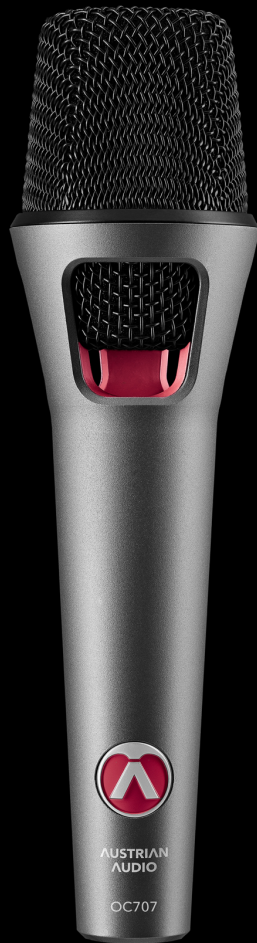




AUSTRIAN AUDIO



OC707 True Condenser Vocal Microphone

MAKING PASSION HEARD

# Heritage & Legacy

Our core team comprises former AKG (Vienna) personnel

- Patents held in multiple disciplines
- The team developed some of the world's best-selling condenser and dynamic microphones and globally renown headphones, that became industry standards.
- Extensive practical knowledge and ODM (Original Design Manufacturing) work in pro audio, consumer and automotive acoustics.

Over 350 years of experience

- Leaders in many engineering disciplines, including acoustics, audio-electronic, automotive, DSP, firmware, mechanical, noise cancelling, software, test and measurement, telecom, and transducer.





## **OC707** True Condenser Vocal Microphone

### Studio-quality sound for your vocal performance.

The handheld OC707 True Condenser Vocal Microphone brings professional sound quality to both studio and stage. Capturing every nuance of your performance through the world-renowned Austrian Audio craftsmanship, your voice will delight your audience.

Austrian Audio has succeeded in creating a vocal handheld microphone that has all the important characteristics of a studio microphone yet can withstand the rigours of everyday stage use.

The combination of low self-noise (19 dB SPL) and high sound pressure level (150 dB SPL) results in an impressive dynamic range

We are proud to say that the OC707 is "Made in Austria"; this is your guarantee of world-class quality and sustainability. Only the highest quality materials and techniques are used in the design and manufacture of the OC707, and all our testing is also performed in our Vienna facility where 'only the best will do'.

# True Condenser Technology

The OCC7 condenser capsule was developed in Vienna and is at the heart of Austrian Audio's small diaphragm microphone series. Inspired by the legendary CK1, this newly developed capsule delivers all the benefits of that classic design updated to meet the demands of today. Shaped by the past, built for the future.

The capsule's three-micron-thick, gold-coated polyethylene naphthalate (pen) diaphragm is much more robust than conventional mylar alternatives. The OCC7's filter fabric guarantees a constant broadband cancellation, resulting in outstanding cardioid characteristics.

The OCC7 also has an impressive linear frequency response and can handle extremely high sound pressure levels. Combined with very low self-noise, this results in an exceptional dynamic range. The OCC7 sounds natural and open, never too harsh or sharp, even at extreme volumes. The mids and highs are silky smooth and never sound exaggerated.

Each capsule is hand-built in Vienna and measured and calibrated in our in-house anechoic chamber.



# Open Acoustics Technology

Austrian Audio's proprietary Open Acoustics Technology allows sound to enter the capsule almost entirely unimpeded from all sides. Contact points between the mounted capsule and the enclosure are reduced to a minimum.

Furthermore, the reduction of sound-reflecting surfaces in proximity to the capsule ensures that the signal source is reproduced as resonance-free as possible; advanced materials technology and sophisticated mechanics reduce unwanted vibrations. Care was also taken to achieve maximum suppression of feedback.

This intelligent design also reduces the microphone's sensitivity to physically-induced sound, such as handling noise and shocks. The switchable 2nd order high-pass filter further enhances these features and can be used for sound-shaping, an effective tool against excessive proximity effects.



# The Sound

Designed to capture the dynamics and subtleties of the human voice, the OC707 blocks out unwanted noise from the outset, while giving your voice a great depth of volume. The OC707 lets the vocal cut through the mix, clear, detailed and natural.

The outstandingly balanced sound also offers an excellent, reduced proximity effect which is advantageous to every performance. The unique tonal character of your voice is preserved throughout.



# Key Features

- True condenser technology
- Open Acoustics Technology
- Best-in-class handling and mic-clamp noise suppression
- A switchable second-order low cut filter
- Designed for minimal feedback
- A rugged die-cast body for the most challenging live environments
- Content of Package:
  - 1x OC707 True Condenser Vocal Microphone
  - 1x OCH1 Mic Clip
  - 1x MSC1 Carry Case



# Technical Specifications

- Directional characteristic: Cardioid
- Frequency range: 35 Hz - 20 kHz
- Sensitivity: 10 mV/Pa
- Equivalent noise level: 19 dB SPL (A)
- Max SPL: 150 dB SPL
- Low cut filter: 120 Hz (2nd order)
- Impedance: 275  $\Omega$  (symmetrical)
- Load impedance: > 1 k $\Omega$
- Supply voltage: 48 V (< 2.5 mA)
- Connector: XLR 3 pin
- Dimensions: 194 x 53 x 53 mm
- Weight: 350 g







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your vocal performance.

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