Thank you purchasing of the MEK-2 Microphone Extension Kit. The MEK-2 is a junction box for use with the YAESU Transceiver’s, which allows connecting a variety microphones having round 8-pin plugs.

**Supplied items**

- MEK-2 Junction Box
- Microphone extension cable (approx. 3 m)
- Installation screws: 2 each tapping (H3 x 30B) and machine screws (M3 x 30B)
- Double-sided adhesive tape (65 x 28 mm)
- These instructions

**Precautions**

- Please read all instructions before beginning installation.
- Note that not all microphones with 8-pin plugs can be used with this kit, including some Yaesu mobile microphones as well as some other mobile microphones. Digital noise imposed on TX audio may occur if microphones from other manufacturers are used with the MEK-2.
  Check with your YAESU dealer or catalog for applicable microphones.
- Before installing the MEK-2, turn off the transceiver and disconnect the power cable.
- When selecting a mounting location for the MEK-2, keep in mind that the microphone extension cable is just 3 meters long, so the MEK-2 must be within 3 meters of the transceiver.
  The mounting location should permit easy operation without interfering with safe driving.
  Mount the MEK-2 in a well-ventilated place, but not where it will be in direct sunlight, or in front of a heater vent.
  Use only the specified screw sizes for mounting, and mount the MEK-2 according to the instructions. Use of screws other than those specified, or otherwise improper installation, may cause damage.

Please note that if you wish your YAESU dealer to install or modify internal settings, you will be assessed a labor charge.

**Installation Without the Separation Kit (such as YSK-8500)**

MEK-2 connections are shown in Figure 1 and 2.

- If you have not yet mounted the transceiver, refer to the Transceiver’s Manual for mounting information, and determine the location where you will mount the transceiver. See also the precautions above regarding MEK-2 mounting location.
- Referring to Figures 1 and 2, mount the MEK-2 in the previously determined location using either the supplied screws or the double-sided tape. Then connect the smart controller cable to the MIC/CONTROLLER jack, and the microphone extension cable to the TRANSCEIVER jack.

![Diagram](image)

**Figure 1**

![Diagram](image)

**Figure 2**

**Note:** The jacks on the MEK-2 are polarized. Make sure to insert the plugs correctly as shown below.

![Diagram](image)

- Plug your 8-pin microphone cable into the jack on the front of the MEK-2.
- Route the cables to the MEK-2 neatly so they won’t interfere with driving. Installation is complete.
Installation With the Separation Kit

- Follow the procedure in the Separation Kit manual to mount it, substituting the MEK-2 for the MEK-1. Use either the microphone extension cable supplied with this kit, or the CT-24L cable supplied with the Separation Kit.

Note: The jacks on the MEK-2 are polarized. Make sure to insert the plugs correctly as shown below.

- Plug your 8-pin microphone cable into the jack on the front of the MEK-2.
- Route the cables to the MEK-2 neatly so they won't interfere with driving. That completes installation.

8-Pin Microphone Jack Pinout

1. UP: Connecting this pin to GND (pin 4) increments the memory or frequency by 1 step.
2. 9V: +9 power supplied from the transceiver for the microphone.
3. DWN: Connecting this pin to GND (pin 4) decrements the memory or frequency by 1 step.
4. GND: Ground
5. ACC: Accessory
6. PTT: Connecting this pin to GND (pin 4) keys the transceiver.
7. GND: Ground
8. MIC: Transmit audio input for the transceiver.

Notes:
Some functions may not operate depending on what type of microphone is used.
The bias voltage required for condenser microphones is provided by the transceiver to pin 8 of the round 8-pin microphone jack.

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

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

Declaration of Conformity
N. YUKIDOC-1106-15

We, Yaesu UK Ltd. certify and declare under our sole responsibility that the following equipment complies with the essential requirements of the Directive 2011/65/EU:

- Mic Extension Unit
- YAESSU
- MEK-2
- YAESSU MUSEN Co., LTD
- Tennou Parkside Building 2-5-8 Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002, JAPAN

Applicable Standards:
This equipment is tested to and conforms to the essential requirements of directive, as included in the following standards:

- RoHS2
- 2011/65/EU Art 7 (b)
- EN 55081:2012

The technical documentation as required by the Conformity Assessment procedure is kept at the following address:

Company: Yaesu UK Ltd.
Address: Unit 12, Sun Valley Business Park, Winnall Close, Winchester, Hampshire, UK, SO23 0LB

Technical Construction File: Issued by Yaesu MUSEN Co., Ltd., Tokyo, Japan
File No. YETA00205

Drawn up by:
Winchester, Hampshire UK
2nd November 2015

Name and position: PCJ Bigwood, Technical Sales Manager

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