

# M-90MS kit MICROPHONE STAND KIT

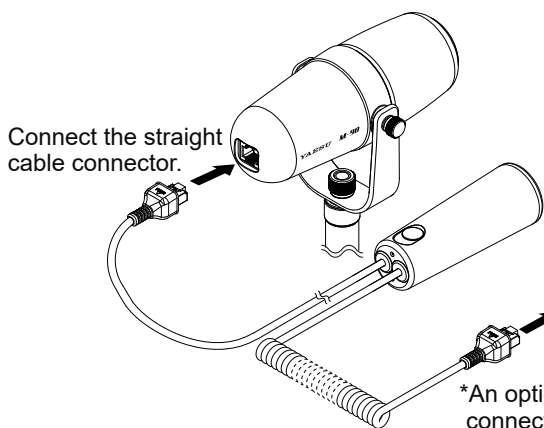
## Angle adjustment Screws

Attach the microphone body at the left and right pivots with the supplied washers, lock washers, and screws.

The angle of the microphone may be adjusted by loosening the screws (turn them counterclockwise) on the left and right side of the microphone yoke. Place the microphone in the desired position and then tighten the screws (turn them clockwise) to secure the microphone.

## W3/8 Nut

Use the supplied nut (W3/8 Nut) to attach the yoke to a commercially available desk arm type, or floor type microphone stand\*.



Connect the straight cable connector.

This kit requires a Commercially available microphone stand\*.

\*Microphone stand is not included.

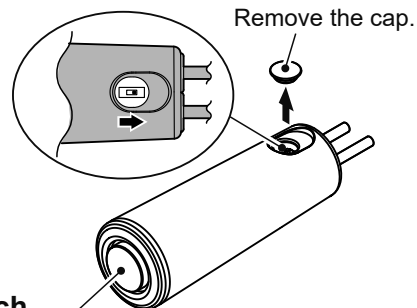
Connect to the transceiver with the 8-pin modular microphone connector.

\*An optional SCU-53 cable is required when connecting the M-90MS to an HF transceiver furnished with a round 8-pin microphone connector.

## Low-Cut switch

Turns the low-cut filter (cut-off frequency 340Hz, -6dB/octave) ON or OFF.

Move the switch in the direction of the arrow to activate the low-cut filter.

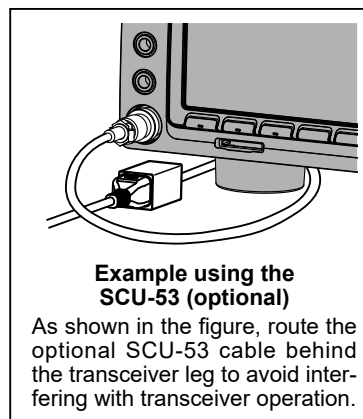


Remove the cap.

## PTT switch

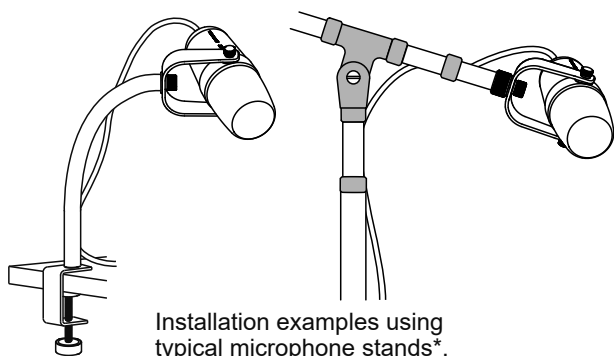
When this switch is pressed, the transmit mode is set and held.

When the switch is pressed again the transceiver returns to receive mode.



## Example using the SCU-53 (optional)

As shown in the figure, route the optional SCU-53 cable behind the transceiver leg to avoid interfering with transceiver operation.



Installation examples using typical microphone stands\*.

This kit requires a commercially available microphone stand\*.

\*Microphone stand is not included.

