

beyerdynamic))))

M 260 N (C) S

M 260 NS / M 260 N (6) S / M 260 N
M 260 N (C) / M 260 N (6)

ENGINEERING DATA

Unidirectional Dynamic Microphone

- Unique Ribbon Microphone for Highest Quality Requirements
- True Hypercardioid Pickup Pattern
- Highly Sensitive
- Excellent Anti-feedback Characteristic Over the Whole Frequency Range
- Rugged All Metal Construction
- Built-in "On-Off" Switch



DESCRIPTION AND APPLICATIONS

The BEYER DYNAMIC M 260 is the world's most popular ribbon microphone, the favorite in motion-picture, TV, broadcasting and professional recording studios for vocal and instrumental recordings. Specified by the world's leading acoustic consultants for complicated sound reinforcement and PA work. The BEYER DYNAMIC ribbon technique represents a major technological breakthrough in microphone manufacturing. Incorporating a unique high energy transducer which has a flat frequency response of 50 to 18,000 Hz, the performance of the M 260 is approached only by very few professional microphones in the upper price bracket. Due to a ribbon transducer, only 2 microns thick, with a length of only 0.85" and a mass of only 0.00034 of a gram, the resultant complete absence of non-linear distortion creates this startling clarity and transparency of the sound picture. The hypercardioid characteristic of this microphone is such that unwanted sound is heavily dampened reaching a maximum of 20 db at 120° (normally cardioids provide greatest rejection at 180°). The microphone is fitted with a readily accessible "on-off" switch. The M 260 withstands the rigors of professional use and is completely unaffected by humidity and extreme temperatures.

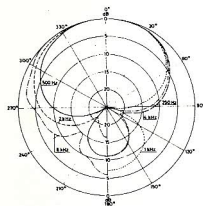
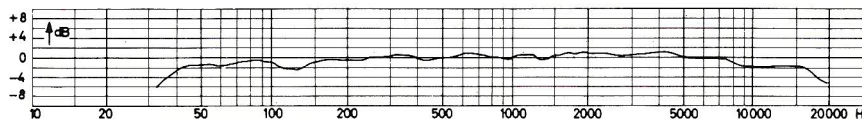
The same microphone is also available without switch (Ref. M 260 N, M 260 N (C), M 260 N (6)).

EXCLUSIVE U.S. DISTRIBUTORS:

BEYER DYNAMIC, INC.

5-05 Burns Avenue, Hicksville, New York 11801
Telephone (516) 935-8000

Form BA 7

POLAR PATTERN:**FREQUENCY RESPONSE CURVE ($\pm 3\text{db}$):**

This polar pattern and frequency response curve correspond to typical machine run specifications from a standard M 260.

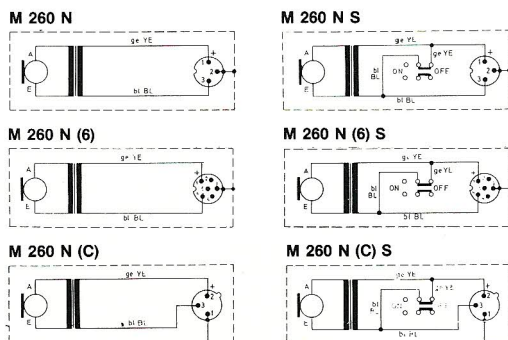
SPECIFICATIONS

Operating Principle:	Pressure Gradient
Frequency Response:	50 to 18,000 Hz
Polar Pattern:	Hypercardioid
Side attenuation at 120°:	20 db
Output Level at 1 kHz:	
Open Circuit Voltage	0.9 mV/Pa
(0 dbm \triangleq 1mW/Pa)	\triangleq -60 dbm
EIA Sensitivity Rating	-153 dbm
Electrical Impedance:	200 ohms
Load Impedance:	> 1,000 ohms
Diaphragm (ribbon):	Pure aluminum
Case:	Brass
Case Finish:	black chromium-plated top mesh chromium-plated
Net Weight (less cord):	300 grams
Built-in three-pin male audio connector:	Switchcraft M 3 M or equivalent connector
(M 260 N (C) S)	

