

C-74/C-76



C-74



C-76

Super uni-directional, gun-type electret condenser microphones for theatrical and media use.

These Sony professional microphones are considered the standard of excellence around the world for use in theaters, on sound stages, in large halls, in television studios and even outdoors. Extremely fine uni-directional characteristics make them the perfect microphones to use where proximity is unwanted or impossible: the microphone is simply aimed at the sound source to achieve fine results.

The quality performance of the C-76 and C-74 is ideally suited to the performing arts. High sensitivity with broad frequency response and excellent transient capability bring out the best in any performance . . . even from a distance. The microphones discriminate against background noise and unwanted sounds—cutting through to the source.

The C-74 is shorter than the C-76 and therefore slightly more maneuverable. This has made it a favorite for newsgathering and sports.

Special features of the C-74 and C-76:

Uni-directional precision. Sony technology makes it possible to pick up sound clearly and precisely even from a distance, eliminating ambient noise and reverberations.

Quality performance. Signal-to-noise ratio of 60 dB and sensitivity of -58 dB, combined with outstanding frequency response provide a natural, warm sound with a "close-up" quality.

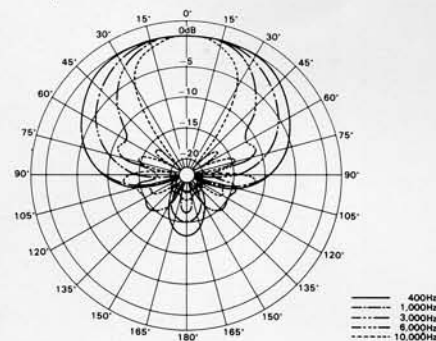
Urethane Windscreen. Included to eliminate wind noise even in gusts . . . ideal for newsgathering and sports.

Low-cut switch. Allows you to cut off lower frequencies where most spurious noise is likely to occur. Provides crisp, clean performance.

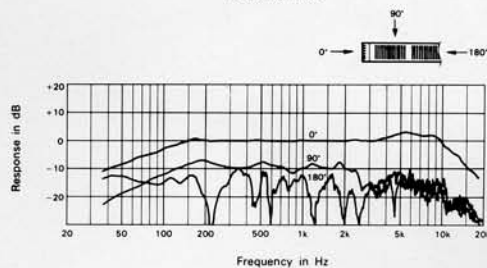
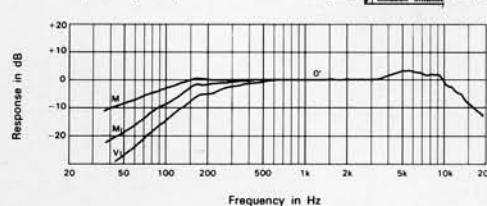
Long battery life. Up to 50 hours continuous operation, using 9V mercury batteries. A LED indicator tells you when power supply is low.

AC/DC operation. For added convenience and increased versatility, an optional external AC power supply may be used.

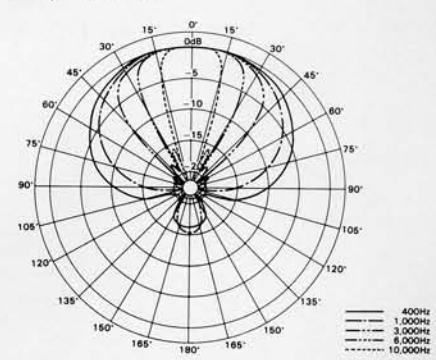
Polar pattern C-74



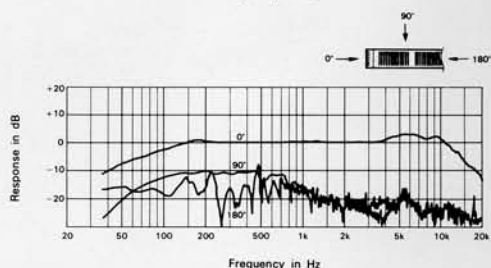
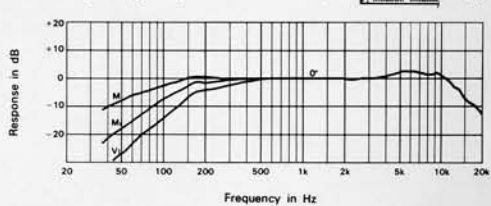
Frequency response