## Using the M-90MS with Yaesu Transceivers

The M-90D operates with the below Transceivers.

FT-817/ND	FT-818ND	FT-857/D	FT-891	FT-897/D
FT-450/D	FT-900	FT-991/A	FT-847	FT-920
FT-950	FT-1000MP	FT-1000MP MARK-V	FT-2000/D	
FTDX1200	FTDX3000D	FTDX5000	FTDX9000	
FTDX101D	FTDX101MP	FTDX10	FT-710	
FT-747*	FT-840*	FT-850*	FT-990*	FT-1000*

\* Requires Optional "Microphone Power Supply Kit".

as of Feb, 2023

## Specifications

Supply Voltage:	DC 5.0 V $\pm$ 10 %
Current Consumption:	15 mA (TYP)
Microphone Type:	Dynamic
Frequency Response:	30 - 17000 Hz
Sensitivity:	-60 dB (1 kHz 0 dB=1V/Pa)
Microphone Impedance:	600 Ohms
Dimensions:	Diameter: 2.45" (62mm), Length: 6.38" (162mm) *Microphone head size only
Weight (approx):	7.05 oz (200 g) w/ Bracket, w/o Handheld PTT Controller

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Safety Precautions (Be Sure to Read)

Be sure to read the safety precautions printed in the Operating Manual of the compatible transceiver to use this product safely.

## Disposal of Electrical and Electronic Equipment

Products with the symbol (crossed-out wheeled bin) cannot be disposed of as household waste. Electronic and Electrical Equipment should be recycled at a facility capable of handling these items and their waste by products. Please contact a local equipment supplier representative or service center for information about the waste collection system in your country.



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YAESU

# M-90MS kit マイクロフォンスタンドキット

## 角度調節ネジ

付属のワッシャー、スプリングワッシャー、ネジで左右からマイク本体を固定します。反時計(左)方向にまわして緩めると、マイクの角度をお好みの角度に調節することができます。調節が終わりましたら、時計(右)方向にまわして固定してください。

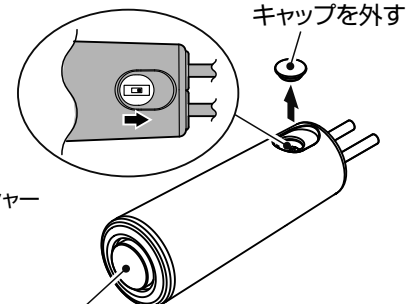
## マイクスタンド取り付けナット

付属のナット(ネジ径W3/8)で、市販のデスクアーム式マイクスタンドや床上型マイクスタンドに取り付けます。

市販のマイクスタンド(ネジ径W3/8)  
※マイクスタンドは付属していません。  
汎用品を別途お求めください。

## LOW CUTスイッチ

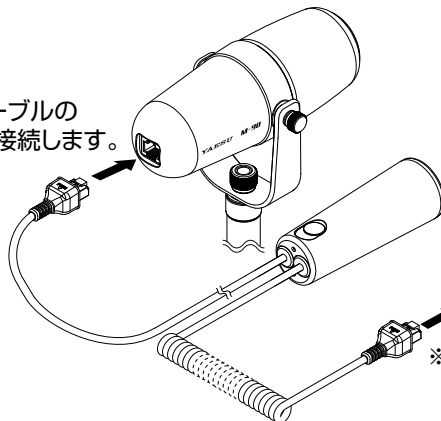
低域周波数カット用のローカットフィルター(カットオフ周波数340Hz、-6dB/oct)をON/OFFします。このスイッチを矢印の方向に切り替えるとローカットフィルターが動作します。



