

\* HIGH-QUALITY CONDENSED MICROPHONE. BUILT-IN capable of sending our constant voice level regardless of voice, whispering, loud, etc.

\*PROVIDED WITH HIGH-SENSITIVITY CONDENSED MICROPHONE

The CONDENSED Microphone Element ensures the better voice quality.

\*PROVIDED WITH FM/SSB AUDIO QUALITY SELECTOR SWITCH

\*PROVIDED WITH ELECTRONIC SWITCHES

**SPECIFICATIONS:**

- Microphone : Ceramic Microphone
- IC : 1 piece
- Transistor : 11 piece
- Diode : 6 pieces
- Output Voltage : 0 – 30mV (RMS)
- Output Impedance: 500 –100k ohms
- Compressor Level: 45dB (HIGH) 10dB (LOW)
- Power Source : DC3V
- Power Consumption: 2mA (RX) 3mA (TX)
- Dimensions (mm): 100(W)\*155(D)\*35(H)
- Weight : 450g

**CONTROLS:**

(1) POWER SWITCH: Push it for power “ON” then The “ON AIR” indicator (2) starts to flash. Push it again for the power OFF”.

(2) ON AIR INDICATOR : Set the power switch to “ON” then LED

(LED TX INDICATOR) (2) flashes to indicate the receiving Condition. The LED (2) lights up continuously when transmitting.

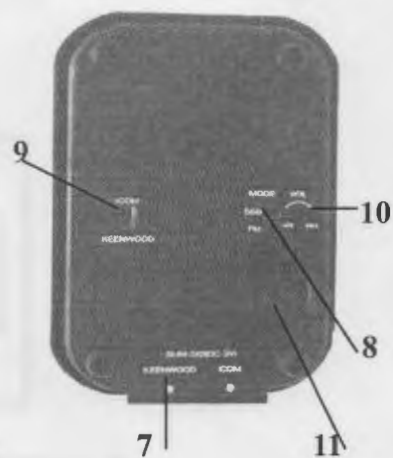
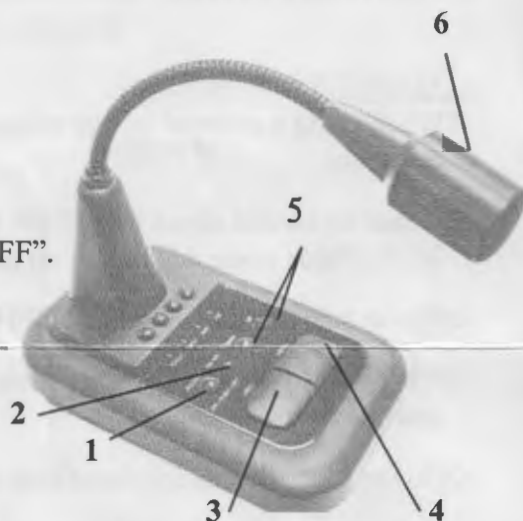
(3) PIT SWITCH : Use it for short time QSO. Push it for TX and release for RX. Also use it for releasing of “LOCK” switch.

(4) LOCK SWITCH :Use it for long time QSO. When pushing, the LED “ON AIR” indicator lights up continuously. For receiving, push the PTT Switch (3).

(5) UP/DOWN SWITCHES: Use these switches for frequency UP and DOWN. For details, please refer to the manual of transceiver.

(6) CONDENSED MIC.: The high-sensitivity ceramic microphone is applied for clear and better voice quality.

(7) MIC OUTPUT CONNECTOR :Please use the suitable interconnecting cable separately available. The Pin Connection of Microphone Output Connector



**CABLE FOR AMATEUR RADIO TRANSCEIVERS**

- KENWOOD : AV-24K,AV-73K/I
- ICOM : AV-24I,AV-73K/I
- YEASU :AV-24Y,AV-73Y

mode operation, it produces clear voice quality with wide frequency characteristics and when in SSB mode operation, it produces sharp and clisp voice quality for effective "DX".

#### (9)SELECTOR SWITCH FOR DIFFERENT BRAND

○ KENWOOD/YAESU : FOR KEENWOOD OR YAESU.

○ICOM : For ICOM ONLY

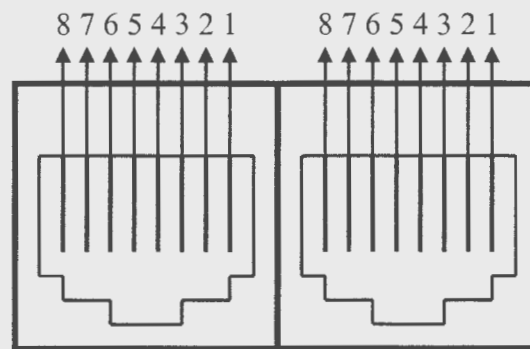
(10)OUTPUT ADJUSTEMNT VOLUME: This is the adjustment volume for output voltage. It is factory-adjusted to have 10mV RMS Output voltage. When you need adjustment, turn the slot of variable resistor with a 3mm wide screw driver slowly and carefully. Turn to clock-wise for higher output. Please be sure to make this adjustment at the Compressor Level Switch (9), "HIGH" position.

(11)BATTERY COVER : Remove the COVER and put the 2 pieces of UM3 batteries into the space correctly. (The batteries are not provided with this microphone.)

#### CAUTIONS:

- When using a external power adaptor, please be sure to use our PS-3 external power adaptor optionally available.
- Please be careful about high SWR of antenna and incomplete earthing, since it may cause the trouble of RF feedback noise depending on coaxial cable layout.
- Please turn the power switch "OFF" after QSO.
- It is better to remove batteries from microphone when you do not use the microphone over than 3 months.
- Do not place this microphone near high temperature area or under direct sunlight.

#### MICROPHONE CONNECTION INFORMATION



- ① NO CÖNNECT
- ② PTT GROUND
- ③MICROPHONE INPUT
- ④MICROPHONE GROUND
- ⑤PTT
- ⑥NO CONNECT
- ⑦FRESQUENCE UP/DOWN
- ⑧+8V DC INPUT

- ①UP
- ② +8V DC
- ③PTT GND
- ④PTT
- ⑤MIC GND
- ⑥ MIC
- ⑦ X
- ⑧DOWN