

# C636 WL1

# AKG®

MASTER REFERENCE CONDENSER VOCAL MICROPHONE HEAD



## HIGHLIGHTS ■

### STUDIO-QUALITY SOUND

By keeping the C535 sound untouched, the C636 captures your sound unfiltered and uncompressed like no other mic on the market.

### PROPRIETARY DOUBLE SHOCK SUSPENSION SYSTEM

Eliminates handling noise

### MULTILAYER POP NOISE PROTECTION

Eliminates plosives

### UNIFORM CARDIOID PATTERN

Eliminates feedback

### 24-CARAT GOLD-PLATED CAPSULE

For robust stage reliability

## OVERVIEW ■

Step on stage with a studio legend. Offering the pure studio sound you've grown to love, THE AKG C636 WL1 head is housed in a worry-free durable housing, you can now focus on your vocal performance—not on the performance of your microphone. Its proprietary double shock suspension system provides unparalleled rejection of handling noise. And the C636 WL1 doubles-down on keeping your performance flawless by incorporating a state-of-the-art, multi-layer pop noise rejection system that eliminates plosives and a road-tested, cardioid polar pattern that eliminates feedback.

Made with hand-selected components and manually tuned for a pure transparent tone, the new C636 WL1 head retains the spirit of the classic AKG C535 condenser microphone, while being re-engineered to meet the demands of today's top vocal performers. The C636 WL1 is designed to fit the DMS800 and WMS4500 wireless systems.

## KEY MESSAGES ■

### STUDIO-QUALITY SOUND

By keeping the C535 Capsule sound untouched, the C636 Capsule captures your sound unfiltered and uncompressed like no other mic on the market.

### FEEDBACK ELIMINATION

Uniform cardioid polar pattern throughout the entire frequency spectrum combined with a specially designed suspension and grille for the capsule essentially eliminates feedback.

### WORLD'S FIRST DOUBLE SHOCK SUSPENSION SYSTEM

Highly absorbent rubber and an adjustable balancing network cancels vibrations over a wide frequency range, reducing unwanted handling noise.

## APPLICATIONS ■

LIVE PERFORMANCES, LIVE EVENTS, DEMANDING SPEECH AND PRESENTATION

### MULTILAYER PROTECTION SYSTEM

Unique 3-layer protection system prevents unwanted pop noises—providing singers with a clear, plosive-free vocal performance.

### STAGE RELIABILITY

Robust, zinc-alloy housing with a spring steel grille and 24-carat gold-plated capsule, the C636 is extremely rugged and durable enough to last a lifetime of performances.

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## FEATURE PARAGRAPHS ■

### WORLD-FAMOUS AKG CONDENSER SOUND QUALITY

For 70 years, AKG has pioneered the art of premium studio-quality sound, and we understand it's what's inside that counts. Continuing this legacy, the C636 WL1 microphone head features a custom-tuned cardioid condenser capsule with hand-selected components.

### BE AGGRESSIVE, THE C636 WL1 CAN TAKE IT

If you've ever tried to bring a studio mic on stage, you know they're too delicate to stand up to the task. The C636 WL1 proprietary double shock suspension system greatly reduces handling noise, even during the most energetic on-stage performances. Its capsule sits on a highly absorbent rubber bearing, eliminating any structure-based noise, while an adjustable balancing network cancels vibrations over a wide frequency range. In addition, a substantial brass layer below the capsule serves as a counterweight that increases stability and delivers cleaner acoustics.

### A NEW APPROACH TO BROAD-SPECTRUM FEEDBACK REJECTION

The C636 WL1 essentially eliminates feedback by combining a uniform cardioid polar pattern throughout the entire frequency spectrum with a specially designed suspension and grille for the capsule. This unique approach to housing the capsule avoids unwanted sound reflections on the back of the capsule from stage sound sources, the most common cause of feedback in other microphones.

### TRIPLE POP NOISE PROTECTION

When AKG artists told us that "pops were the enemy," we listened and incorporated a multi-layer protection system to provide singers with clear, plosive-free vocal performances. The protection system spares no expense and consists of the grille, a foam layer behind the grille and a magnetically attached computer-modeled mesh layer on top of the capsule. This triple-layer protection system is virtually unique to AKG and is not found in any microphone remotely near this price range.

### RUGGED CONSTRUCTION

With extremely rugged zinc alloy construction and a spring steel grille, the C636 WL1 stands up to the most demanding tour schedules. And its 24-karat gold-plated capsule protects the microphone against moisture and corrosion.

## FULL FEATURES ■

- Legendary AKG studio sound
- Multi-layer pop noise rejection system
- Proprietary double shock suspension system
- Hand-selected, manually tuned components
- Feedback-suppressing cardioid polar pattern
- Transparent, unfiltered sound
- Rugged zinc alloy housing and spring steel grille
- 24-karat gold-plated capsule



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## TECHNICAL SPECIFICATIONS ■

**TYPE:** 3/4" Back electret condenser  
**POLAR PATTERN:** Cardioid  
**SENSITIVITY (CARDIOID):** 5.6 mV/Pa (-45 dBV)  
**FREQUENCY RESPONSE:** 20 Hz to 20 kHz (see frequency response trace)  
**ELECTRICAL IMPEDANCE:** ≤ 200 ohms  
**RECOMMENDED LOAD IMPEDANCE:** ≥ 2000 ohms  
**EQUIVALENT NOISE LEVEL TO IEC 60268-4:** 20 dB(A)  
**SIGNAL TO NOISE:** 74 dB(A) re 1 Pa  
**MAX. SPL FOR 0.5 % THD:** 150 dB  
**TEMPERATURE RANGE:** -10 °C to +60 °C (14 °F - 140 °F)  
**PHANTOM POWERING:** 48 V ±4 V to IEC 61938  
**CURRENT CONSUMPTION:** ≤ 4 mA  
**CONNECTOR:** 3-pin XLR (pin 2 hot)  
**LENGTH:** TBD  
**DIAMETER:** 51 mm (2.01 in.)  
**NET WEIGHT:** TBD  
**BASS CUT PAD:** 80 Hz, 12 dB/octave  
**SHIPPING WEIGHT:** TBD  
**BOX DIMENSIONS (L X W X H):** 10.7 x 8 x 8 cm (4.2 x 3.2 x 3.2 in.)

## ORDER SPECIFICATIONS ■

**BOX DIMS:** 4.2 in. x 3.2 in. x 3.2 in.  
**SHIPPING WEIGHT:** 0.7 lbs  
**CASE PACK QTY:** TBD  
**CASE PACK DIMS:** TBD  
**NET WEIGHTS - CASE PACKS:** TBD

**C636 WL1**  
**UPC:** 885038040132  
**EAN:** 9002761040135

## IN THE BOX ■

C636 WL1 microphone head



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

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SELL SHEET