

MicroBoom™ CARBON FIBER BOOM SYSTEM

OVERVIEW:

The MicroBoom™ is available in three models, the MICROBOOM24, which is 24 inches (609 mm) long, MICROBOOM50, which is 50 inches (1270 mm) long and the MICROBOOM84, which is 84 inches (2134 mm) long. They are each made from a carbon fiber rod that can be utilized with any of the condenser microphones in the Micros series. Lightweight and able to attach to any microphone stand, the MicroBoom™, is a problem solver for many hard-to-reach miking applications including choir, plays, and orchestra.

The MicroBoom™ can be used with a choice of capsules in the Micros series, offering a broad choice of pick-up pattern and frequency response. High quality shielded cable is used internally to insure the cleanest audio signal path between the microphone and the bottom of the boom, which terminates in a mini-XLR male connector. The stand adapter designed for the MicroBoom™ allows for total control over the angle, rotation, and position of the carbon fiber rod. A metal thumbscrew locks the rod firmly in place. The final angle and position of the microphone is controlled by using the flexible metal gooseneck just below the microphone. The MicroBoom™ provides an ultra-clean, professional, and elegant appearance on stage while providing exceptional performance and portability.

SUPPLIED ACCESSORIES:

25' shielded mic cable. Mini-XLRf - XLRm (CBLM25)
Mic stand adapter with thumbscrew and wing nut adjustments (MCBOOM)
Windscreen (WS1218)

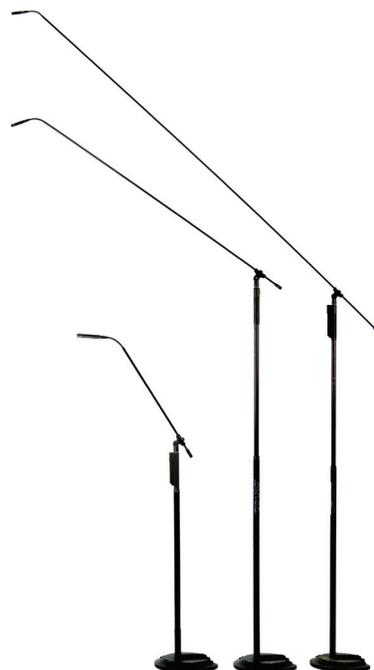
OPTIONAL ACCESSORIES:

Pedestal mic stand adjustable 13-20 inches (MBSTAND)
50' shielded mic cable. Mini-XLRf - XLRm (CBLM50)

MODELS AVAILABLE AS A SYSTEM* (includes microphone):

MB5050 - MICROBOOM50 with M1250B cardioid mic
MB5050HC - MICROBOOM50 with M1250BHC hypercardioid mic
MB5055 - MICROBOOM50 with M1255B high output cardioid mic
MB5055HC - MICROBOOM50 with M1255BHC hypercardioid mic
MB8450 - MICROBOOM84 with M1250B cardioid mic
MB8450HC - MICROBOOM84 with M1250BHC hypercardioid mic
MB8455 - MICROBOOM84 with M1255B high output cardioid mic
MB8455HC - MICROBOOM84 with M1255BHC hypercardioid mic

*MICROBOOMS can also be used with any other Audix Micros Series Condenser



FEATURES:

- Lightweight, rigid
- Portable, easy to position
- Clean, elegant appearance
- Choice of capsules
- Exceptional sound quality
- No external power adapter needed
- Attaches to any mic stand
- Can be used horizontally or vertically

APPLICATIONS:

- Choir
- Ensemble vocal
- Theatre
- Orchestral zone miking
- Location recording
- Presentation
- Conference room



MCBOOM



MBSTAND

MicroBoom™

SPECIFICATIONS:

Material Rod	Carbon Fiber
Gooseneck	Steel
Connectors	Brass
Length of Microboom-24	24" / 609 mm
Length of Microboom-50	50" / 1270 mm
Length of Microboom-84	84" / 2134 mm
Diameter	.20" / 7.4 mm
Connectors	Bottom: Mini-xlr male Top: Mini-xlr female
Weight	1.6 ounces / 45 grams 2.5 ounces / 78 grams 4 ounces / 111 grams (without mic or clip)
Finish	Non-reflective black

M1250B & M1255B SPECIFICATIONS:

Transducer Type	Condenser
Frequency Response	50 Hz - 19 kHz
Polar Pattern	Cardioid Hypercardioid
Output Impedance	150 ohms
Sensitivity: M1250B	10 mV / Pa (C) @ 1k 10 mV / Pa (HC) @ 1k
M1255B	32 mV / Pa (C & HC) @ 1k
Signal/Noise Ratio (A-weighted)	73 dB
Equivalent Noise Level (A-weighted)	21 dB
Maximum SPL @ .5% THD: M1250B	≥140 dB
M1255B	≥130 dB
Dynamic Range: M1250B	119 dB
M1255B	109 dB
Power Requirements	18 – 52 V
Connector	3 pin mini-XLRm
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3
Housing / Finish	Machined brass / Powder coat
Weight	20 g / 0.7 ounces
Length	54 mm / 2.1 inches

OPERATION:

The MicroBoom™ is a modular system and simple to use. The microphone attaches to the mini-XLR connector at the end of the gooseneck. To release and remove the microphone from the connector, simply push the black button on the side of the mini-XLR and pull the microphone off.

OUTPUT:

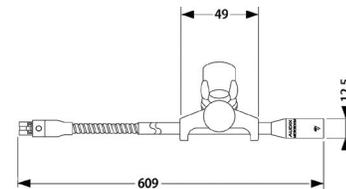
The output for MB5050 and MB5055 systems is balanced across pin 2 (positive) with respect to Pin 3. The shield is connected to Pin 1.

MICROBOOM™ CLUTCH ASSEMBLY

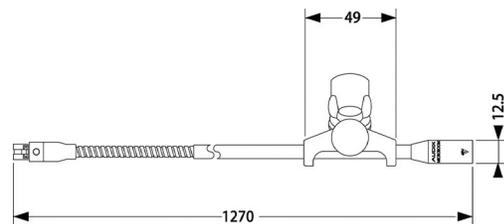


DIMENSIONS: (mm)

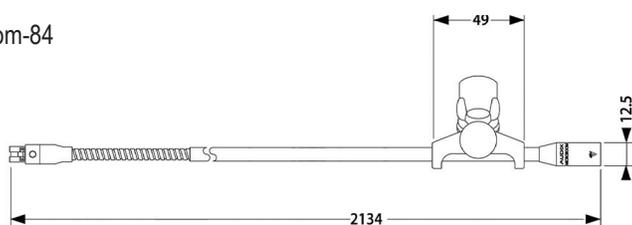
MicroBoom-24



MicroBoom-50



MicroBoom-84



***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 number is required before returning any products.

CARE AND MAINTENANCE:

The MicroBoom™ 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.



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



AUDIX WARRANTY REGISTRATION FORM

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

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
- On-line Store
- Salesman
- Online Ad
- Friend
- Other _____

Do you own other Audix Products? Yes No

Model(s) _____

Have you visited the Audix website? Yes No

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