FURNISHED ACCESSORIES**

Carrying case	black deluxe leatherette presentation case
Swivel adapter	MKV 28
Popscreen	PS 260 (anthracite color)

**may vary in its composition

WIRING DIAGRAM

Positive pressure produces positive voltage on yellow cable lead (+)

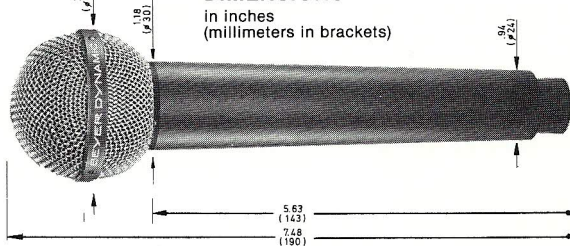
OPTIONAL ACCESSORIES

Cable	type MVK N (C), 7.5 m two conductor, shielded, broadcast type, synthetic rubber-jacketed, with Switchcraft A 3 F female connector or equivalent on the microphone end, open ends on equipment end, leads white (inphase) and blue or type MVK N, same specifications but with a female DIN connector on the microphone end. For further cable sets please inquire.
Clamp	Quick release clamp MKV 6
Windscreen	WS 69, lightweight foam material. Available at your choice in gray, red, blue, green and yellow
Gooseneck	for M 260 N (C) S: SH 15/400 N (C) for M 260 N S: SH 15/250 N or SH 15/400 N, base plate ZSH 30
Table stand	ST 300
Floor stands	Lightweight ST 230 incl. boom arm, ST 201/1, ST 201 A/1, ST 205 A/1 + boom arm Sch 211
High quality trans-	TR/BV 345 015 006/C-K/5 — cable trans-
formers to connect	former, length of cable 5 m, turns ratio
low impedance	1:15, impedance 200/45 kohms. Low im-
lines to high	pedance side — professional three-pin
impedance inputs,	female audio connector, high impedance
or vice versa	side — standard 6.35 mm (1/4 in.) phone
	plug.
	TR/BV 341 015 006/C-C, plug-in trans-
	former, turns ratio 1:15, impedance 200/
	45 kohms, input professional three-pin
	female audio connector, output three-pin
	male audio connector (male and female
	connector to mate with Cannon XL series
	or equivalent).
	TR/BV 347 015 006 N-H (for DIN sockets)
	TR/BV 347 015 006 N-K (for input sockets
	for jack plugs)
	TR/BV 347 020 007 N-Ci (for Cinch sockets)

For other transformers (e.g. different turns ratio, DIN connectors) please inquire or see general catalog.

DIMENSIONS

in inches
(millimeters in brackets)

**ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**

The microphone shall be a unidirectional (dynamic) type microphone with a frequency range of 50 to 18,000 Hz. The generating element of this unit shall be a ribbon transducer. The microphone shall have a true hypercardioid polar characteristic with attenuation at 120° of 20 db. The microphone output shall be -60 dbm when 0 dbm \triangleq 1mW/Pa respectively 0.9 mV/Pa. EIA sensitivity rating at 1,000 Hz shall be -153 dbm. Electrical impedance shall be 200 ohms. The case shall be made of brass. Case finish shall be black chromium-plated for the shaft, the top mesh shall be chromium-plated. The microphone shall be equipped with an "on-off" switch.

The microphone shall be available with the following connector versions: Switchcraft M 3 M or equivalent (M 260 N (C) S), 3-pin Tuchel connector T 3262 or equivalent (M 260 N S) or 6-pin Tuchel connector T 3402 or equivalent (M 260 N (6) S).

The BEYER DYNAMIC M 260 is specified.

Subject to change without notice.