

# C 460 B comb-ULS/61

## STUDIO MICROPHONE



The heart of this "Ultra Linear Series" cardioid microphone is the C 460 B preamplifier. What sets it apart is the absolute linearity of all important parameters such as frequency response, directivity factor, electrical transfer characteristics, as well as low self-noise and a high overload margin. A specially designed output stage will drive all types of loads encountered in day-to-day work, including excessively long cables, without any noticeable signal degradation.

Switchable 70/150 Hz, 12 dB/octave bass-cut. Switchable 10 dB output level attenuation. This pad is post the

input stage and thus ensures continued performance to specifications. For close-up miking of very loud instruments (snare and bass drums) the A 60 adapter allows a CK 1 capsule and A 50 pad to be screwed on the preamp.

The C 460 B comb-ULS sounds somewhat less bright than microphones with a CK 1 capsule. Therefore, CK 1's are often used for distant miking, CK 61's for close miking.

### PACKAGE

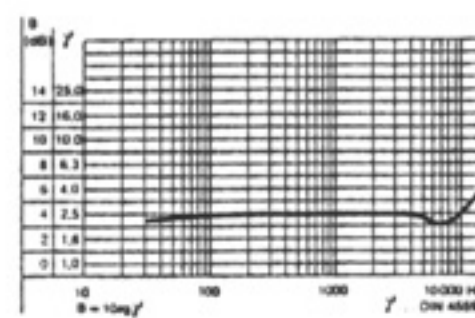
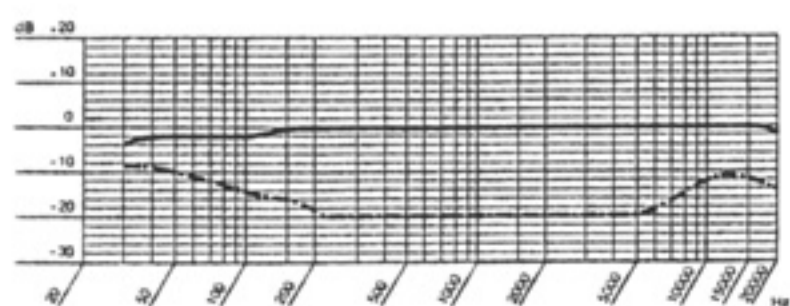
CK 61-ULS Condenser capsule  
C 460 B Preamplifier  
SA 40 Stand adapter  
W 32 Foam windscreen

