

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

### 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.

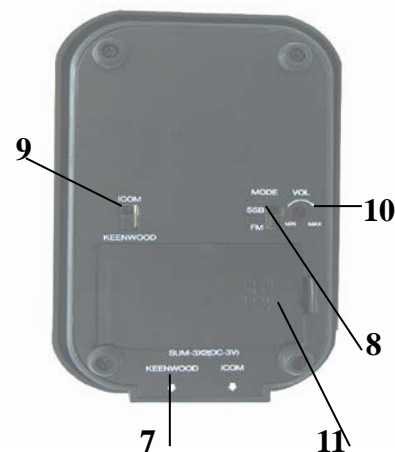
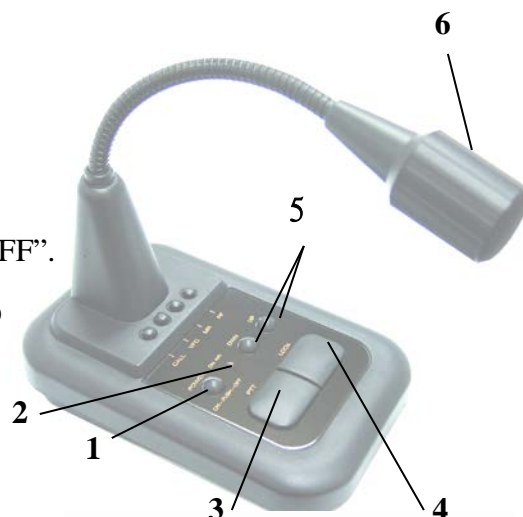
(3) **PIT SWITCH :** Use it for short time QSO. Push it for TX and release for RX. Also use it for releasing of “LOCK” switch.

(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

(8)FM/SSB AUDIO QUALITY :The selector switch for microphone output audio quality. When FM mode operation, it produces clear voice quality with wide frequency characteristics and when in SSB mode operation, it produces sharp and crisp 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.

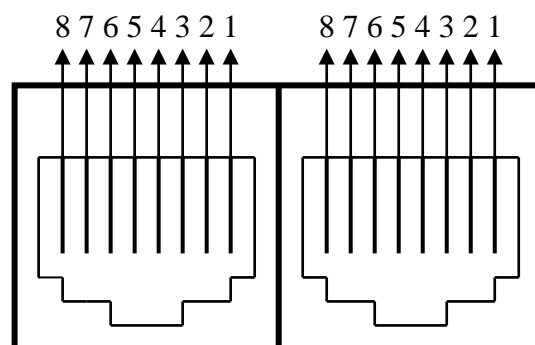
○Please be careful about high SWR of antenna and incomplete earthing, since it may cause the trouble of RF feedback noise depending on coaxial cable layout.

○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 CONNECT  
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