dB on 20" x 20" (500mm x 500mm) surface	

**FREQUENCY / POLARS:**

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

**SERVICE AND WARRANTY:**

This microphone 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 (RA) number is required before returning any products.

**CARE AND MAINTENANCE:**

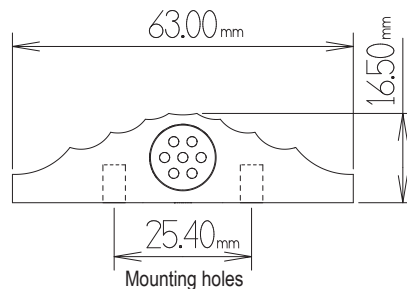
The M60 is manufactured to exacting specs with road worthy construction. However, the capsule is highly sensitive and should be handled with care. Moisture of any kind can adversely affect the sound and performance of your microphone.

**ARCHITECTS AND ENGINEERS SPECIFICATIONS:**

The microphone shall be of the condenser type with modular capsule available in hemi-cardioid polar pattern. The microphone shall be protected from RF interference. The microphone shall have a fully integrated preamp circuitry thereby eliminating the need for a remote phantom power module. The microphone shall operate on 18-52 Volts DC and the nominal output impedance shall be equal to 150 ohms at 1 kHz. The microphone shall have a sensitivity of 68 mV / Pa at 1 kHz. The microphone shall have a maximum SPL level of ≥130 dB with THD of 0.5%. The microphone shall be machined out of brass and the dimensions shall be 63 mm in diameter by 12mm maximum height. The microphone shall be the Audix M60

**OPERATION:**

The M60 is a low impedance microphone and should be plugged into a "mic level" input on your console, mixer or recording device. The M60 requires phantom power and will NOT operate without phantom power voltage (18-52 Volts) which is available on most professional mic preamps and mixing devices. If phantom power is not available, use a phantom power supply (such as the Audix APS2). Avoid plugging or unplugging the microphone into or out of the audio 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 and the sound system.

**DIMENSIONS (MM):**

www.audixusa.com  
503-682-6933 Fax: 503-682-7114  
Audix Corporation 9400 SW Barber St. Wilsonville, OR 97070



ver. 1.0 - 3/12

**AUDIX WARRANTY REGISTRATION FORM**

Name: \_\_\_\_\_ Model: \_\_\_\_\_  
 Company: \_\_\_\_\_ Serial Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Store: \_\_\_\_\_  
 City: \_\_\_\_\_ Store Location: \_\_\_\_\_  
 Prov./State: \_\_\_\_\_ Zip: \_\_\_\_\_ Purchase Date: \_\_\_\_\_  
 Phone: ( ) \_\_\_\_\_ Signature: \_\_\_\_\_  
 Email: \_\_\_\_\_ Date: \_\_\_\_\_

Please register your product online at [www.audixusa.com](http://www.audixusa.com) or mail this form to:  
 Audix Microphones P.O. Box 4010 Wilsonville, OR 97070

Please Check all that apply:

☐ Male ☐ Female

Age:

- ☐ 18 or Under  
☐ 19-25  
☐ 26-35  
☐ 36-45  
☐ 46-55  
☐ 55 +

Occupation:

- ☐ Musician  
☐ Producer  
☐ Sound Eng.  
☐ Radio/TV  
☐ Production  
☐ Other \_\_\_\_\_

Primary Instruments:

- ☐ Vocal  
☐ Guitar / Bass  
☐ Drums  
☐ Keyboard  
☐ Brass  
☐ Woodwinds  
☐ Strings  
☐ Other \_\_\_\_\_

Product to be used for:

- ☐ Pro live sound  
☐ Pro recording  
☐ Home recording  
☐ Rehearsal  
☐ Installation  
☐ School  
☐ House of Worship  
☐ Other \_\_\_\_\_

How did you hear about Audix?

- ☐ Magazine Ad ☐ Online Ad  
☐ Online Store ☐ Friend  
☐ Salesman ☐ Other \_\_\_\_\_

Do you own other Audix Products? ☐ Yes ☐ No

Model(s) \_\_\_\_\_

Have you visited the Audix website? ☐ Yes ☐ No