

YAESU MD-100_{A8X}

Desktop Dynamic Microphone

The **MD-100_{A8X}** features selectable low-cut filtering and high-emphasis active filtering that allow you to tailor the microphone response for optimum voice clarity or DX punch. The **MD-100_{A8X}** is designed for base station operation with the latest YAESU HF transceivers.

A multi-axis pivoting mount lets you adjust the horizontal and vertical position of the microphone to accommodate various locations and heights, or you can remove the microphone from the base and use it independently (an auxiliary toggling PTT button is provided, but the audio filtering and scan controls are not used).

The base of the **MD-100_{A8X}** includes a large push-to-talk switch and latching button, along with a large rotary up/down slow/fast control for scanning. Jacks and cabling are provided to accommodate transceivers having either RJ-45 or round 8-pin **MIC** jacks.

WARNING!

Do not use with the FT-2400H/-7400H series, FT-2500, FT-8500 or others than those listed, as damage may result from modular jack wiring incompatibility.

Compatibility

The **MD-100_{A8X}** will work with past HF models that include the round 8-pin jack (note- on some models, the scan function may not operate).

When using the **MD-100_{A8X}** with the above transceivers, set the MAIN FILTER switch to the THRU position. The LOW CUT and HIGH EMPHASIS filter switches are disabled since no power is provided at the microphone jacks on these units.

Specifications

Transducer type: Dynamic

Frequency response: 100 - 5000 Hz (-6dB)

Audio characteristic controls:

LOW CUT Switch

- OFF position: standard frequency response
- Position 1: -3 dB rolloff from 1000 to 150 Hz
- Position 2: -3 dB rolloff from 1000 to 300 Hz

HIGH EMPHASIS Switch

ON: +6 dB at 3000 Hz

Sensitivity: -75 ± 3 dB at 1 kHz and 500-ohm (0 dB=1 V/0.1 Pa)

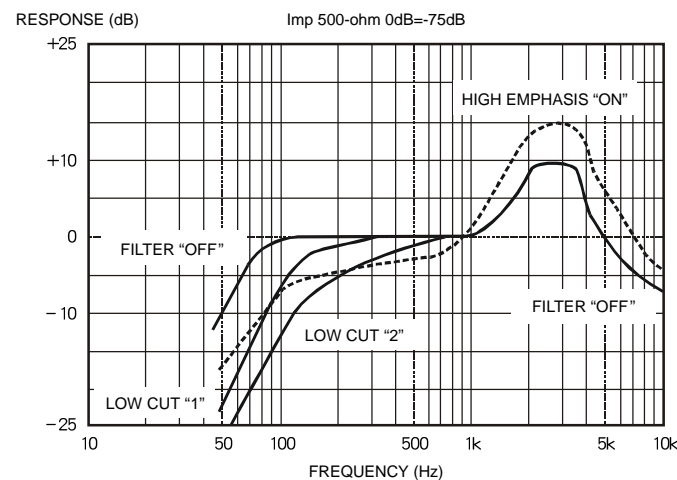
Controls: PTT switch, PTT Lock switch, Scanning control (only for specific transceivers)

Impedance: 500-ohm

Dimensions:

- Base (WHD): 112 x 156 x 151 mm (w/o mic)
- Microphone: 42.5 dia. x 189 mm

Weight: approximately: 670g (w/o cable)

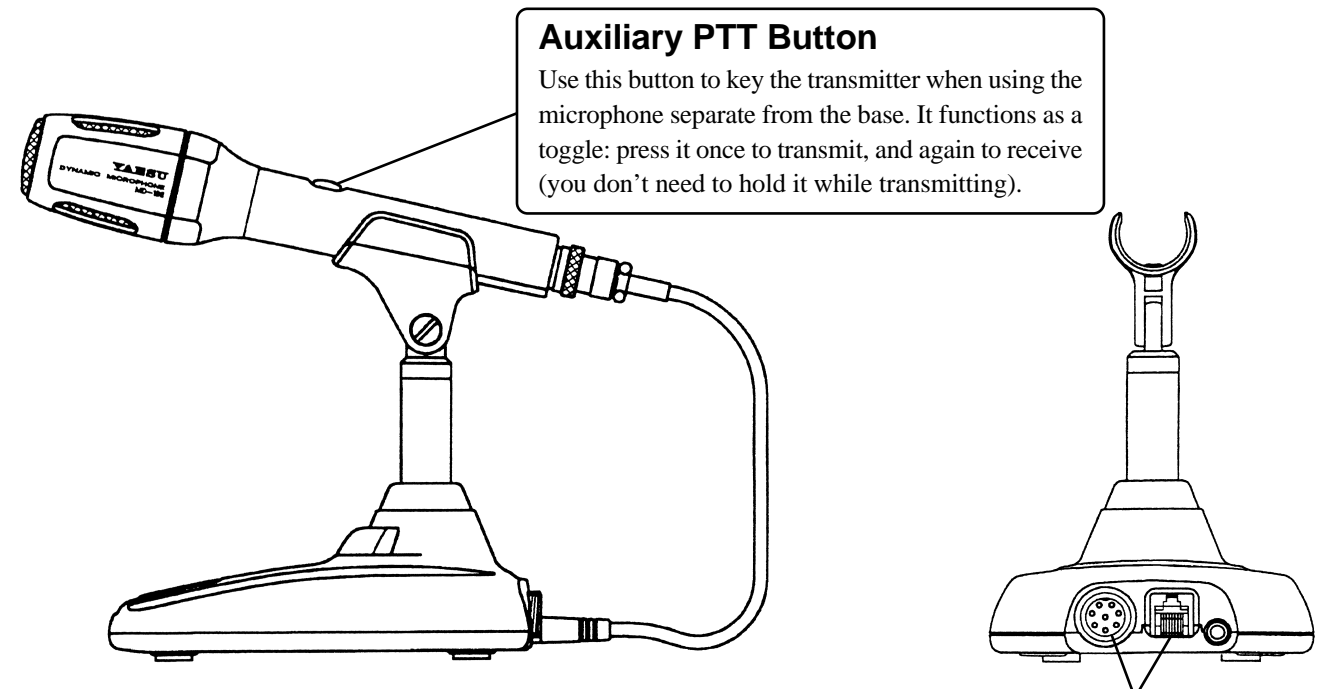


YAESU MUSEN CO., LTD.
 Tennozu Parkside Building
 2-5-8 Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002 Japan

YAESU USA
 6125 Phyllis Drive, Cypress, CA 90630, U.S.A.

YAESU UK
 Unit 12, Sun Valley Business Park, Winnall Close
 Winchester, Hampshire, SO23 0LB, U.K.

YAESU HK
 Unit 2002, 20/F, 9 Chong Yip Street,
 Kwun Tong, Kowloon, Hong Kong



Main PTT Switch
 Press and hold this switch to talk, and release to receive.

PTT Lock Switch
 Press to lock the PTT on (for long transmissions). Press it again to release the PTT to receive.

HIGH EMPHASIS Switch
 Turn this switch on to amplify the higher audio frequency components of your voice, while also cutting the lows. When this switch is on, the LOW CUT switch selection is ignored. This switch is ignored when the MAIN switch (below) is set to THRU.

MAIN Filter Switch
 Set this switch to the THRU position to bypass the internal audio filters. Set it to the FILT position to activate the filters (according to the LOW CUT or HIGH EMPHASIS switch settings).