Polar pattern C-76



Frequency response



GP-3 (optional)

Pistol type hand grip (available for both the C-76 and the C-74)
Microphone grip carefully designed for minimum vibration. Lightweight, easy-to-handle and durable enough for outdoor use. Can be installed on standard microphone and boom stands and can accommodate the microphone even when equipped with wind

screen. Adjustable microphone angle. Screw adaptor 5/8"-27 thread is supplied.

Dimensions:

315(W) × 200(H) × 83mm(D)
(12 3/8 × 7 7/8 × 3 1/4")

Weight: 500 g (1 lb 3 oz)

Angle adjustable range:

7° downward
90° upward



GP-4 (optional)

Compact hand grip (available for both the C-76 and the C-74)
Lightweight and durable enough for outdoor use. Can be installed on standard microphone and boom stands. Adjustable microphone angle. Screw adaptor 5/8"-27 thread is supplied.

Dimensions:

40(W) × 179(H) × 55mm(D)
(1 5/8 × 7 1/8 × 2 1/8")

Weight: 200 g (7 oz)

Angle adjustable range:

90° downward and upward



AD-46, AD-44 (optional)

Wind screen

Doubly structured mesh wind screens to facilitate outdoor use of the super uni-directional microphones, the C-76 and the C-74. These wind screens can be used even in rain, snow, and strong wind up to 6-7/sec of wind velocity. Extra lightweight and easy-

to-handle. The AD-46 is for the C-76 and the AD-44 is for the C-74.

AD-46

Dimensions: φ74 × 800mm

Weight: approx. 700 g (1 lb 8 oz)

AD-44

Dimensions: φ74 × 550mm

Weight: approx. 610 g (1 lb 5 oz)



AD-46

AD-44

SC-29, SC-30 (optional)

Carrying cases

Sturdily constructed carrying cases to house microphone, hand grip, wind screen and other accessories. Both the SC-29 and the SC-30, made of rigid aluminium, are durable enough for rough handling. Their interiors are carefully designed to absorb shocks to microphone during carrying. They readily accommodate the microphone equipped with hand grip or wind screen. The

SC-29 is for the C-74 and the SC-30 is for the C-76.

SC-29

Dimensions:

630(W) × 105(H) × 290mm(D)
(24 3/4 × 4 1/8 × 11 3/8")

Weight: approx. 4 kg (8 lb 10 oz)

SC-30

Dimensions:

872(W) × 105(H) × 290mm(D)
(34 1/4 × 4 1/8 × 11 3/8")

Weight: approx. 5 kg (11 lb)



SC-29

SC-30

As kits, the ACC-76K and the ACC-74K (not shown) contain all the accessories for C-76 and C-74.

	C-76	C-74		C-76	C-74	
Capsule Type	Condenser	Condenser	Cable Plug Type	—	—	
Directivity	Super uni	Super uni	Power Supply	Phantom	Yes	Yes
Frequency Response Hz	40 ~ 16,000	40 ~ 16,000		Battery	Yes	Yes
Output Impedance	250 ohms	250 ohms		Type Equiv.	Eveready E-117	Eveready E-117
Open Circuit Output Level OdB = 1V/10μ bar @ 1KHz	-38 dB 12.6 mV	-38 dB 12.6 mV	Dimension	max. dia.	1"	1"
Signal to Noise Ratio 1KHz 10μ bar	60 dB	60 dB		length	26 3/4"	16 7/8"
Maximum Sound Pressure Level SPL	126 dB	126 dB	Weight	14.6 oz.	12.5 oz.	
Dynamic Range	112 dB	112 dB	Supplied Accessories	wind screen	wind screen	
Pad	—	—				
Equalizer	M, M1, V1	M, M1, V1	Remarks			
Mic Connector	XLR-3	XLR-3				
Mic Cable Length	—	—				