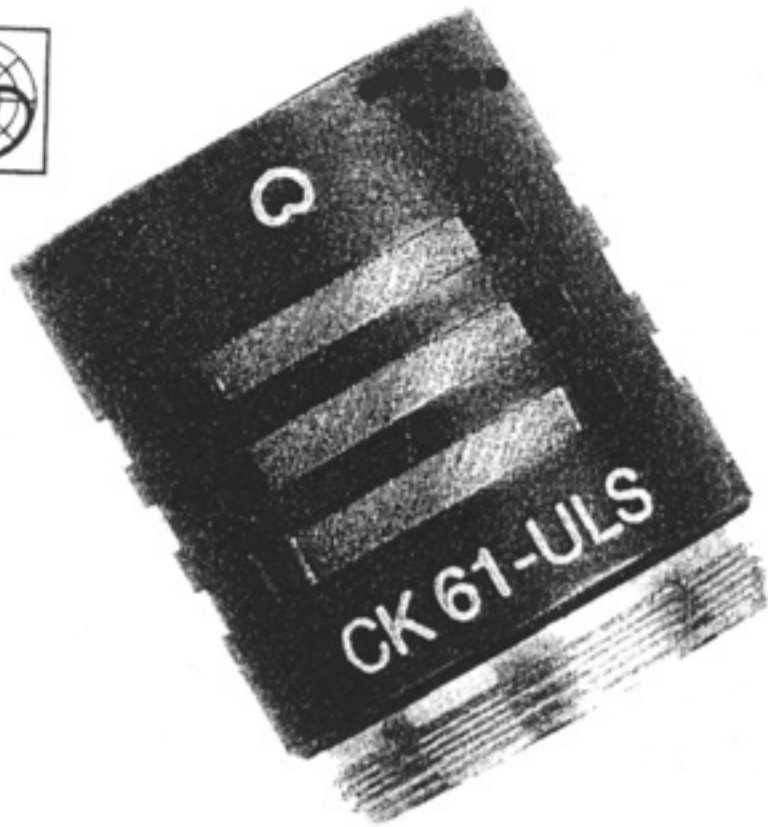
### OPTIONAL ACCESSORIES

A 61 Swivel  
VR 61 30-cm (1-ft.) extension tube  
VR 62 90-cm (3-ft.) extension tube  
SA 18/2 B All metal stand adapter  
W 46 Wire mesh windscreen  
H 10 All metal stereo bar  
H 30 Shock-mount stand adapter  
H 38 Shock mount  
B 18 Battery power supply  
N 62, N 66 AC power supplies  
MK 9/10 Cable  
St 102 A Boom stand  
St 200 Floor stand

### SPECIFICATIONS

Polar Pattern:	cardioid
Frequency Range:	20 – 20,000 Hz
Sensitivity:	8 mV/Pa
Impedance:	120 ohms
Equivalent Noise Level:	25 dB (CCIR 468-2) 14 dB-A (DIN 45412-A)
S/N Ratio:	80 dB
Max. SPL for 0.5% THD:	134 dB from 30 Hz to 20 kHz
Size:	21 Ø x 173 mm (0.8 Ø x 6.8 in.)
Net/Shipping Weight:	140/500 g (4.9 oz./1.1 lbs.)

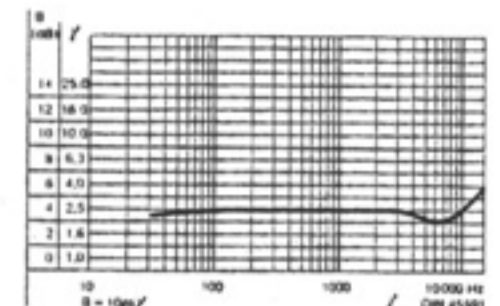
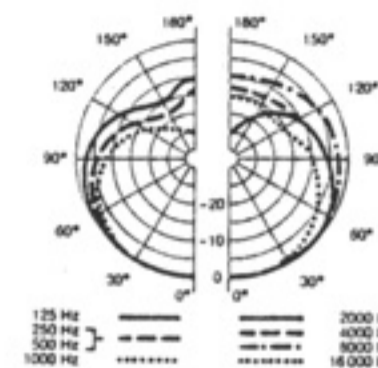
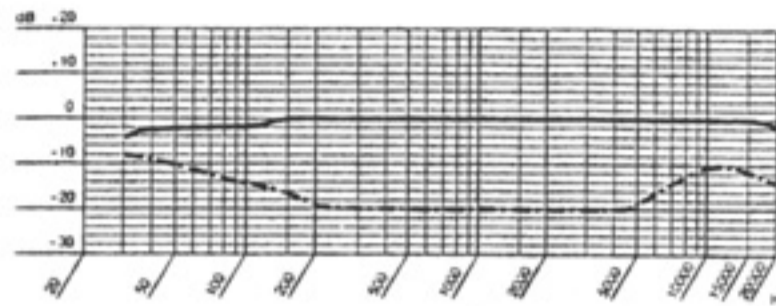




