



OC-B6 Large-Diaphragm Condenser Bass Drum Microphone

User Manual

Introduction and Safety Instructions

This user manual will guide you through setup, operation and maintenance of your *OC-B6*. Please read this manual thoroughly before using the microphone to ensure proper and safe usage. We ask you to follow a few restrictions to guarantee trouble-free workflow, and to keep the product in perfect working condition:

- The *OC-B6* is a professional studio and stage microphone. Please do not operate this product other than as intended.
- Do not use the microphone or its accessories if defective.
- Always store and operate the microphone in a dry and safe place.
- Do not expose it to excessive heat (for example, do not leave it in a car parked in the sun).
- In case of a sudden temperature change from cold to warm, please give the microphone time to reach adequate temperature before use. (Allowed storage temperature range: -25°C to 60°C).
- Do not operate outside the intended temperature range: 0°C to 55°C
- Do not use this product in a wet or humid environment.
- Please do not drop the *OC-B6*.
- This product requires a phantom power source with 48 V (+/-4 V). The maximum idle current draw is < 2.2 mA.
- Please keep this product away from small children.
- To clean the product, use a soft dry cloth.
- Please do not use any third-party accessories.
- Do not disassemble the product, as there are no user-serviceable parts inside.
- The length of the XLR cable must not exceed 30 m.
- Do not remove any stickers (if applicable).
- Please do not eat the silica gel packs, which are included for moisture protection.



Thank you for reading the instructions so far and thank you for choosing Austrian Audio.

How to Operate the OC-B6:

The *OC-B6* requires phantom power, so please make sure that you are supplying it according to the IEC 61938 technical standard P48 (48V +/- 4V). The idle current consumption is below 2.2 mA. Almost all state-of-the-art professional mixing consoles, preamps and audio interfaces provide enough power, however some battery driven or older devices may fail to provide adequate power!

Setting up the OC-B6:

For optimum performance, do not cover the grille of the *OC-B6*. Now point the front of the microphone towards your sound source. The back of the microphone is marked by a red ring.

A small hint for those of you who are new to microphone handling: Imagine the microphone as a torchlight with light coming out of the front of its grille, casting a cone of light onto the sound source. Only what is illuminated by the "light" will be amplified effectively. For example, the batter head of a bass drum...

Features

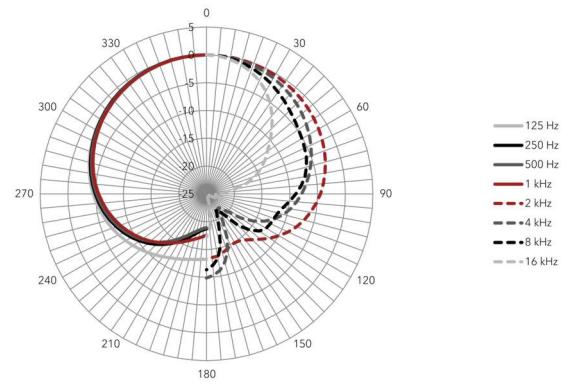
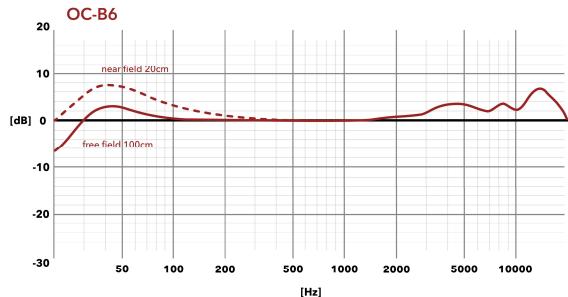
- 1" large-diaphragm true condenser capsule (cardioid); specially designed for high sound pressure levels
- Austrian Audio's proprietary Open Acoustic Design
- 220° rotatable swivel for perfect positioning
- No pre-EQ, no filters in audio band – pure sound
- Subsonic filter to remove unwanted material below 20 Hz
- Discrete circuitry, no ICs on the circuit board, super-fast transients
- Extremely compact and robust design
- Built in thread, no mic clip needed, super reliable

Hand-built in Vienna

This microphone is an uncompromising bass drum microphone – reduced to the essentials. No switches, no options, no distractions. It was designed to capture the authentic, unadulterated sound of a bass drum. The philosophy behind it: to give sound engineers and musicians complete creative control to shape the sound of their bass drum according to their individual vision.

Product Specifications

| | |
|----------------------------|------------------|
| Directional characteristic | Cardioid |
| Frequency range | 18 Hz – 20 kHz |
| Sensitivity | 0.8 mV/Pa |
| Max. SPL | 170 dB SPL |
| Impedance | 108 Ω (balanced) |
| Load impedance | > 1 kΩ |
| Supply voltage | 48 V (< 2.2 mA) |
| Main connector | XLR 3 pin |
| Dimensions | 92 x 82 x 57 mm |
| Weight | 280 g |



Made in Austria

This product conforms to the standards listed in the Declaration of Conformity. It can be found at:
<https://austrian.audio/product/oc-b6>

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