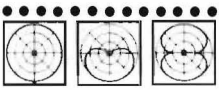


C 422 comb

STEREO MICROPHONE



Stereo microphone with two vertically stacked twin diaphragm elements (CK 12 large diaphragm capsules as used in the C 414 B-U.S.).

The upper transducer can be rotated through 270° with respect to the lower one for adjustment to different stereo base angles.

The entire microphone head is rotatable through 45° permitting a quick change from MS to XY recording when the microphone is fixed to the stand adapter or spider suspension. Two narrow beam LEDs mounted on the sound entry side of the two capsules enable the base angle to be checked immediately, even from a distance, in a concert hall or studio. The LEDs are powered from the S 42 E remote control, by either a conventional or a rechargeable 9-V battery which may be continuously charged by the phantom supply via a trickle charge circuit.

The 10 and 20 dB preattenuation pads for each channel can be switched in and out by a common switch. A threaded hole on the microphone shaft accepts the knurled head fixing screw on the H 15/9 spider suspension. The case is finished matte black. Three basic polar patterns (omnidirectional, cardioid, figure 8) and 6 intermediate stages per channel can be selected on the remote control.

STANDARD ACCESSORIES

W 42 Foam windscreen
H 15/9 Spider suspension
S 42 E Remote control
MK 42/20 Connecting cord for S 42 E (20 m/66 ft.)
Carrying case

OPTIONAL ACCESSORIES

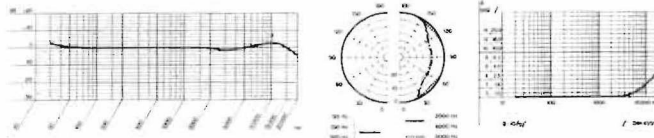
N 62, N 66 AC power supplies
B 18 Battery power supply (two required)
MK 9/10 Cable
St 102 Boom stand



SPECIFICATIONS

Polar Pattern:	omnidirectional, cardioid, figure 8, and 6 intermediate stages
Frequency Range:	20 – 20,000 Hz \pm 2.5 dB from specified curve
Sensitivity:	6 mV/Pa
Impedance:	200 ohms
Equivalent Noise Level:	30 dB (CCIR 468-2) 19 dB-A (DIN 45412-A)
S/N Ratio:	75 dB
Current Consumption:	\leq 5 mA per channel
Max. SPL for 0.5% THD:	133 dB
Crosstalk Rejection:	\geq 70 dB (20 Hz – 10 kHz) \geq 40 dB (20 Hz – 15 kHz)
Size:	43/33 \varnothing x 236 mm (1.7/1.3 \varnothing x 9.3 in.)
Net/Shipping Weight:	450 g/2 kg (16 oz./4.4 lbs)

Omni-directional



Cardioid

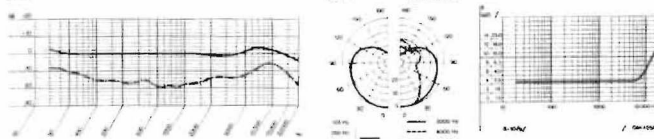
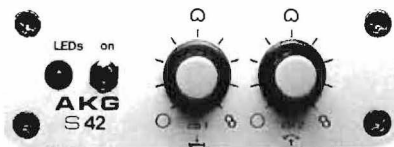
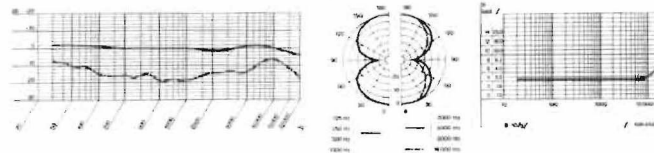


Figure 8



S 42E Remote Control Unit

THE CMS SYSTEM

Each CMS microphone consists of a condenser capsule screwed on a shaft containing the preamplifier. A range of interchangeable capsules with different polar patterns is available. For instance, one CMS microphone plus several capsules with different polar patterns make a versatile tool for overdubs

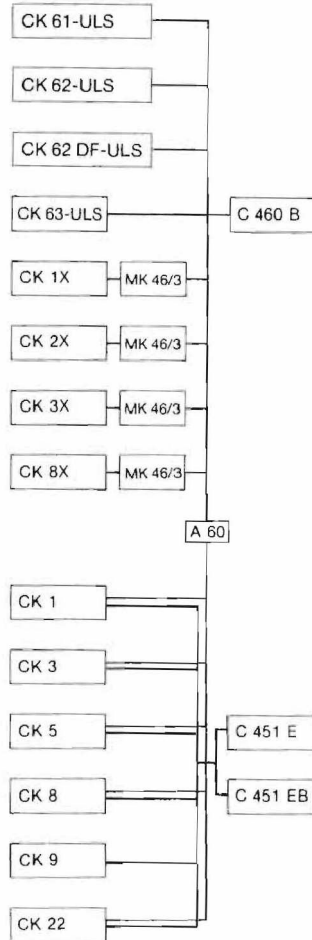
Each "comb" package contains a complete rod shaped studio microphone consisting of one CK capsule, one C 451 or C 460 B preamplifier, and various accessories.

The preamplifier and capsules are also available separately and may be combined as desired.

The CK 1, CK 3, CK 5, CK 8, CK 9*, and CK 22 capsules screw directly on the C 451 and – via the A 60 adapter – the C 460 B.

The CK 1 X, CK 2 X, CK 3 X, and CK 8 X connect to the C 460 B preamplifier via an extension cable. The capsules can thus be set up away from the more bulky preamplifiers to provide high quality sound with minimum visual interference in film, TV, and theater applications.

The interchangeability of CMS capsules allows many different types of applications to be covered and creative miking techniques to be tried with relatively few components.



*) CK 9 needs modifying to accommodate C 460 B