通信用デスクトップ型ダイナミックマイクロホン MD-100_{A8X} 取扱説明書

特徵

上下左右自由に動く、首振り機能を持つスタンドの採 用により、マイクロホンの角度調節・方向調節を簡単に 行うことができます. また. トランシーバーのマイク端 子がモジュラージャックの場合に限り、マイクロホン 本体をスタンドから分離させた単独使用も行えます.

マイクロホン本体のみでは、音質は広帯域に なります、また、スキャン操作を行うことは できません.

アクティブフィルターを内蔵しており、低域を抑える 二段階切換の「ローカットフィルター」と、高域を強調 する「ハイ・エンファシスフィルター」にて、目的に 応じた音質にトーンコントロールすることができます. 操作性を重視した大型のPTTスイッチと送信状態を保 持するロックスイッチ、さらに通常より周波数変化量 が大きくなる"FAST機能"を兼ね備えた回転式スキャ 二ングスイッチをスタンド側に組み込みました.

また、マイクロホン本体のみでも運用できるよう、トグ ル式の送受信切り換えスイッチがマイクロホン本体に 組み込んであります.

定格

式:ダイナミックマイクロホン

周 波 数 特 性:100 to 5,000Hz(-6dB)

トーンコントロール特性:LOW CUT スイッチ "OFF" ➡ ノーマル

LOW CUT スイッチ "1" → 1kHz に対して 150Hz にて約 – 3dB

LOW CUT スイッチ "2" → 1kHz に対して 300Hz にて約 – 3dB

HGH EMPHASIS"ON" → 3kHzにて約+6dB

度: -75dB \pm 3dB at 1kHz(500 Ω)

ただし(0dB=1V/0.1Pa)

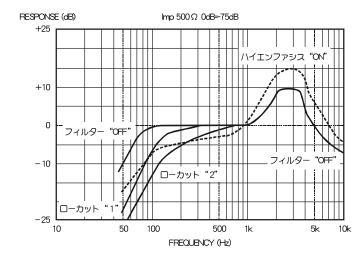
能:PTT動作(ロック機能付)

スキャニング機能(スキャニング機能付トランシーバーのみ)

法: スタンド 幅 112×奥行 151×高さ(ホルダ水平時) 156(mm)

マイクロホン: $42.5 \, \Phi \times 189 \, (mm)$

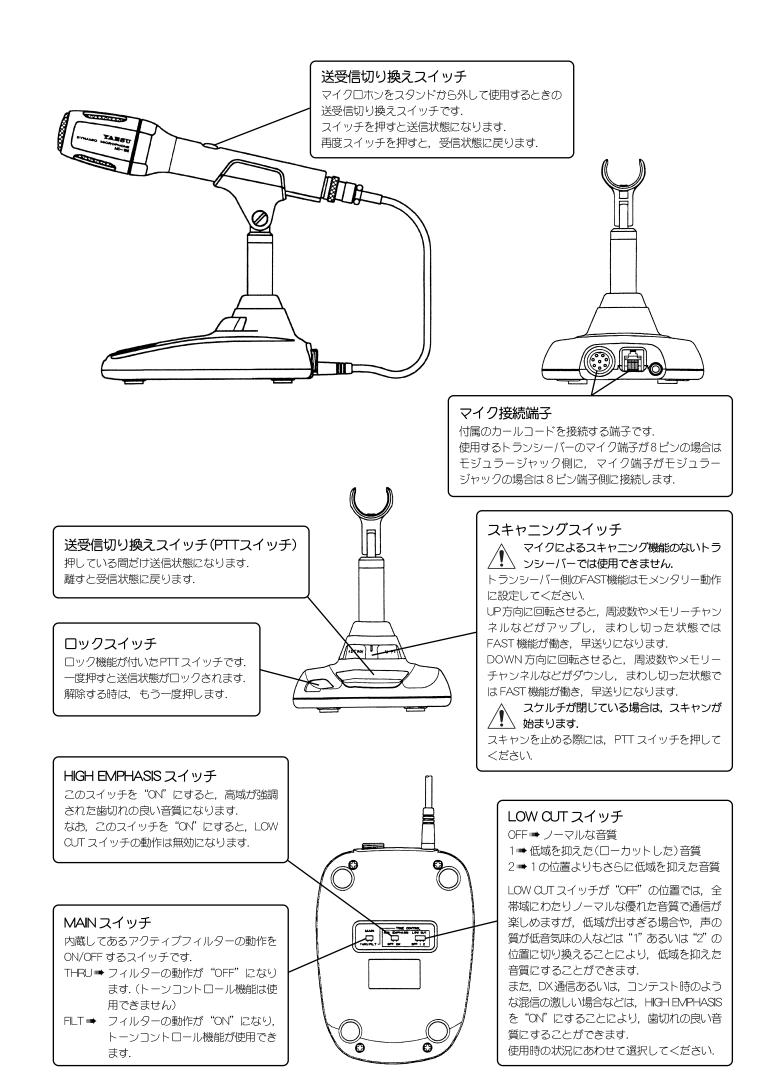
量:約670g(カールコードを除く)



