OC818 black

Large-diaphragm Condenser Microphone with Multiple Polar Patterns

Directional characteristics: figure-8, supercardioid, cardioid, omnidirectional & custom programmable

Frequency range: 20 Hz - 20 kHz

Sensitivity (all directions): 13mV/Pa

Equivalent noise level: 9 dB SPL (A)

Max SPL: 148 dB SPL (158 dB SPL)

Switchable pad: -10 dB, -20 dB

Analog Low Cut filter: 40 Hz (2nd order), 80 Hz (2nd order), 160 Hz (1st order down to 80Hz, 2nd order below)

Impedance: 275 Ω (symmetrical)

Load impedance: > 1 kΩ

Supply voltage: 48 V (< 4mA, typical 2.1mA)

Main Connector: XLR 3 pin

Connector for back membrane or remote: Mini XLR 5 pin

Dimensions: 157 x 63 x 35 mm

Weight: 360 g

The critically acclaimed OC818, Austrian Audio's premier professional, large diaphragm microphone, now comes in a black version. Designed for light critical broadcast applications on stage, where subtle finishes are needed.

Engineered and manufactured in Austria, its high sensitivity, low self-noise and ability to handle everything from a whisper to extreme SPLs make it the most advanced microphone for studio, broadcast and live applications. As the unique ceramic capsule design is so consistent, ANY OC818 is match-paired with ANY other OC818, and when in cardioid mode, it can also be match-paired with ANY OC18, its affordable smaller brother.

OC818 black Studio Set contains: 1x OC818 microphone, 1x OCS Spider Mount Suspension, 1x OCW8 Foam Windshield, 1x OCH8 Mic Clip, 1x OCC8 Mini XLR Cable + Cable clip, Protective Carry Case.

The OCR8 remote and PolarPilot™ app

The optionally available OCR8 remote control, and the PolarPilot™ App for iOS™ or Android™ allows you to control your OC818 wirelessly from your smart device* over Bluetooth®. Craft 255 discrete polar patterns and also have real-time, wireless control over your analogue high pass filters and pad. The handy *last 60 seconds* of audio level monitor/logger enables you to see if there is any clipping so you can adjust on the fly.
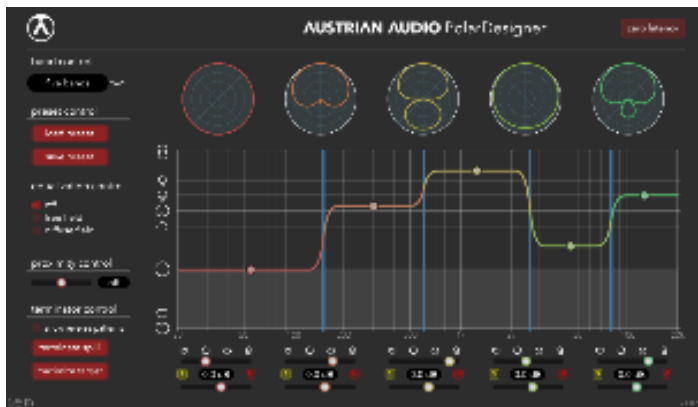
The OC818 ships with one programmable location, which you can store 1 of your preferred settings for later use without the PolarPilot app.

* iOS or Android device required. Internet connection necessary for App setup. iOS is a trademark of Cisco in the U.S. and other countries. Android is a trademark of Google LLC. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. All specifications are subject to change without notice.

The OC818 PolarDesigner™ Plugin

Recording to your DAW using both outputs of the OC818 enables the use of the PolarDesigner™ DAW-Plugin in post production. Craft different polar pattern responses across 1 to 5 crossover bands. Phase Linear and Synch-Channel. Use Terminator Ai for eliminating or rescuing selected frequencies and instruments.

Available for free download available free from http://austrian.audio/OC818. (VST, AAX and Audiounits compatible)
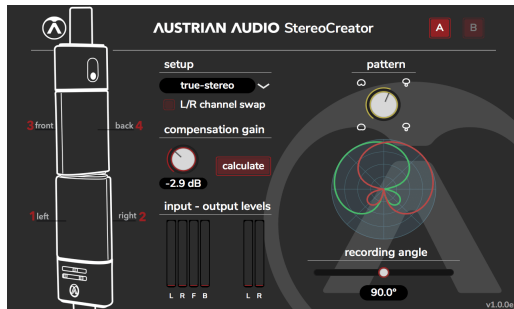
The OC818 AmbiCreator Plugin

As you know, all OC818 microphones are calibrated to have the exact same sensitivity, which makes them ideal for stereo recordings. With our PolarDesigner plug-in, you can even experiment with different polar patterns in post-production to find the best stereo setup for your recording.

With our AmbiCreator plugin we go one step further—getting an ambisonic B-format signal out of two OC818 microphones, e.g. a "Live-Set". As the OC818 microphones have a dual output, we can calculate any first-order pattern from those two outputs.

The OC818 StereoCreator Plugin

Since the beginning, musicians, composers, and engineers have used the OC818 for stereo recording. You can use just one OC818 in Dual Mode, or put a second mic on top. Then, by using the StereoCreator plugin, you can choose between various stereo recording techniques such as X/Y, M/S, or Blumlein.

- Stereo with one OC818
- Three different stereo techniques with fantastic post-processing possibilities using two OC818s
- One four-channel recording, three different stereo techniques (XY/MS/Blumlein)
- Adjust spatiality in post processing
- Change stereo width in post processing
- Change orientation in post processing

The OC818 offers many unique possibilities for creative stereo microphone applications.