

Order number: **C 28C comb.** delivery includes:

- Studio Condenser Microphone C 28C (Condenser Capsule CK 28-cardioid, Hood GK 28C, Adapter A 28A, Pre-amplifier V 28C), 230 g; in wooden case KS 28, 110 g
- Stand adapter and 20 m Microphone Cable MK 28 with connector AKG 8S26K, 1000 g
- Power Supply Unit N 28A with 2 m power cable and power plug, 2000 g
- 5 m, 2-conductor shielded AF-Cable NF 28 with connector AKG 6S26A, other cable end free, 250 g
- Individual frequency curve
- Weight with individual packing, ca. 4400 g.

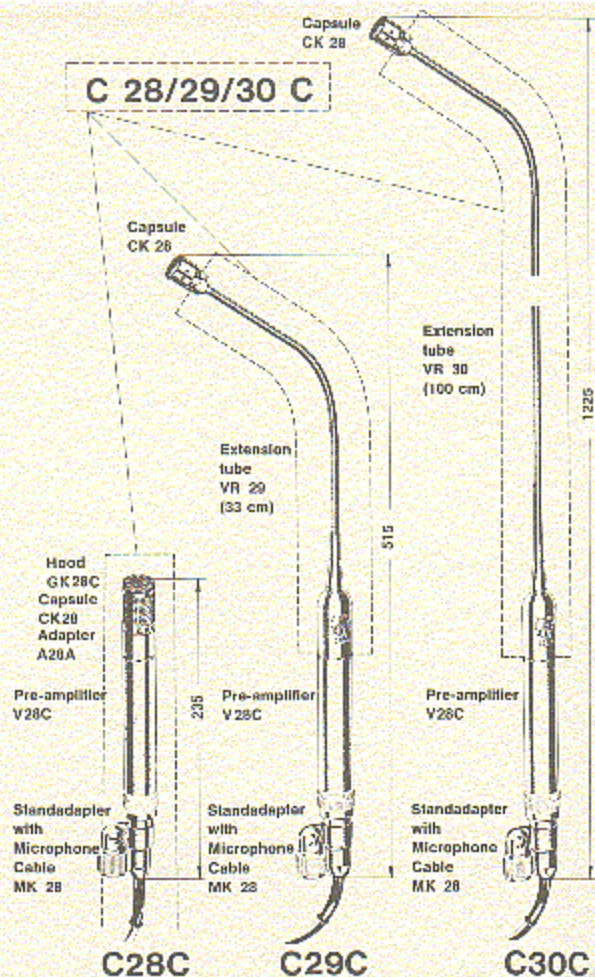
Order number: **C 30C comb.** delivery includes:

- Studio Condenser Microphone C 30C (Condenser Capsule CK 28-cardioid, Extension Tube VR 30 (100 cm), Pre-amplifier V 28C), 480 g; in wooden case KS 30, 3300 g
- Windscreen W 17, 50 g
- MK 28, N 28A, NF 28 (details see C 28C comb.)
- Weight with individual packing, ca. 7800 g.

Order number: **C 28/29/30C comb.** delivery includes:

- Studio Condenser Microphone C 28C, 230 g
- Extension tube VR 29 (33 cm), 150 g
- Extension tube VR 30 (100 cm), 260 g
- Windscreen W 17, 50 g; in wooden case KS 30, 3300 g
- MK 28, N 28A, NF 28 (details see C 28C comb.)
- Weight with individual packing, ca. 8200 g.

