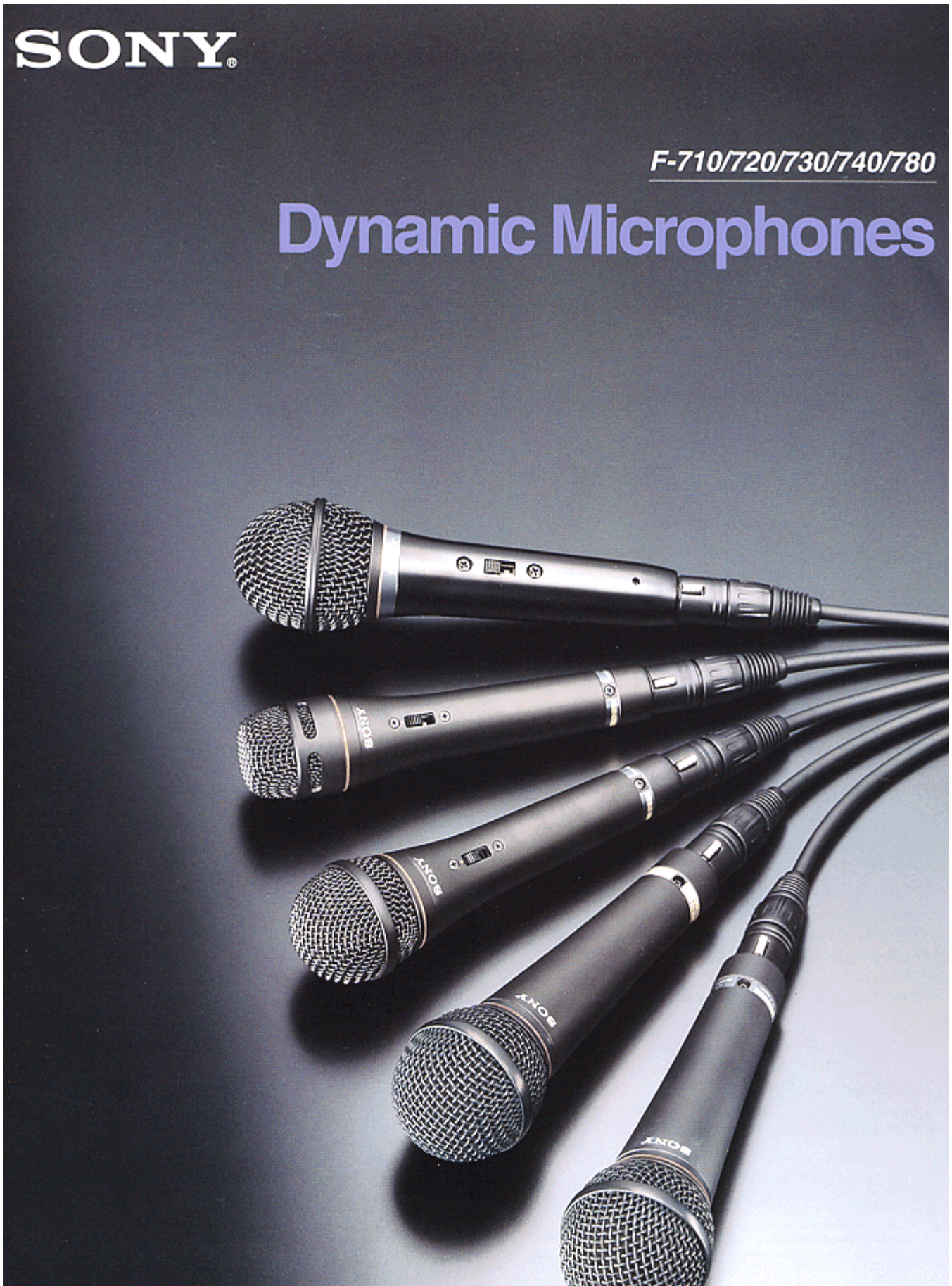


SONY®F-710/720/730/740/780

Dynamic Microphones

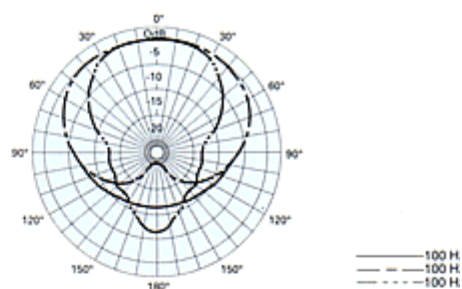


F-780 *Uni-directional Dynamic Microphone*

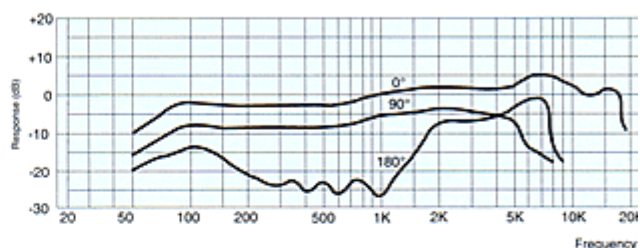


- For critical vocal recording application at concerts and TV light entertainment production
- Rugged capsule in a resilient body structure
- Special AlNiCo Magnet provides excellent sensitivity, powerful and accurate sound reproduction.
- High quality CCAW (Copper Clad Aluminium Wire) voice coil provides powerful, crisp, clean sound in the mid and high frequency range
- Complete with robust microphone holders

Directivity Characteristics



Frequency Response Characteristics

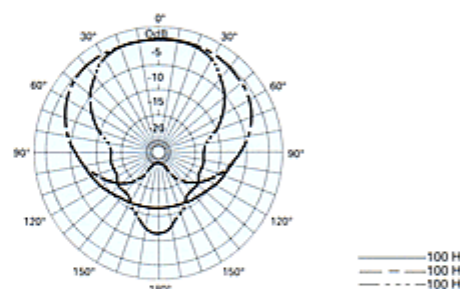


F-740 *Uni-directional Dynamic Microphone*

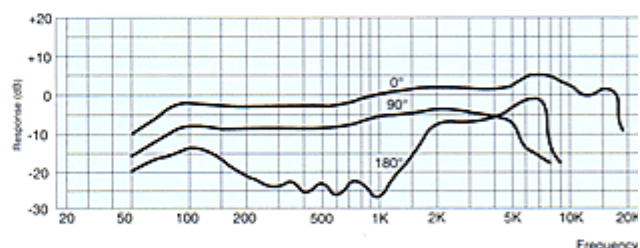


- For vocal and instrumental pick-up over a wide range of applications, from live concerts to theater and conference hall use
- Rugged capsule in a resilient body structure
