



# CK69 ULS

PROFESSIONAL SMALL CONDENSER  
MICROPHONE SHOTGUN CAPSULE



## POINT. SHOOT. INTERVIEW.

*for TV interviews, film close-ups and ambience recording*

The CK69 ULS professional shotgun capsule delivers perfect results for film/TV outdoor applications or indoor front-of-stage recording. It has a unique two-shotgun-capsules-in-one-microphone design, which enables quick and easy conversion from long- to short-distance applications. It is also a perfect microphone for interviews in noisy environments.

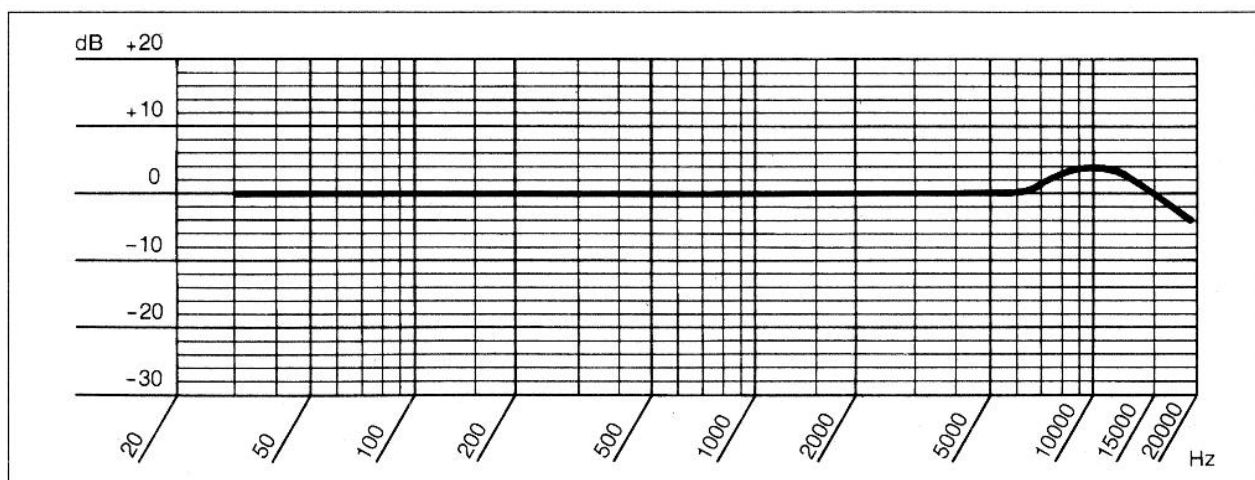
The CK69 ULS works exclusively with the C480 B pre-amp. To ensure an extra-long life and a reliable connection, the capsule is equipped with large-area, self-cleaning, gold-plated contacts. An eye for detail paired with the highest manufacturing standards makes the Ultra Linear Series capsules the choice of knowledgeable technicians worldwide.

- **Sophisticated interference tube design**  
provides maximum noise attenuation
- **Two shotgun lengths in one microphone**  
for a selectable operating distance
- **Carefully handcrafted in Vienna, Austria**  
meticulous attention to detail ensures highest quality

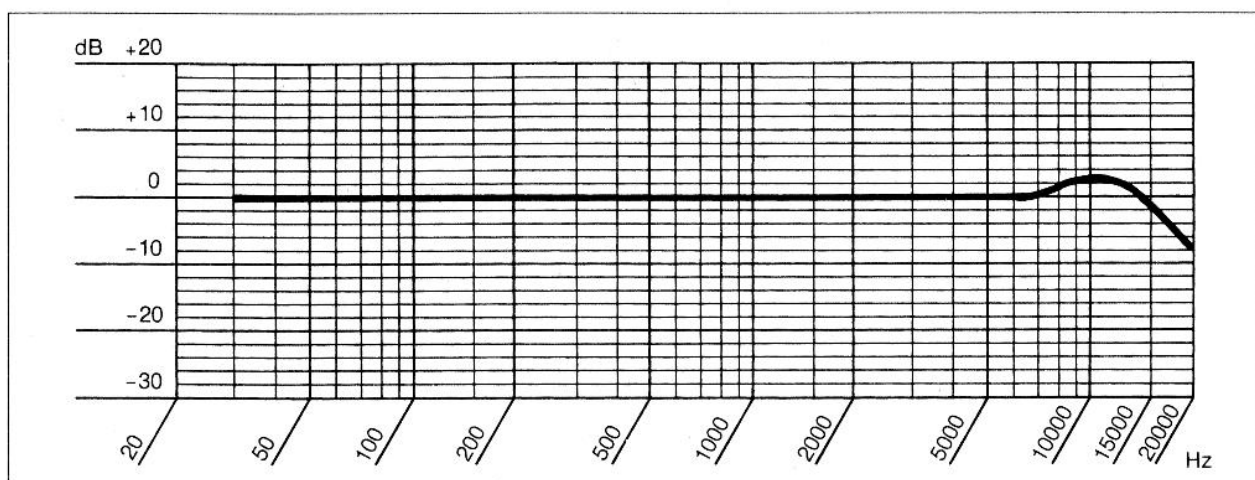
**Included accessories:** W48 Windscreen, W49 Windscreen

