Cardioid Moving Coil Microphone

DESCRIPTION
The M 300 offers precision engineering and quality at a popular price. Its efficient, durable moving coil design produces high output. The warm, full-bodied sound of the M 300 is tailored to capture all the distinctive nuances of a vocal or instrumental performance with a subtle high frequency rise, a bass proximity effect and a moderate midrange 'presence' boost. To prevent explosive breath noises in close miking, the M 300 has an integral pop filter. The field-replaceable transducer is housed in a sturdy, matte black anodized case with a one-piece stainless steel basket. The model M 300S includes a noise-free lockable On/Off switch.

FEATURES
• Field-replaceable moving coil transducer
• True cardioid polar characteristic
• Voice-tapered frequency response
• Integral pop filter

APPLICATIONS
The M 300 is designed to meet the most strenuous demands of rock, pop and country instrumentalists and vocalists. It also functions effectively in public address applications.
FREQUENCY RESPONSE CURVE (± 2.5dB)

POLAR PATTERN

WIRING DIAGRAM
Positive pressure produces positive voltage on red (M 300) / yellow (M 300S) cable lead (+)

FURNISHED ACCESSORIES
Carrying case: Black leatherette foam lined
Mic clip: MKV 8

OPTIONAL ACCESSORIES
Cable: MVK C-C/20 black 20 ft. two-conductor spiral shield synthetic rubber jacketed with black Neutrik 3 pin female XLR connector on mic end and black Neutrik 3 pin male XLR connector on equipment end. MVK C-C also available in 25 and 50 ft. lengths and with ¼" two-conductor plug at equipment end.
Mic clip: MKV 6 quick release
Popscreen: PS 260
Windscreen: WS 69, available in black, red, blue, yellow and green

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS
The microphone shall be a moving coil dynamic type with a frequency range of 50 - 15,000 Hz. The unit shall have a true cardioid polar characteristic. Attenuation at 180° shall exceed 20 dB. The microphone output shall be 58 dBC when 0 dBm = 1 mW/Pa respectively at 1,200 Hz. The microphone shall have an integral pop filter. Electrical impedance shall be 250 ohms. The case shall be made of aluminum with a matte black anodized finish and a chrome mesh top. The dimensions shall be 6.7 in. (169.5 mm) overall length, head diameter of 2.1 in. (51 mm) and shaft diameter of 0.914 in. (23/32 mm). The microphone shall be available with a Neutrik 3 pin male connector or equivalent. The Beyerdynamic model M 300 is specified. Model M 300S shall have a lockable noise-free On/Off magnetic reed switch.

Subject to change without notice.