- Special AlNiCo Magnet provides excellent sensitivity, powerful and accurate sound reproduction.
- High quality CCAW (Copper Clad Aluminium Wire) voice coil
- Complete with robust microphone holders

Directivity Characteristics



Frequency Response Characteristics



Application and Suitability

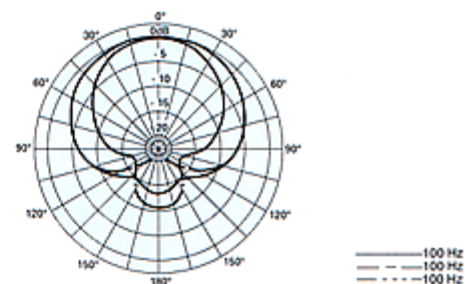
Area of Application	Model	Examples of Application
Music Recording	F-780	Vocal Recording
	F-740	Vocal & Chorus, Bass Drum, Timpani, Percussion
TV/Radio Station	F-780/740	Vocal, Speech, Interview, Musical Instruments (Refer to Music Recording)
Sound Reinforcement (Stage, Concert Hall, etc.)	F-780	Vocal
	F-740	Musical Instruments: Toms, Chorus, Vocal

F-730 *Uni-directional Dynamic Microphone*

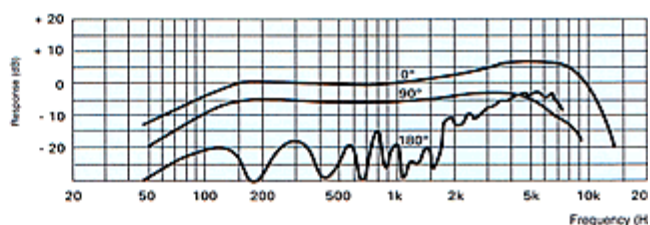


- For vocal applications such as on-stage, interviews and TV entertainment programs
- Virtually impervious to handling noise and vibration because of efficient, one-piece capsule shock mount
- Convenient TALK switch to turn the microphone on and off