Order number: **CK 26** (omni-directional Condenser Capsule),
GK 26C (Hood, black)



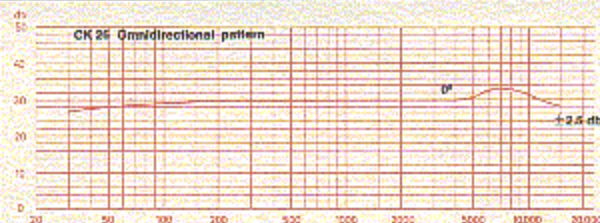
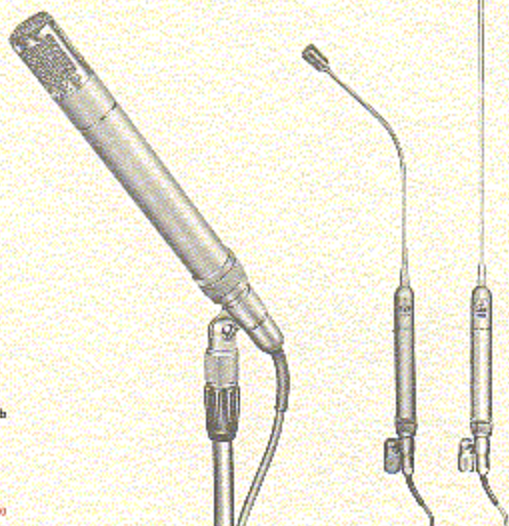
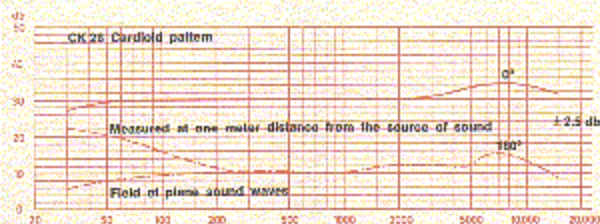
Frequency Range: with CK 28-cardioid: 30 ... 18 000 cps; with CK 26-omni: 30 ... 18 000 cps;
 Sensitivity: with CK 28: 1.3 mV/ μ bar (-58 dbv); with CK 26: 1.0 mV/ μ bar (-60 dbv); Impedance: 200 ohms $\pm 15\%$, 50 ohms (change solder lugs); Min. Actual Load Impedance: ≥ 500 ohms (150 ohms); Weighted Noise Level: 2.5 μ veff (Filter CCIF 1954 DIN 45 405); Unweighted Noise Level: 8.0 μ veff; Residual Noise Level: < 20 db (Filter CCIF 1954 DIN 45 405); Max. Sound Level (for 1% thd): 150 μ bar (117.5 db); Filament Voltage: 6.3 v; Plate Voltage: 120 v; Tube: 7586 NuVistor; Power Supply: 220, 110 v $\pm 10\%$; 40 ... 60 cps, regulated.

- This drawing illustrates how to use the three combination-possibilities of the C 28/29/30C:
- C 28C: stand-mounted or hand-held
- C 29C: with 1 foot extension tube
- C 30C: with 3 feet extension tube, for stages, TV etc.; almost invisible.
- C 28C: Hood GK 28C protects capsule CK 28, which is screwed into adapter A 28A. A 28A mounts on pre-amplifier V 28C.
- C 29C: In place of A 28A with GK 28C, the extension tube VR 29 is screwed into pre-amplifier V 28C. The capsule CK 28 is removed from A 28A and screwed into upper end of extension tube VR 29.
- C 30C: as C 29C but with long extension tube VR 30. No tools and only a few seconds are needed to change from one type to the other. Instead of the normally supplied condenser capsule CK 28 (Cardioid), the omni-directional CK 26 is available if specified. Change from CK 28 to CK 26 within seconds.

- Professional Condenser Microphone Combination
- Quick change from table version C 28C to almost invisible stage version C 29C or C 30C by thin extension tubes
- Cardioid condenser capsule CK 28 can be replaced within a few seconds by the omni-directional capsule CK 26
- Transistor-Zener Diode stabilization permits use of any desired microphone cable length up to 950 ft. (Audio cable up to 300 ft.)
- Individual frequency curve is supplied with each microphone



— 125 cps
 — 250 cps
 - - - 500 cps
 - - - 1000 cps
 — 2000 cps
 — 4000 cps
 - - - 6000 cps
 - - - 8000 cps



This picture shows the Studio Condenser Microphone Combination C 28/29/30C in an elegant wooden case. (N 28A, MK 28, NF 28 not shown)

C 28/29/30C

Studio
Condenser
Microphone
Combination

C 28/29/30 A

Condenser Microphones

The C 28 A condenser microphone is the basic type for a number of handy studio mikes with cardioid or omni-directional characteristic, meets all studio requirements for television, broadcast, motion picture and the recording industry. The microphone is normally supplied with the CK 28 A cardioid capsule. (If the CK 26 A omni-directional capsule is required, this should be specifically stated).

