



Universal Audio Bock 187 Condenser Microphone User Guide

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Universal Audio Bock 187 Condenser Microphone



Introduction

The UA Bock 187 microphone continues Universal Audio's proud tradition of timeless craftsmanship. Lovingly handbuilt at the UA Custom Shop in Santa Cruz, California, your new microphone is designed to deliver uncompromising quality and a lifetime of musical inspiration. This microphone is a phantom-powered large-diaphragm condenser, with a cardioid polar response pattern. Featuring a FET amplifier and fully transformer-balanced audio output, it provides remarkable fullness and presence with exceptionally low background noise. Designed and engineered by David Bock, UA Bock 187 features a larger transformer and more refined bias circuitry versus a vintage U87. This results in higher dynamic range in the low frequencies, as well as more natural guitar and vocal capture.

Getting Started

Place the UA Bock 187 microphone in its included mount on a stable mic stand. As a best practice, mute the input channel and disable phantom power at its source before connecting or disconnecting the mic. The MODE switch offers either a "normal" response or a unique "fat" mode that provides a gentle low mid/bass EQ boost for a warmer sound. This microphone is very sensitive to frequencies below 20 Hz, especially when fat mode is active. Engage the LOCUT switch to reduce unwanted low-frequency noise. For high SPL sources like drums and amplified guitars, the microphone features a -10 dB PAD with voltage divider circuitry, delivering superior transparency versus more common capacitive pads.

For customer support, visit help.uaudio.com

Get Apollo Interface Presets

UA Bock 187 comes with convenient Apollo Channel Strip Presets. These downloadable settings for UA's Apollo audio interfaces give you professional results on a wide range of sources, instantly. To get your presets, download UA Connect by scanning the QR code or visit uaudio.com/mics/presets



UA Bock 187 Specifications

- **Polar Pattern** Cardioid
- **Frequency Range** 20 Hz — 16 kHz, ± 2 dB
- **Sensitivity** -42 dB (8 mV) ref 1V at 1 Pa, 1 kHz
- **Self-Noise** 12 dBA
- **Distortion vs SPL @ 1 kHz**
(Increasing distortion is non-exponential, nearly linear, and primarily 2nd harmonic)
 - 122 dB = 0.5% THD
 - 125 dB = 1% THD
 - 129 dB = 2% THD
- **Output Impedance** 200 Ohms
- **Recommended Load Impedance** > 2K Ohms
- **Maximum SPL** 125 dB SPL, 1% THD
- **Dynamic Range** 113 dB
- **Signal-to-Noise Ratio** 82 dB
- **Capsule**
 - 1" diameter
 - Dual symmetrical backplate
 - Dual diaphragm K67 type
- **Phantom Power Requirements** 48 VDC, 0.5 mA
- **Adjustable Controls**
 - PAD (-10 dB): off, on
 - MODE (bass contour): fat, norm
 - LOCUT (120 Hz rumble): off, on
- **Output Connector** 3-Pin XLRM
- **Dimensions**
 - 7.7" (195mm) length
 - 2" (50 mm) diameter
- **Microphone Weight** 1.6 lbs (725 g)
- **Shipping Weight** 2 lbs (907 g)
- **Safety Standards**
 - UL 62368-2
 - EN 62368-1

Safety



Before using this unit, be sure to carefully read the applicable items of these operating instructions and the safety

suggestions. Afterwards, keep them for future reference. Take care to follow the warnings indicated on the unit, as well as in the operating instructions.

Important Safety Instructions:

- Read and follow all instructions; Heed all warnings; Keep these instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades one wider than the other.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Only use with attachments/accessories specified by the manufacturer. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

-  Used electrical and electronic equipment should not be mixed with general household waste. Please dispose in accordance with local regulations.
-  Hazardous voltage enclosed. Do not open it, will cause shock or burn. If servicing is needed, disconnect the power and contact Universal Audio customer support.

Universal Audio, Inc.

4585 Scotts Valley Drive, Scotts Valley, CA 95066 www.uaudio.com

Declaration of Conformity Statements

United States

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Canada

FREQUENTLY ASKED QUESTIONS

What is the Universal Audio Bock 187 Condenser Microphone?

The Universal Audio Bock 187 is a premium condenser microphone known for its exceptional audio quality and versatility, designed for professional studio recording applications.

What are the key features of the Universal Audio Bock 187 microphone?

The Universal Audio Bock 187 microphone features a large diaphragm capsule, selectable polar patterns (cardioid, omni, figure-8), low self-noise, and a wide frequency response, making it ideal for vocals, instruments, and studio work.

Is the Universal Audio Bock 187 suitable for recording vocals?

Yes, the Universal Audio Bock 187 is an excellent choice for recording vocals, delivering pristine and detailed sound reproduction, making it a top choice for professional singers and voice-over artists.

Can I use it for instrument recording?

Absolutely, the Universal Audio Bock 187 is versatile for instrument recording, capturing acoustic instruments, guitar amps, pianos, and more with exceptional clarity and precision.

Does the Universal Audio Bock 187 microphone require additional audio interfaces or drivers?

Yes, the Universal Audio Bock 187 typically requires a compatible audio interface with +48V phantom power, and you may need appropriate drivers depending on your recording setup; consult the manufacturer's instructions for compatibility details.

Is there a headphone monitoring feature?

No, the Universal Audio Bock 187 microphone itself does not include a headphone monitoring feature. You would need a separate audio interface or mixer with headphone monitoring capabilities for this.

What is the frequency response of the Universal Audio Bock 187 microphone?

The microphone typically has a frequency response of 20 Hz - 20 kHz, capturing a wide range of audio frequencies with exceptional accuracy.

Is there an adjustable gain control on the microphone?

No, the Universal Audio Bock 187 microphone does not typically have an adjustable gain control. Gain control is usually handled by the connected audio interface or mixer.

What is the weight and dimensions of the Universal Audio Bock 187 microphone?

The Universal Audio Bock 187 microphone is a substantial microphone with dimensions of approximately 17 x 11 x 9 inches and a weight of approximately 4 pounds.

Is it suitable for live performances?

While primarily designed for studio use, the Universal Audio Bock 187 may not be the best choice for live performances due to its size and sensitivity to handling noise.

Can I use it with recording software and DAWs?

Yes, the Universal Audio Bock 187 is compatible with various recording software and digital audio workstations (DAWs) on both Windows and Mac platforms, provided you have the necessary audio interface and setup.

Is there a carrying case included for transport and storage?

The Universal Audio Bock 187 microphone package may include a protective carrying case for convenient transport and safe storage.

What type of connector does it use?

The Universal Audio Bock 187 typically uses an XLR connector, which is a common standard for professional microphones and audio equipment.

Is there a warranty for the Universal Audio Bock 187 Condenser Microphone?

Universal Audio often provides a limited warranty for the Universal Audio Bock 187 Condenser Microphone; warranties often range from 6 months to 1 year or more.

Where can I purchase the Universal Audio Bock 187 Condenser Microphone?

You can typically purchase the Universal Audio Bock 187 Condenser Microphone from authorized Universal Audio dealers, professional audio stores, or reputable online marketplaces to ensure you receive a genuine product.

Is it suitable for professional studio applications?

Yes, the Universal Audio Bock 187 microphone is designed for professional studio applications and delivers exceptional audio quality for demanding recording tasks.

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