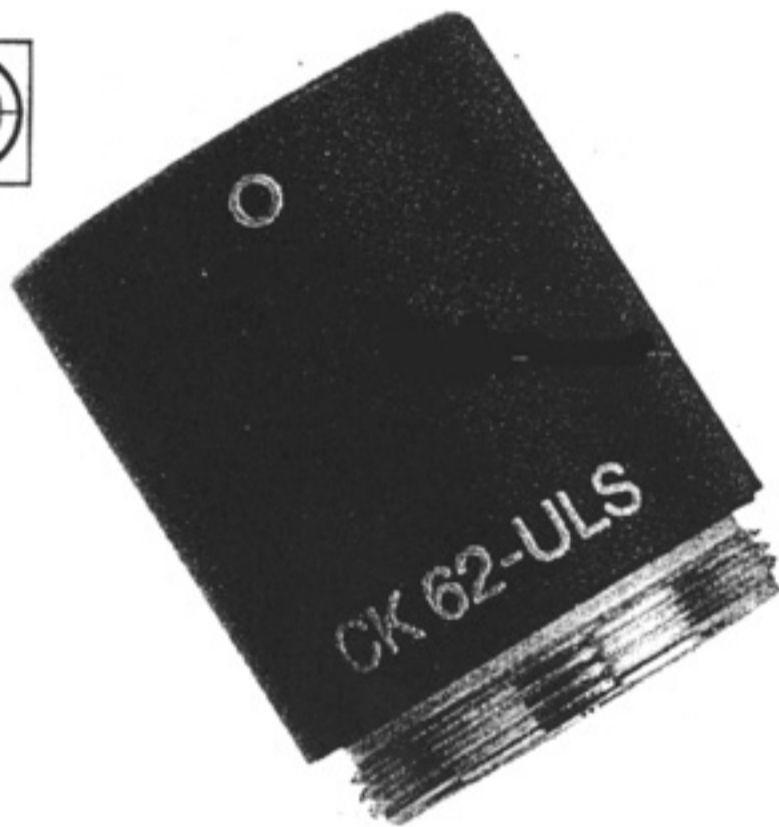
Ultra Linear Series cardioid capsule for use with C 460 B. Diaphragm diameter about 15 mm (0.6 in.). Same applications as for CK 1, especially suited for difficult sources thanks to excellent response.

### SPECIFICATIONS (with C 460 B)

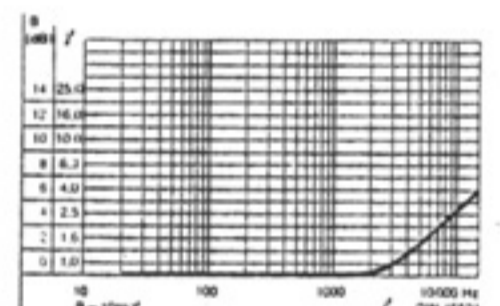
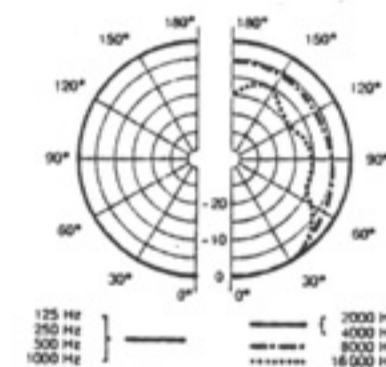
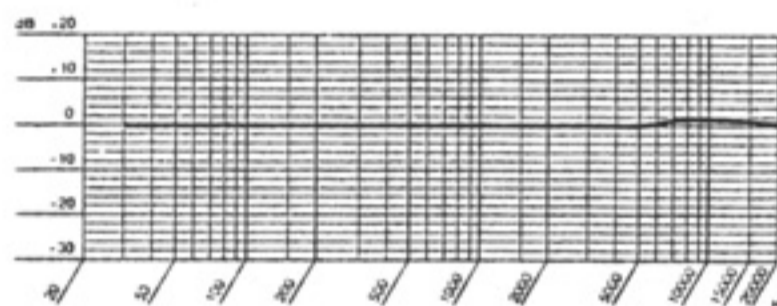
Polar Pattern:	cardioid
Frequency Range:	20 – 20,000 Hz
Sensitivity:	8 mV/Pa
Size:	21 Ø x 26.5 mm (0.8 Ø x 1 in.)
Net/Shipping Weight:	25/170 g (0.9/6 oz.) -



