

# CK 1



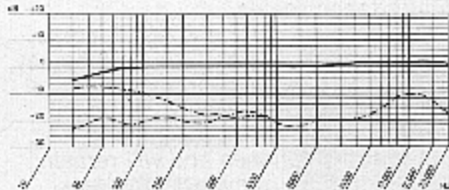
Whenever classic cardioid microphones are required the CK 1 is suitable for all general purposes (together with FET pre-amplifiers C 451 or C 452).



The polar pattern is a frequency-independent cardioid with uniform front-to-back ratio.  
Available in satin charcoal.

## Technical Data:

- Freq. range: 20 to 20,000 Hz  $\pm 1$  dB from published curve.
- Sensitivity at 1,000 Hz: 9.5 mV/Pa  $\triangleq$  0.95 mV/ $\mu$ b  $\triangleq$  -60.5 dBV ref. 1  $\mu$ b.
- Dimensions: 18 $\varnothing$  x 28 mm (0.7 $\varnothing$  x 1.1 in).
- Weight: 20 g (0.7 oz) net, 60 g (2.1 oz) shipping.



**Transducer Type:** Condenser

**Directional Characteristic:**

Cardioid

**Sensitivity:**

-39.5 dBm (EIA  $G_{in}$ : -132 dBm)

**Finish:** Nickel-plated brass

**Overall Dimensions:**

1 1/8" long x 3/4" dia.

**Net Weight:** 1 oz.



**CK-1S**

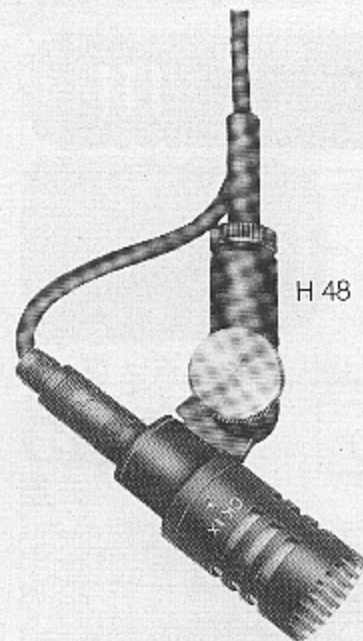
**CK-1S:** Cardioid condenser capsule with rising response. Similar to CK-1 and CK-1 Black capsules, but with on-axis rising response between 2 kHz and 10 kHz. Extremely useful for imparting added "presence" and "brilliance" at normal working distances, or for preserving clarity at greater working distances. Mates with any C-450 system pre-amplifier. Complete with individual proof-of-performance frequency-response curve and foam-lined vinyl case.



# CK 1 X



This transducer element enables the sound engineer in film-, tv-, and theatre work to use small microphone capsules of the highest professional standard remotely from the substantially larger pre-amplifier via a highly flexible cable connection. Together with a miniature stand adapter/hanger support and plug-ended extension cables of various lengths, the application of this capsule is greatly extended compared to integrated microphone designs.



H 48

MK 46/3



## The following products are required to operate this system

- CK 1 X, CK 2 X, CK 3 X or CK 8 X microphone capsules
- C 460 B microphone pre-amplifier (not included in capsule delivery)
- MK 46/3 + H 48 operating cable incl. microphone adapter and hanger support/stand adapter (not included in capsule delivery)

## Optional Accessories:

- MK 46/.. Extension cable in various lengths (. indication of length in meters).
- W 32 Foam-type windscreen
- St 46 Miniature table stand
- H 46 Elastic shock mount
- H 52 Stereo suspension set
- B 18 Battery supply unit
- N 62 E Power supply unit for two microphones
- N 66 E Power supply unit for six microphones

## Technical Data:

(measured in connection with the C 460 B pre-amplifier)

- Frequency range: 20 to 20,000 Hz
- Sensitivity at 1,000 Hz: 8 mV/Pa $\Delta$   
0.8 mV/ $\mu$ b $\Delta$  - 62 dBV ref. 1  $\mu$ b
- Equivalent noise level:  
acc. to DIN 45405 (CCIR 468-2): 24 dB  
acc. to DIN 45412 (A-weighted): 18 dB-A
- S/N ratio ref. 1 Pa-(A-weighted): 76 dB
- Max. sound pressure: 200 Pa $\Delta$   
140 dB SPL
- Operating temperature range:  
- 10° C to + 60° C
- Permissible humidity level: 99%  
(+ 20° C), 95% (+ 60° C)
- Dimensions: 18  $\varnothing$  x 40 mm  
(0.7  $\varnothing$  x 1.6 inch)
- Weight: approx. 30 g (1.1 oz) net.
- Shipping weight: 150 g (5.3 oz)
- Finish: non-reflective black chrome
- Connector: 3 pin LEMOSA, size 0.