



AUSTRIAN AUDIO



CC8  
Cardioid True Condenser 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 renowned 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.



## CC8 Cardioid True Condenser Microphone

Design evolves over time: new technology and materials; new ideas; new thinkers; new users. Austrian Audio have created a microphone ready for modern recording applications yet with the timeless sonic character appreciated by all. The CC8 cardioid, true condenser, small-diaphragm microphone is hand-built in Vienna and created with professionals in mind.

The OCC7 capsule and transformerless output give the CC8 a remarkably linear frequency response, handling extremely high sound pressure levels (SPL) of up to 156 dB, without distorting. Combined with a very low self-noise of only 16 dB(A), this results in an exceptional dynamic range. The CC8 sounds natural and open without becoming harsh or spiky, even at extreme volumes. The mids and highs are silky smooth, never exaggerated.

The CC8's small dimensions allow targeted positioning even in tight and difficult places, both in the studio and on stage.

Before leaving the factory, each microphone is measured and tuned (in our special in-house anechoic chamber) to a tolerance of max. +/- 0.5 dB sensitivity at 1 kHz. This means that any CC8 can be match-paired with any other, regardless of production dates.



# OCC7 **Small Condenser Capsule**

At the heart of the Austrian Audio CC8 microphone beats the newly-developed OCC7 condenser capsule. Inspired by the legendary CK1, the OCC7 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 3 micron-thick, gold-coated, polyethylene naphthalate (PEN) diaphragm is much more robust than conventional Mylar alternatives. The fabric filter ensures constant broadband cancellation, attenuating sound coming from the sides and rear, resulting in outstanding cardioid characteristics.

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# The Sound

The CC8 excels in capturing the fast transient and spatial information required for an accurate recording.

Small-diaphragm microphones are particularly popular for the detailed recording of various acoustic instruments found in classical ensembles and jazz formations, such as stringed instruments, woodwinds and brass, and orchestral percussion, in addition, instruments found in all genres like acoustic guitar, piano, snares, hi-hat, and entire drum sets (when used as overheads).

With quieter sources (for example, a soft stringed instrument or a voice) the CC8's low self-noise comes into its own, and the nuances of the performance are captured with outstanding detail and clarity.

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# Key Features

- Out-of-the box match paired with any other CC8 due to factory calibration (+/-0,5dB @1kHz)
- Best-in-class off-axis response
- True condenser technology
- Transformerless design—classic sound using modern tech
- High precision cardioid pattern
- Metal housing, cap, and grille
- A switchable high-pass filter
- Pads (0, -10 dB, -20 dB) Made in Austria
- Content of Package (Single Set)
  - 1x CC8 Microphone
  - 1x OCH8 Mic clip 18mm
  - 1x CCW8 Windscreen
  - 1x Carry Case
- Content of Package (Stereo Set)
  - 2x CC8 Microphone
  - 2x OCH8 Mic clip 18mm
  - 2x CCW8 Windscreen
  - 1x SB1 Stereo Bar
  - 1x Transport Case



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# Technical Specifications

- Directional characteristic: Cardioid
- Frequency range: 20Hz - 20kHz
- Sensitivity: 15 mV/Pa
- Equivalent noise level: 16 dB(A)
- Max. SPL: 156 dB SPL
- HP filter: 60 Hz (2nd order), 120 Hz (2nd order)
- Switchable pad: -10 dB, -20 dB
- Impedance: 275  $\Omega$  (symmetrical)
- Load impedance: > 1 k $\Omega$
- Supply voltage: 48 V (< 3mA)
- Main Connector: XLR 3 pin
- Dimensions: 140 x 23 x 23 mm
- Weight: 160 g





Made in Austria

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Pristine sound.

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