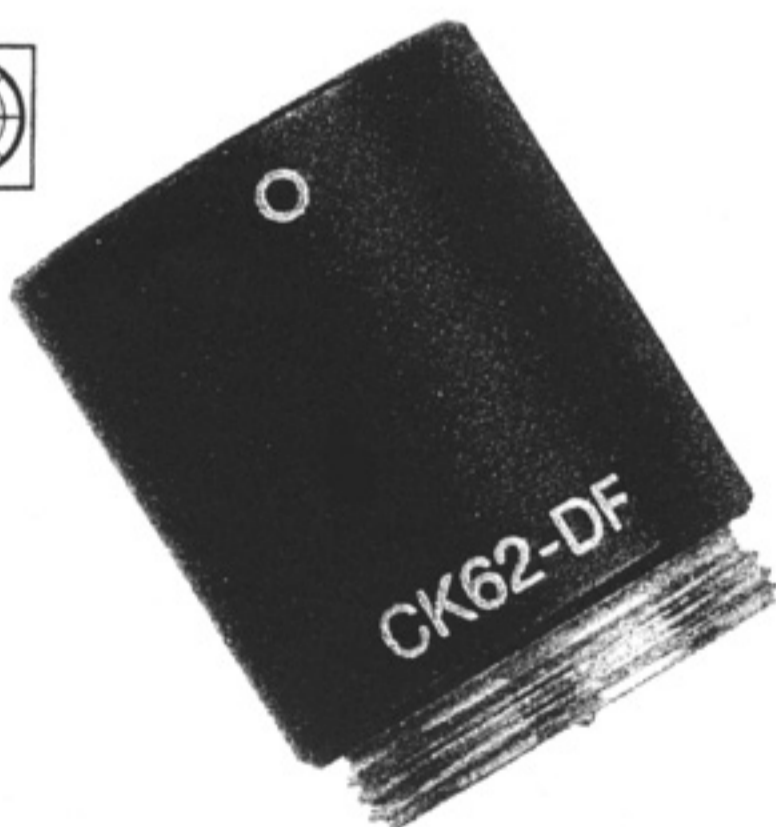
## CK 61-ULS CARDIOID CAPSULE



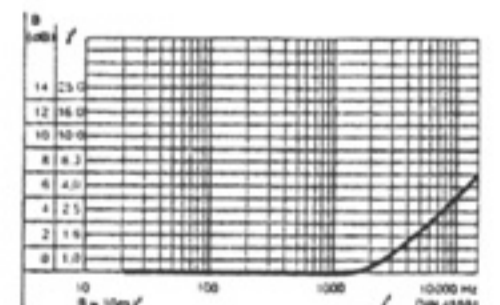
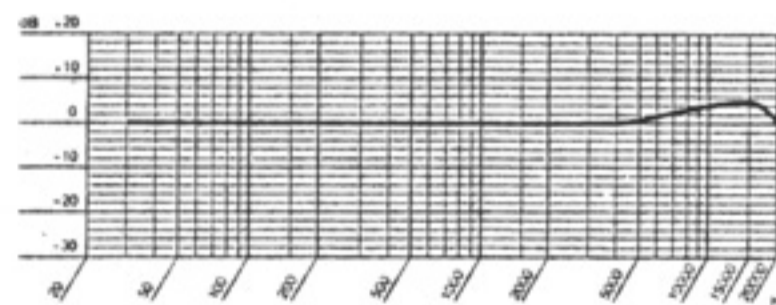
Same as CK 61, except for omnidirectional polar pattern. For more reverberant sounding recordings.



