

M60 Low Profile Boundary Microphone

OVERVIEW

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 terminal connectors.

MODEL VARIATIONS

Each microphone comes with a 25' integrated cable terminating into a XLRm (CONN170M or terminal connector (CONN170f)

M60 - Black with XLRm connector

M60P - Same as above with terminal connector

M60N - Satin nickel with XLRm connector

M60NP - Same as above with terminal connector



FEATURES

- Optimized for voice
- Immunity from RF interference
- Extremely high sensitivity
- Miniaturized integrated preamp circuitry
- Proprietary low noise circuitry
- Designed, machined, assembled & tested in the USA
- 3 year warranty

APPLICATIONS

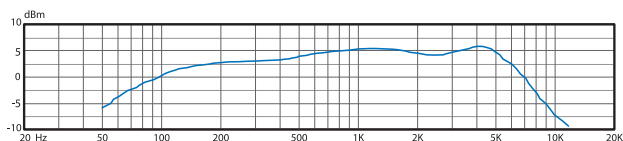
- Video Conferencing
- Board rooms
- Podium
- Courtroom

M60

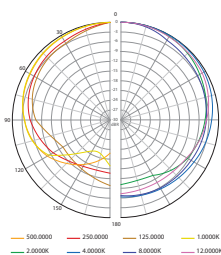
SPECIFICATIONS

Transducer Type	Condenser
Frequency Response	70 Hz - 8 kHz
Polar Pattern	Hemi Cardioid
Output Impedance	150 ohms
Sensitivity	68 mV / Pa @ 1k
Equivalent Noise Level	22 dB (A-weighted)
Signal to Noise Ratio	72 dB
Maximum SPL	≥130 dB
Dynamic Range	108 dB
Power Requirements	18-52 V phantom
Connector	3-pin XLRm
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector
Materials / Finish	Brass/ Black, Nickel Finish
Weight	232 g / 8.3 oz
Length	63 mm / 2.48 in

FREQUENCY RESPONSE



POLAR PATTERNS



ARCHITECT AND ENGINEER SPECIFICATIONS

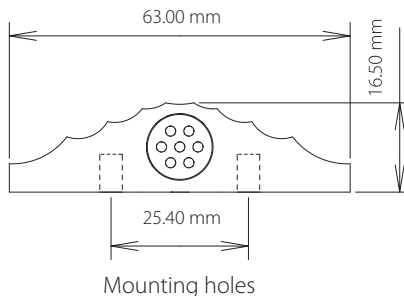
The microphone shall be of the condenser type with modular capsule available in hemi-cardioid polar pattern. The microphone shall be protected from RF interference. The microphone shall have a fully integrated preamp circuitry thereby eliminating the need for a remote phantom power module. The microphone 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 AND MAINTENANCE

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 on your equipment, use an external phantom power source 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.

Further miking techniques may be found at www.audixusa.com.

DIMENSIONS (mm)



PRODUCT REGISTRATION: Please register your product online at www.audixusa.com/docs_12/about/product_registration.shtml.

SERVICE AND WARRANTY: This microphone is under warranty for a period of 3 years to be free of defects in material and workmanship. In the event of a product failure due to materials or workmanship, Audix will repair or replace said product at no charge with proof of purchase. Audix does not pay or reimburse shipping costs for warranty repairs or returns. The warranty excludes any causes other than manufacturing defects, such as normal wear, abuse, environmental damage, shipping damage or failure to use or maintain the product per the supplied instructions. No Implied Warranties: All implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose are hereby excluded. The liability of Audix, if any, for damages relating to allegedly defective products shall be limited to the actual price paid by Dealer for such products and shall in no event include incidental or consequential damages of any kind. Should your microphone fail in any way, please contact the Audix Service department at 503.682.6933. A Return Authorization is required before returning any product. OTHER THAN THIS WARRANTY, AUDIX MAKES NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCTS, THE USE OF THE PRODUCTS, THE PERFORMANCE OF THE PRODUCTS. AUDIX SHALL NOT BE LIABLE FOR SPECIAL INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES ARISING FROM OR BASED ON THE SALE, USE, STORAGE OR DISPOSAL OF THE PRODUCTS, AUDIX'S SERVICE WORK, BREACH OF WARRANTY, BREACH OF CONTRACT. NEGLIGENCE, OR ANY OTHER THEORY OF LIABILITY, EVEN IF AUDIX HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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