## PTTスイッチ

押すと送信状態になります。もう一度押すと受信状態に戻ります。

ストレートケーブルの  
コネクターを接続します。

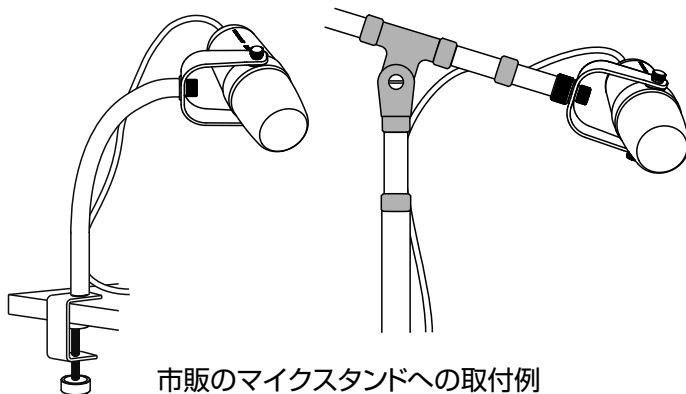
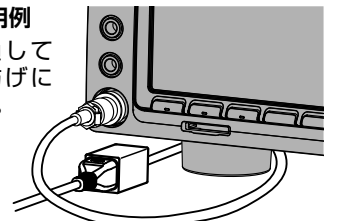


トランシーバーのマイク端子  
(8ピンモジュラー)に接続します。

※丸型8ピンマイク端子のトランシーバーへの接続には  
オプションの変換ケーブル"SCU-53"が必要です。

## SCU-53 (オプション) の使用例

図のように、脚の後ろを通して  
トランシーバーの操作の妨げに  
ならないようにしてください。



市販のマイクスタンドへの取付例

※マイクスタンドは付属していません。  
汎用品を別途お求めください。

## 定格

電源電圧: DC5.0V ± 10%  
消費電流: 約 15mA  
マイクロフォン型式: ダイナミック型  
周波数特性: 30 ~ 17000Hz  
感度: - 60dB (1kHz 0dB=1V/Pa)  
マイクインピーダンス: 600 Ω  
外形寸法(突起物を除く): φ 62 (最大径) × 162 (長さ) (mm)  
重量: 約 200g  
(取付ブラケットを含む、ハンドコントローラを除く)

## 使用できる無線機について

M-90MS は下記の無線機で使用することができます。

FT-817/ND	FT-818ND	FT-857/D	FT-891	FT-897/D
FT-450/D	FT-900	FT-991/A	FT-847	FT-920
FT-950	FT-1000MP	FT-1000MP	MARK-V	FT-2000/D
FTDX1200	FTDX3000D	FTDX5000	FTDX9000	
FTDX101D	FTDX101MP	FTDX10	FT-710	
FT-747 *	FT-840 *	FT-850 *	FT-1000 *	FT-1011 *
FT-1021 *				

※別売の“オプション電源キット”が必要です。

2023年2月現在

名称	有害有害物質及元素					
	鉛 (Pb)	汞 (Hg)	銅 (Cd)	六価クロム (Cr (VI))	多環芳香族 (PBB)	多環二系酸 (PBDE)
MIC-UNIT	×	○	○	○	○	○
JACK-UNIT	×	○	○	○	○	○
SW-UNIT	×	○	○	○	○	○
CT-CABLE	○	○	○	○	○	○
付属品						

本表は依据SJ/T11364の規定編制  
○: 表示該有害有害物質在該部件所有均質材料中的含量均在GB/T 26572標準規定的限量以下。  
×: 表示該有害有害物質至少在該部件的某一均質材料中的含量超出GB/T 26572標準規定的限量要求。  
※本產品含鉛量超過限制量要求的理由是因為下列的科學、技術原因無法廢除及替代  
■高熔點焊錫所含的鉛(鉛含量超過85%的錫鉛合金焊錫)  
■陶瓷電子部品含有鉛  
■阴极射线管、電子部品及發光管含有玻璃成分中的鉛  
■倒裝芯片内部的半導體台和載漏子的焊錫中含有的鉛  
■銅合金所含有的4wt%以下的鉛



八重洲無線株式会社