The C 29 A comprises the V 28 A microphone amplifier of the C 28 A a condenser capsule and the VR 29 extension tube (length 1' 1" = 33 cm). The C 30 A is identical to the C 29 A but the extension tube (VR 30) has a length of 3' 4" (100 cm).

The types C 29 A and C 30 A are particularly suitable for stage or television applications as the small condenser capsule and the thinness of the extension tube allow the microphone to be brought very close to the sound source without being conspicuous. Conversion of one microphone type to another is easily possible on the site of recording.



C28 A

TECHNICAL DATA

Frequency range:	30 ... 30 000 cps
Directional characteristic:	with CK 28 cardioid: about 20 db front-to-back ratio (1000 cps), with CK 28 approx. 1.3 mV/ubar (-60 db re 1 v/dyne/cm ²), unloaded, 200 ohms, with VR 29 short extension tube approx. 0.5 db down, with VR 30 long extension tube approx. 2 db down
Equivalent noise level:	less than 21 db
Output impedance:	200/50 ohms
Tube complement:	1 x 6072
Filament voltage:	6.3 vdc at 175 ma
Plate voltage:	120 vdc at 0.7 ma
Connection:	50/60 cps AC, 110/125/145/220/245 volts (rotary selector on base plate)
Dimensions:	C 28 A: 6 7/8" long (174 mm), 1" diameter (26 mm), weight: 7 ozs. (200 g) C 29 A: overall length 1' 6" (455 mm), the capsule is 5 1/2" (138 mm) in front of the amplifier axis, inclined 45° to the vertical. Diameter of the amplifier portion 1" (26 mm), weight: 13 ozs. (310 g) C 30 A: overall length 3' 9 1/4" (1165 mm), (capsule and diameter see C 29 A), weight: 13 ozs. (370 g)
Shipping weights:	C 28 A: 28 lbs. 11.2 ozs. (13 kg), C 29 A or C 30 A: 55 lbs. 1 oz. (25 kg), (see parts supplied)

PARTS SUPPLIED

C 28 A:	condenser microphone C 28 A, microphone cable MK 28, with 5B17B spec stand attachment and 8 S 26 B plug connector, amplifier V 28 A, adapter A 28 A, capsule CK 28 and hood (light) GK 28 A, power supply unit N 12, audio frequency cable NF 28, with 6 S 28 A plug, power cable NK 12 with plugs, elegant wood case KS 28
C 29 A:	same as C 28 A, but with omni-directional capsule CK 26 or cardioid capsule CK 28, without adapter A 28 A and hood GK 28 A, but with short extension tube VR 29, poppingscreen W 17, spring jacket F 17, elegant case KS 29
C 30 A:	same as C 29 A, but with long extension tube VR 30 and elegant case KS 30
C 28/29/30 A:	amplifier V 28 A, adapter A 28 A, capsule CK 28, hood GK 28 A, short extension tube VR 29, long extension tube VR 30, poppingscreen W 17, spring jacket F 17, power supply unit N 12, microphone cable MK 28 (20 m long) with 5B17B spec stand attachment and connector 8 S 26 B, AF-cable NF 28 (5 m long) with space for all microphone parts, which can be assembled as desired. Space is provided for a second capsule.

ACCESSORIES

Condenser microphone capsule (omni) CK 26 A, hood (identification color: black, if CK 26 A is used) GK 26 A, extension tubes VR 29 and VR 30, poppingscreen W 17 (for C 29 A, C 30 A), W 28 (for C 28 A), stand adapter SA 4, elastic suspension H 28 (for C 29 A), floor stand St 200, heavy table stand St 301, studio-matching transformer U 3027 and U 3053.