Directivity Characteristics



Frequency Response Characteristics

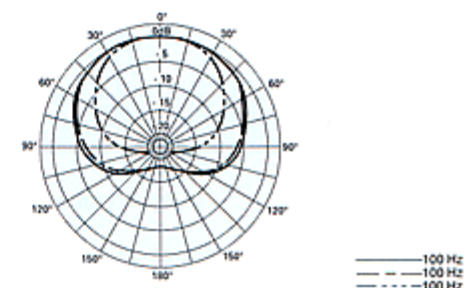


F-720 *Uni-directional Dynamic Microphone*

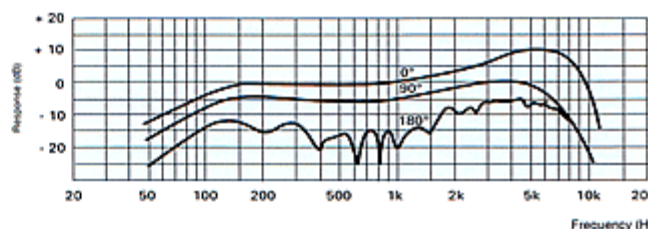


- Ideal for use in schools, halls, churches and many other places.
- Virtually impervious to handling noise and vibration because of efficient, one-piece capsule shock mount
- Convenient TALK switch to turn the microphone on and off

Directivity Characteristics



Frequency Response Characteristics

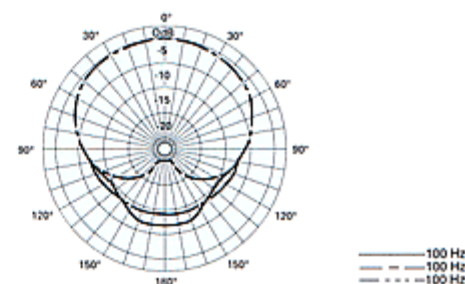


F-710 *Uni-directional Dynamic Microphone*



- Suitable for voice pick-up and sound reinforcement of musical instruments.

Directivity Characteristics



Frequency Response Characteristics



Specifications

	F-710	F-720	F-730	F-740	F-780
Capsule type	Dynamic	Dynamic	Dynamic	Dynamic	Dynamic
Frequency response (Hz)	70 - 15,000	50 - 13,000	50 - 13,000	50 - 18,000	50 - 18,000
Directivity	Uni-directional	Uni-directional	Uni-directional	Uni-directional	Uni-directional
Effective output level at 1kHz (dBm) (0dBm = 1mW/1Pa)	-56.0	-60.0	-59.0	-56.0	-55.0
Sensitivity (dB) (0dB = 1V/1Pa at 1kHz)	-54.0 ±3.0	-57.0 ±3.0	-56.0 ±3.0	-54.0 ±2.0	-53.0 ±2.0
Output impedance (Ω ±20%)	400	500	500	400	400
Induction noise from an external magnetic field (dB SPL / 1 x 10 ⁻⁷ T(1mG))	≤5	≤10	≤10	≤5	≤5
Wind noise (dB SPL)	≤55	≤55	≤45	≤50	≤50
Microphone connector	XLR-3-12C type	XLR-3-12C type	XLR-3-12C type	XLR-3-12C type	XLR-3-12C type
Dimensions (mm) (inch)	φ 54 x 177 (φ 2 1/4 x 7)	φ 37.6 x 160 (φ 1 1/2 x 6 3/8)	φ 44.4 x 166 (φ 1 3/4 x 6 5/8)	φ 51 x 165 (φ 2 1/8 x 6 1/2)	φ 51 x 165 (φ 2 1/8 x 6 1/2)
Weight (g) (oz)	250 8.8	260 9.2	250 8.8	290 10.2	290 10.2
Supplied Stand screw / Mic holder screw	PF 1/2-inch thread	PF 1/2-inch thread	PF 1/2-inch thread	PF 1/2-inch thread	PF 1/2-inch thread
Supplied Stand adaptor	NS 5/8-inch thread W 3/8-inch thread	NS 5/8-inch thread W 3/8-inch thread	NS 5/8-inch thread W 3/8-inch thread	NS 5/8-inch thread W 3/8-inch thread	NS 5/8-inch thread W 3/8-inch thread
Mounting on A-12 (Available screw U 5/16-inch thread, PF 1/2-inch thread)	Yes	Yes	Yes	Yes	Yes
Mounting on A-25 (Available screw U 5/16-inch thread, PF 1/2-inch thread)	Yes	Yes	Yes	Yes	Yes
Mounting on A-25N (Available screw NS 5/8-inch thread)	Yes	Yes	Yes	Yes	Yes
Mounting on CRS-3P	Yes	Yes	Yes	Yes	Yes
Supplied accessories	Microphone holder(x1) Stand adaptors (x2)	Microphone holder(x1) Stand adaptors (x2)	Microphone holder(x1) Stand adaptors (x2)	Microphone holder(x1) Stand adaptors (x2)	Microphone holder(x1) Stand adaptors (x2)

* 1Pa = 1 x 10⁵ bar* 0dB SPL = 2 x 10⁻⁵ Pa

Design and specifications subject to change without notice