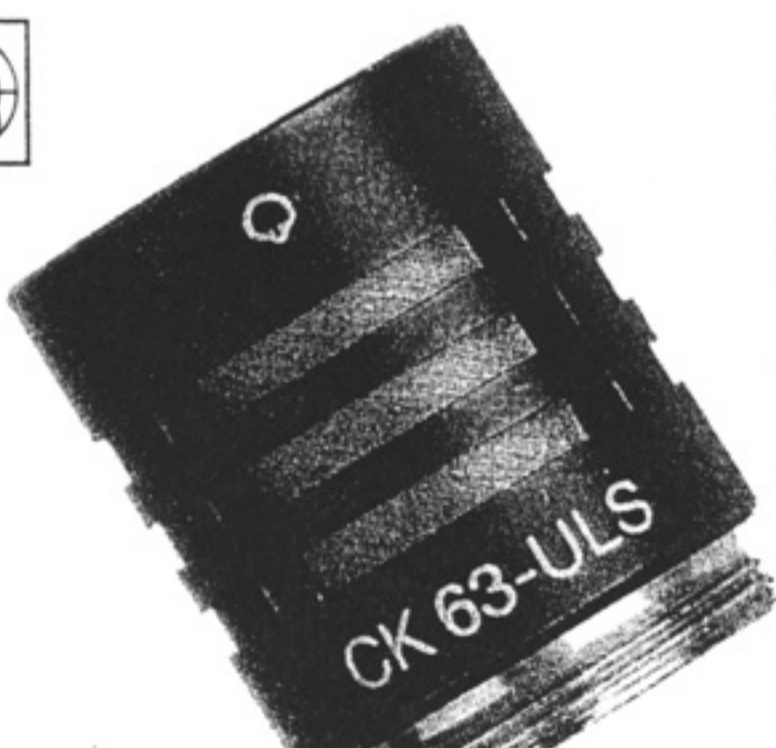
## CK 62-ULS OMNIDIRECTIONAL CAPSULE



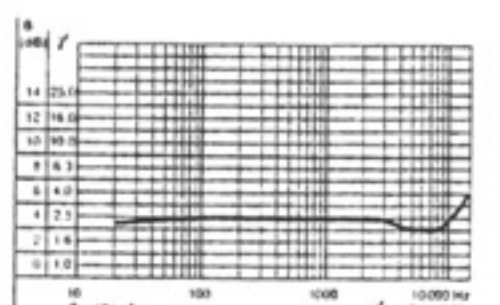
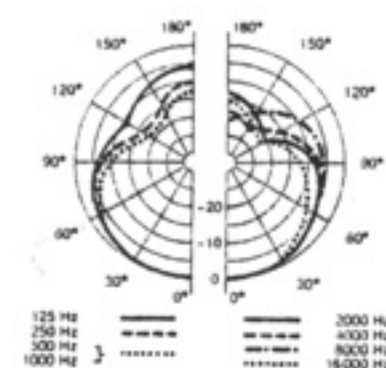
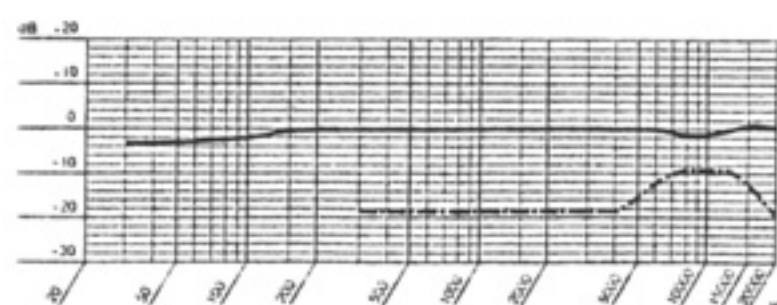
Omnidirectional capsule with specially equalized frequency response. For far-field miking outside the room radius, where most of the sound arriving at the microphone is reflected, diffuse sound.



## CK 62-DF OMNIDIRECTIONAL CAPSULE



Same as CK 61, except for hypercardioid polar pattern. Better off-axis rejection provides better channel separation and in many cases higher gain-before-feedback.



## CK 63-ULS HYPERCARDIOID CAPSULE