**Item Number:** CK69 ULS 2669Z00010

# Frequency Response Curve:

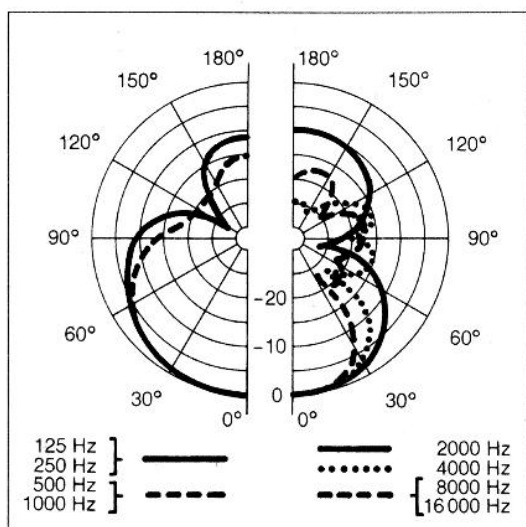


without extension tube

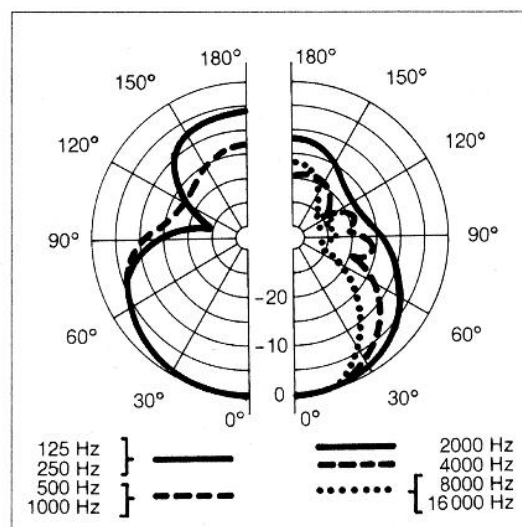


with extension tube

## Polar Response:



without extension tube



with extension tube

## Specifications

(measured with C 480 B preamplifier)

Type:	Combined pressure gradient/interference microphone
Frequency range:	20 to 18.000 Hz $\pm$ 2 dB from specified curve
Sensitivity at 1000 Hz	
0 dB position:	27 mV/Pa $\triangle$ -31 dBV*)
+6 dB position:	54 mV/Pa $\triangle$ -25 dBV*)
-10 dB position:	8.5 mV/Pa $\triangle$ -41 dBV*)
Polar pattern:	Directional
Impedance:	$\leq 150 \Omega$
Recommended load impedance:	2000 $\Omega$ // 1 nF (IEC 268 15 A)
Equivalent noise level to DIN 45 405 (CCIR 468-2)	
0 dB position:	16 dB
+6 dB position:	20 dB
-10 dB position:	25 dB
Equivalent noise level to DIN 45 412 (A weighted)	
0 dB position:	9 dB-A
+6 dB position:	11 dB-A
-10 dB position:	15 dB-A
Signal/noise ratio re 1 Pa (A weighted)	
0 dB position:	85 dB
+6 dB position:	83 dB
-10 dB position:	79 dB
Max. SPL for 0.5 % THD	
0 dB position:	200 Pa $\triangle$ 140 dB SPL**)
+6 dB position:	100 Pa $\triangle$ 134 dB SPL**)
-10 dB position:	250 Pa $\triangle$ 142 dB SPL**)

\*) re 1 V/Pa

\*\*) into recommended load impedance

Dynamic range (A weighted)	
0 dB position:	131 dB
+6 dB position:	123 dB
-10 dB position:	127 dB
Bass cut filter slope:	12 dB/octave, for all positions
Gain:	+6 dB, 0 dB und -10 dB, selectable
Supply voltage:	P 48 (phantom power to DIN 45 596 at 48 V $\pm$ 4 V)
Current consumption:	$\leq 2$ mA
Size (exclusive of C 480 B):	Dia.: 21 mm (0.8 in.); length: 176/317 mm (7/12.5 in.)
Net weight (exclusive of C 480 B):	70 g (2.5 ozs.)/100 g (3.5 ozs.)
Connector:	3-pin XLR type
Finish:	Matte black
Capsule contacts:	Self-cleaning, gold plated
Thread:	M 19 x 0.75
Operating temperature:	-20 °C to +60 °C
Environment	
Relative humidity:	99 % at +20 °C
	95 % at +60 °C