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

Unidirectional Dynamic Microphone

ENGINEERING DATA

- 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
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
- EIA Sensitivity Rating: -60 dbm
- -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)

**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 25H 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 transformers to connect low impedance lines to high impedance inputs, or vice versa:
- TR/TV 345 015 006G-K5 — cable transformer, length of cable 5 m, turns ratio 1:15, impedance 200/45 kohms.
- TR/TV 345 015 006C-C, plug-in transformer, 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/TV 345 015 006 H (for DIN sockets)
- TR/TV 345 015 006 K (for input sockets for jack plugs)

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

**FURNISHED ACCESSORIES**

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

**WIRING DIAGRAM**

- M 260 N
- M 260 N S
- M 260 N (6)
- M 260 N (6) S
- M 260 N (C)
- M 260 N (C) S

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

**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 ± 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 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 3202 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.

**DIMENSIONS**

In inches (millimeters in brackets)

Subject to change without notice.