DESKTOP MICROPHONE NS-508

Instruction Manual

*** HIGH-QUALITY CONDENCED MICROPHONE.** BUILT-IN

capable of sending our constant voice level regardless of voice, whispering, loud, etc.

***PROVIDED WITH HIGH-SENSITIVITY CONDENSED MICROPHONE**

The Condenser Microphone Element ensure 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 :UM3 *2
- 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) start 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) **PTT 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 Switchs**: Use these switches for frequency UP and DOWN. For details, please refer to the manual of transceiver.
"CALL" / "VFO" / "MR" / PF" - Function switchs are subject to be used for "Kenwood" only.

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

(7) MIC. Output Connector : Please use an interconnector cable that is compatible with your transceiver.
output connector are available separately for “Kenwood/Yaesu” and “Icom” transceivers.

Cable for Amateur Radio Transceivers

- ○ **KENWOOD** : NS-73K, NS-24K
- ○ **ICOM** : NS-73K, NS-24I
- ○ **YAESU** : NS-73Y, NS-24Y

“**24 type**”- 8 pin Round connector. **73 type** – Western connector (RJ connector)

(8) **FM/SSB Selector Switch** :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 “DXing”.

(9) Selector For Output

- ○ KENWOOD/YAESU : For **KENWOOD** or **YAESU**.
- ○ICOM : For **ICOM** ONLY

(10) **Output Adjustment 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:

○ Please be sure to use Interconnection microphone cable optionally available.

○When using a external power adaptor, please be sure to use our external power adaptor optionally available.

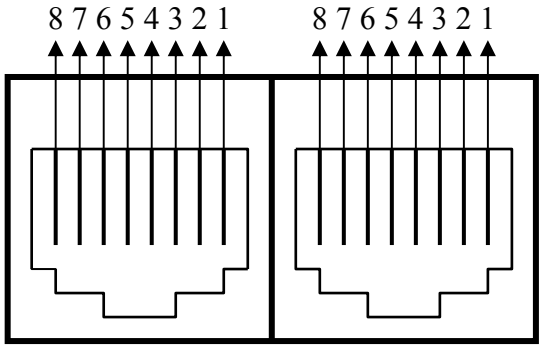
○Please be careful about high SWR of antenna and incomplete earthing, since it may cause the trouble of RF feedback noise depending on coaxial cable layout.

○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