

YAESU
The radio



Find New Pleasure in
Creating Your Own Unique Voice

Ultimate
Reference
Microphone **M-1**



To the Most Discriminating Ham Radio Operators

Revolutionary dual microphone configuration features both dynamic and condenser microphone elements

The M-1 features two built-in microphone elements, one dynamic and one condenser. The unique output signals may be individually crafted and then blended to produce a single rich voice signal. The condenser microphone responds to a broad frequency range including the distinctive crisp highs, while the dynamic microphone adds depth and warmth; desirable qualities for a congenial conversation. The M-1 lets you fine-tune and balance the two microphone sources to create a sound that is just right for your voice.



Nine-band graphic equalizer for each microphone element

The nine-band graphic equalizer is applied to each microphone element independently, giving total flexibility to accentuate and enhance the frequency characteristics of both output signals. Distinguish the outputs of the dynamic and condenser microphones as you please. The nine individual frequency bands of each graphic equalizer can be adjusted with rotary encoders located on the base control panel below the display (a dedicated alignment tool is provided). The built-in memory can store two different groups of settings for each microphone. Stored settings (Memory 1 and 2) can be accessed instantly. A through (flat) preset is also provided. By blending the two microphone outputs together, you can create your own unique tonal quality. The M-1 adds a new level to the audio creative process.



TBC (Treble Boost Cowling) produces a unique tonal texture

The simple clip-on cowling enhances the high-frequency response. The cowling serves to concentrate voice input with a peak at around 1 - 1.5 kHz, producing a unique tonal texture.



Long stroke Smooth PTT key

The PTT key has been designed with optimal balance between key weight and stroke to provide the perfect level of responsiveness. The Air-Cylinder construction delivers smooth fingertip-sensitive operation over an extended stroke distance. Meanwhile, the contactless magnetic switch provides years of fault-free operation with minimal mechanical degradation.



Uncompromising attention to detail

- ⊕ Solid aluminum die cast mic stand base designed to prevent sympathetic vibration. The central recessed control panel has been configured to avoid any careless change of settings.
- ⊕ The high visibility ON AIR LED indicates when transmissions are in progress.
- ⊕ Switch the large display featuring anti-reflective AR coating from Graphic Equalizer to audio scope mode at the touch of a button.
- ⊕ Use the built-in record and playback feature to listen to your own voice and adjust as necessary.
- ⊕ Connect headphones to the M-1 to check the mic sound in real time, listen to test recordings or monitor the transceiver signal (via 3.5 mm mono jack cable between the M-1 and Transceiver's Audio Out).
- ⊕ Use the one-touch PTT keylock features to reduce fatigue during extended sessions.
- ⊕ Features a built-in one-click Low-Cut filter independent of the graphic equalizer.
- ⊕ Outputs include balanced XLR jack to be used with professional sound equipment.



Headphone output for real-time monitoring

Cannon-type (XLR) Output

ULTIMATE REFERENCE MICROPHONE **M-1**

- 〈Supplied Accessories〉 AC adapter / Microphone cable / Treble Boost Cowling
 〈Specifications〉
 •Microphone elements: dynamic and condenser microphones
 •Supply Voltage : DC5.0 V ±5% •Current Consumption : 160 mA ±30 mA(TYP)
 •Frequency Response : 30 - 17000Hz •Sensitivity : -60 dB(1kHz 0 dB = 1V/1Pa)
 •Microphone Impedance : 600 Ohms •Headphone Output Impedance : 16 Ohms(TYP)
 •Headphone Output Level : 15 mW(TYP) •RX AUDIO IN(Input Level) : 100 mVrms(TYP)
 •Dimensions(WxHxD) : 5.5" x 11.0" x 6.0"(140 x 280 x 152 mm) * H: (Maximum with microphone flat)
 •Weight(approx) : 2.11 lbs(960g) w/o Cable

About this brochure: We have made this brochure as comprehensive and factual as possible. We reserve the right, however, to make changes at any time in equipment, optional accessories, specifications, model numbers, and availability. Precise frequency range may be different in some countries. Some accessories shown herein may not be available in some countries. Some information may have been updated since the time of printing; please check with your Authorized Yaesu Dealer for complete details.

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