

USER MANUAL

DM55
Classical Microphone



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General

Proel Dm55 classical microphone is a high grade moving coil dynamic microphone, which adopts big special movable diaphragm, the intermediate, low and high frequency voice bring an extra level feeling for you adopts the underslung design, which can reduce the noise efficiently for touching the tubing by your hands. applications such as karaoke, stage performance, drum and speech, etc.

- Classical style, professional and noble design
- Wide dynamic range and distinct sound reproduction
- Cardioid directivity characteristic ensures maximum gain before feedback and eliminates background noise
- Rugged and durable metal construction
- Effective, built-in wind and breath "pop" noise filter
- On/off switch for on-stage control
- Optional nickel-plated or spray-paint surface finishing

Features

- High grade moving coil dynamic microphone
- wide frequency response range, high sensitivity
- Max. SPL can extend to human ear limit 140dB and without voice distortion
- The 2-layer mesh minimizes low frequency noises such as breathing, wind noise
- Standard 5/8" screw thread at the bottom of the microphone for connecting with different kind of holder
- Full range of accessories for convenient use

Specifications

Model DM55
Element..... Moving Coil Dynamic
Polar Pattern..... Cardioid
Frequency Response..... 50Hz-16KHz
Sensitivity..... -49dB $\pm$ 3dB
Output Impedance..... 400 Ω $\pm$ 30% (at 1kHz)



Figure 1: Polar pattern

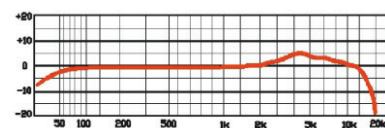


Figure 2: Frequency response