※ 適応機種などの詳細は、カタログをご覧ください.

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YAESU MD-100A8X

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_{ABX} 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.

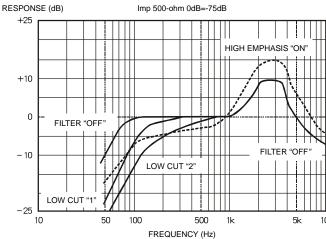
WARNING!

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 con-

trol (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)

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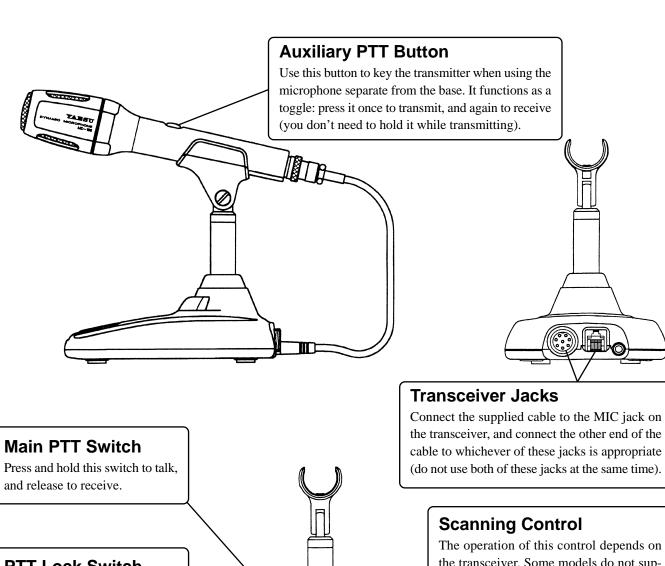
6125 Phyllis Drive, Cypress, CA 90630, U.S.A.

YAESU UK

Unit 12, Sun Valley Business Park, Winnall Close

Winchester, Hampshire, SO23 0LB, U.K.

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



Main PTT Switch

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

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.

Turn this switch on to amplify the

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).

the transceiver. Some models do not support the FAST function.

The FAST button on the transceiver should be set for momentary operation.

Rotate the control to the right to tune upwards, or left to tune downwards.

Turning it slightly activates slow tuning, and turning it further activates fast tuning. Center the control to stop.

If the squelch is closed, scanning will continue unit a signal is found or until you press the PTT.

LOW CUT Switch

The OFF position provides flat-audio-characteristic transmit audio.

Position 1 attenuates low audio tones, for improved clarity in moderate band conditions, or if you have a naturally deep voice. Position 2 attenuates low audio tones more than position 1, for improved clarity in noisy band conditions.

To work contest pileups, the HIGH EM-PHASIS filter provides even crisper audio. Note: This switch is ignored when the HIGH EMPHASIS switch is ON, and when the MAIN switch is set to THRU.



