



C 480 B comb-ULS/61

- Ultra low-noise C 480 B preamp
- CK 61-ULS cardioid capsule
- Extremely flat on-axis frequency response
- High SPL capability

Cardioid microphone

Modular microphone comprising a C 480 B preamplifier, CK 61-ULS cardioid capsule, foam windscreen, and stand adapter.

CK 61-ULS cardioid capsule

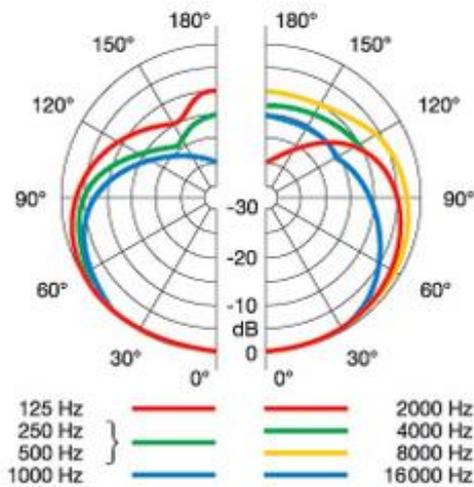
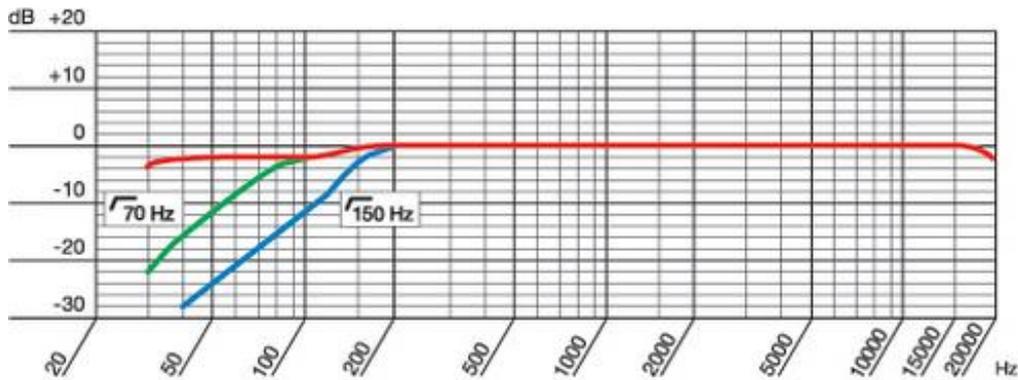
The broadband, ruler-flat frequency response and consistent polar pattern of the CK 61-ULS make it ideal for critical recording and live sound applications where consistent suppression of off-axis sound is an important requirement. Includes foam windscreen.

Specifications

Polar pattern	cardioid
Frequency range	20 to 20,000 Hz
Sensitivity	40/20/6,3 mV/Pa (-28/-34/-44 dBV)
Max. SPL	134/140/144 dB
Equivalent noise level (CCIR 468-3)	23/21/28 dB
Equivalent noise level	13/11/17 dB-A

Signal/noise ratio	81/83/77 dB
Preattenuation pad	+6/0/-10 dB, selectable
Bass filter	12 dB/octave at 70 or 150 Hz
Impedance	150 ohms
Recommended load impedance	>2000 ohms/1000 pF
Supply voltage	48 V phantom power to DIN 45596
Current consumption	<2 mA
Connector	3-pin XLR
Finish	matte black
Dimensions	21 dia. x 173 mm / 0.8 dia. x 6.9 in.
Net weight	140 g / 4.9 oz.
Shipping weight	500 g / 1.1 lbs.

Graphical data



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Engineer's specifications

C 480 B–ULS Microphone preamplifier for the ULS modular studio condenser microphone system from AKG. All electrical parameters of the preamplifier shall be maximally linear and its gain shall be switchable on the microphone to +6, 0, or 10 dB. Frequency range: 1030,000 Hz; electrical impedance: <150 ohms.; switchable bass cut filter: 12 dB/octave at 70 or 150 Hz. The microphone shall be capable of operating on phantom power at 48 V to DIN 45596. The case shall be no larger than 21 mm (0.8 in.) in diameter and 150 mm (6 in.) long. The maximum net weight of the preamplifier shall be 115 g (4 oz.).

CK 61–ULS

Cardioid microphone capsule for the ULS modular studio condenser microphone system from AKG. All acoustical parameters shall be highly linear. The capsule shall provide an excellent front–to–back ratio throughout a wide frequency range. The capsule shall be temperature stable and highly reliable, with a gold plated contact–pin for connection to the C 480 B preamplifier. When attached to the C 480 B power supply module, the capsule shall perform to the following specifications: Frequency range: 2020,000 Hz; sensitivity at 1 kHz: 40/20/6.3 mV/Pa selectable; maximum SPL: 134/140/144 dB SPL for 0.5 % T.H.D.; equivalent noise level: 13/11/17 dB–A. The case shall be no larger than 21 mm (0.8 in.) in diameter and 23 mm (0.9 in.) long inclusive of the contact pin. The maximum net weight of the capsule shall be 25 g (0.9 oz.).