

AUSTRIAN AUDIO

CC8-SC Supercardioid True Condenser Microphone

User Manual

Introduction and Safety Instructions

This user manual will guide you through setup, operation and maintenance of your CC8-SC. 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 CC8-SC is a professional studio 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 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 40°C
- Do not use this product in a wet or humid environment.
- Do not drop the CC8-SC.
- When mounted in the *OCH8 clip* make sure that a tight fit is achieved, especially in combination with large microphone stands and do not operate the CC8-SC above personnel.
- This product requires a phantom power source with 48 V (+/-4 V). The maximum idle current draw is < 3 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 CC8-SC:

The CC8-SC 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 3 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 CC8-SC:

For optimum performance, do not cover the grille of the CC8-SC. Now point the grille of the microphone to your sound source.

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 end of the grille. Only what's lit up now can be recorded well. This would be your lips perhaps when singing, the top of a snare drum...

To prohibit unwanted operation all switches are mounted recessed. Therefore, please use a thin tool like a ballpen or a small screwdriver to toggle.

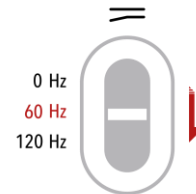
Low-Cut Filter:

The low-cut filter of the CC8-SC is a powerful tool to reduce unwanted low frequency material, such as stage noise, handling noise, or wind noise.

"0 Hz" means inactive

"60 Hz" inserts a 2nd order low cut filter at 60 Hz

"120 Hz" inserts a 2nd order low cut filter at 120 Hz



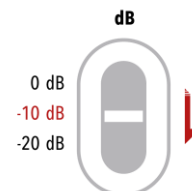
Pad Switch:

The pad switch reduces the sensitivity of the microphone and prevents overloading the signal in loud environments.

"0 dB" means not active

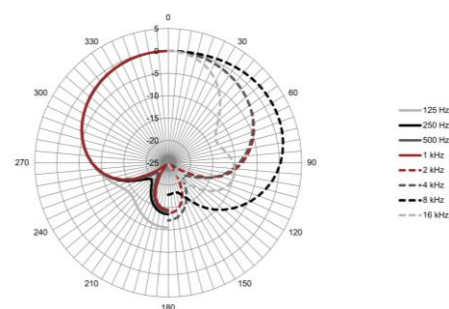
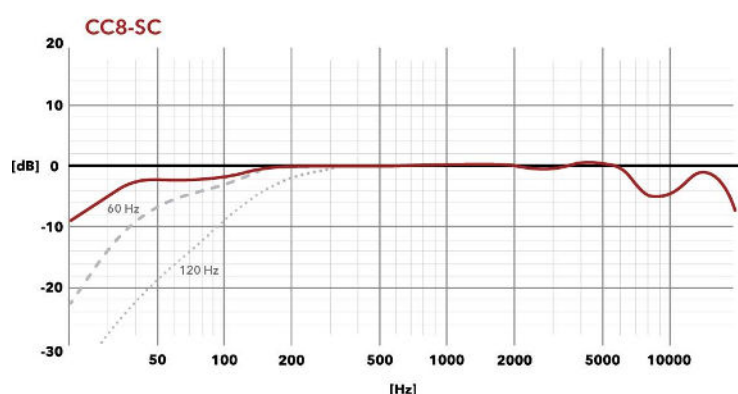
"-10 dB" reduces the sensitivity by 10 dB

"-20 dB" reduces the sensitivity by 20 dB



Product Specifications

Directional characteristic	Supercardioid
Frequency range	20 Hz – 20 kHz
Empfindlichkeit	18 mV/Pa
Equivalent noise level	13 dB SPL (A)
Max. SPL	155 dB SPL
Low-Cut filter	60 Hz (2nd order), 120 Hz (2nd order)
Switchable pad	-10 dB, -20 dB
Impedance	275 Ω (symmetrical)
Load impedance	> 1 k Ω
Supply voltage	48 V (< 3 mA)
Main connector	XLR 3 pin
Dimensions	140 x 23 x 23 mm
Weight	160 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/cc8-sc/>

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