AUSTRIAN AUDIO

OC18 Large-Diaphragm Condenser Microphone with Cardioid Polar Pattern

Owner's Manual

Introduction and Safety Instructions

Please read, understand, and follow all instructions in this manual before using this product.

This product was made for professional users and we ask you to follow a few restrictions to guarantee a hassle-free workflow for you, and to keep the product in perfect working condition:

- Please do not operate this product in other than the intended use cases.
- Do not use if the product is defective
- Always keep and operate the product in a dry and safe place
- Do not expose it to excessive heat (for example, do not leave it in your car parked in the sun)
- If you need to bring the product inside from the cold, please give it time to reach adequate temperature before use (allowed storage temperature range: -25°C to 60°C).
- Do not operate outside the intended operating temperature range: 0°C to 55°C
- Do not use this product in a wet or in humid environment
- Do not drop
- When used upside down (for example in the OCH8 or OCS8) make sure that a tight fit is achieved and do not operate it upside down right above personnel
- This product requires a phantom power source of 48V (+/-4V), max draw is 2.2mA
- Please keep this product away from small children and persons who are not able to operate professional audio equipment
- If you need to clean the product, do this only with a soft dry cloth
- Please do not use any third-party accessories unless otherwise stated
- 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 the sticker

Thank you for reading the instructions so far and thank you for putting your trust in Austrian Audio.

How to Operate the OC18:

The OC18 requires phantom power, so please make sure that you are supplying it according to P48 (48V +/- 4V). Peak 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 do so!

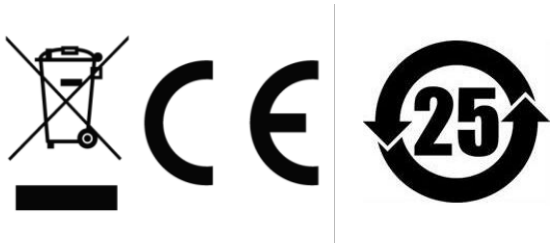
Setting up the OC18:
For optimum performance, do not cover the grill of the OC18, and always ensure a secure fit in the OCH8 (holder) or OCS8 (suspension).

Always place your sound source to face our beautiful logo!

High Pass Filter:
The high pass filter is a powerful tool to reduce unwanted low frequencies, like stage noise, handling.
''0'' means not active
''40'' is a high pass 2nd order filter at 40 Hz
''80'' is a high pass 2nd order filter at 80 Hz
''160'' is a high pass 1st order filter from 160 Hz to 80 Hz, and a high pass 2nd order filter below 80 Hz.

Pad Switch:
The Pad switch reduces the sensitivity of the microphone and prevents overloading the microphone in loud environments.
''0'' means not active
''-10'' means that the microphone is 10 dB less sensitive
''-20'' means that the microphone is 20 dB less sensitive

Note: The -10 dB position reduces the bias voltage of the capsule, so the microphone can take 10 dB more input, whereas the -20 dB Setting reduces the gain by another 10 dB to protect your mixer preamp from overload.



Made in Austria
This product conforms to the standards listed in the Declaration of Conformity and can be found at http://austrian.audio/OC18

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