

C480 B CB ULS & CK61 ULS

REFERENCE MODULAR PRE-AMP
& REFERENCE CARDIOID CONDENSER MICROPHONE CAPSULE

AKG[®]
by HARMAN



HIGHLIGHTS

Sophisticated microphone pre-amp design
for ultra-low noise performance

Transformerless output
provides extremely low distortion, highest reliability and less weight

Switchable attenuation pad
enables high SPL applications up to 144dB

Switchable bass-cut filter
eliminates rumble or footfall noise

Specially designed output stage for difficult loads
drives excessively long cables with no signal degradation

Cardioid polar pattern with excellent on-axis response
for pure, pristine sound quality

Self-cleaning contacts
ensure reliable operation and long life

KEY MESSAGE

The C480 B is the pre-amp for the ultralinear series capsules, CK61, CK62, CK63, and CK69 ULS, and represents one of the quietest microphone amps ever built. The C480 B offers excellent audio quality and maximum flexibility. Its electronic circuitry coupled with a transformerless output stage assures completely linear transfer characteristics across the entire frequency range, while achieving self-noise figures close to the theoretical minimum.

A specially designed output stage drives difficult loads like excessively long cables without harming the signal quality. The C480 B offers a two-step high-pass filter and two gain stages of either -10dB or +6dB. The C5 is an easy to use, reliable companion for tough stage jobs.

The CK61 ULS professional small condenser capsule is characterized by a ruler-flat frequency response and an unmatched consistent cardioid polar pattern. It is the ideal choice for critical recording and live-sound applications where consistent suppression of off-axis sound is an important requirement. The CK61 ULS is widely used in broadcast and recording studios as well as on stages worldwide.

The CK61 ULS works exclusively with the C480 B pre-amp. To ensure an extra-long life and a reliable connection, the capsule is equipped with large-area, self-cleaning, gold-plated contacts. Careful attention to detail and highest manufacturing standards make the CK61 Ultra Linear Series capsule the choice of experienced technicians worldwide.

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APPLICATIONS

STUDIO
BROADCAST

TECHNICAL SPECIFICATIONS

C480 B CB ULS

Audio frequency bandwidth: 20 to 20000 Hz
Preamplification Pad: 6, -10 dB
Bass cut filter: 100 Hz
Recommended load impedance: 2000 Ohms
Polar Patterns: Cardioid

Powering Interface

Voltage: 48 V
Current: 2 mA

Audio Output

Type: Balanced XLR
Gender: Male
Contacts: 3-pin

Design

Finish: Matte Black

Dimensions/Weight

Height: 173mm
Diameter: 21mm

CK61 ULS

Audio frequency bandwidth: 20 to 20000 Hz
Equivalent noise level: 11 dB-A
Sensitivity: 20 mV/Pa
Signal to Noise: 81 dB-A
Electrical impedance: 150 Ohms
Recommended load impedance: 2000 Ohms
Polar Patterns: Cardioid

Powering Interface

Voltage: 48 to 48 V
Current: 2 mA

Audio Output

Type: Balanced XLR
Gender: Male
Contacts: 3-pin

Design

Finish: Matte Black

Dimensions/Weight

Height: 27mm
Diameter: 21mm

INCLUDED ACCESSORIES

W32 Windscreen (CK61 ULS)



AKG ACOUSTICS, U.S. 8400 BALBOA BOULEVARD, NORTHRIDGE, CA 91329, U.S.A.
AKG ACOUSTICS GMBH LAXENBURGER STRASSE 254, 1230 VIENNA, AUSTRIA

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