

AM-503 can be used with every kind of transmitter of HF, VHF or UHF bands. It is MUST for distortion-free voice and constant optimum modulation.

Specifications:

- * Condensor Microphone: Equipped with IC (wide band width)
- * Transistor...4 (5 for ICOM Rig.)
- Diode ...2
- * Output Voltage :0-30mV (RMS)
(900mV for ICOM type)
- * Output Impedance :600 - 100K Ohms
- * Compression Level:45dB(HIGH) 30dB(MED)
10dB(LOW)
- * Power Source :UM3x2
- * Power Consumption:2mA
- * Dimensions (mm) :85(W) x 115(D) x 40(H)
- * Net Weight :400g



Features:

- o High Performance Compressor Amplifier Built In.
Capable of sending out constant voice level regardless of voices, whispering, loud, etc.
Provides optimum modulation when used in FM mode or maximum output in SSB mode. The compression level is available in 'HIGH', 'MEDIUM' and or 'LOW' steps to meet various operating needs.
- o Voice Quality Selector Switch for FM/SSB
- o Provided with Tactile Feel Up/Down Switch.
- o Highly Sensitive Condensor Microphone & Flexible Tube Employe

Controls:

(1) POWER SWITCH & FM/SSB TONE SELECTOR

Factory-adjusted to produce optimum voice quality for FM operation when power turned 'ON'. For operation, in SSB mode, set the slide switch to the side of 'SSB' to produce sharp and crisp voice quality for effective DX'ing.

(2) COMPRESSOR LEVEL SWITCH

- * HIGH(45dB): Use this when speaking in a small voice or away from the microphone. (Such back noises of TV speech, fan motor, clock etc. may come in together if there are.)
- * MEDIUM(30dB):Optimum for ordinary QSO. Carry ordinary voice even when speaking into about 10cm away from the microphone.

YELLOW MIC
 SHIELD GROUND
 RED PTT
 PURPLE GROUND
 GREEN UP
 WHITE DOWN
 ORANGE COMM UP/DWN

AM-503G

1) PTT SWITCH

This is provided for short QSO. Pressing it enables you to transmit and releasing it enable you to receive.

2) LOCK SWITCH for long QSO.

Push-to-lock and push-to-release switch. Push it to mechanical lock for transmission and for reception, push it again.

3) POWER INDICATOR

The LED lights up when power turned 'ON'.

4) DOWN SWITCH

Shifts frequency down when pressing it.

5) UP SWITCH

Shifts frequency up when pressing it.

6) CONDENSOR MICROPHONE

7) BATTERY LID

Remove two screws to put 2 each of UM3 battery in.

8) Output Control

Variable resistor is provided for possible output adjustment need. Factory-adjusted to have 10mV RMS output voltage(300mV for ICOM units). When adjustment required, turn the slot of resistor with a 3mm wide screw driver.

9) Output Cord

Solder the cord to a connector suitable for your rig. See the connector diagrams for correct wiring of your rig.

Miscellanea: Though the microphone consumes little power during RX(2mA only) make it your habit to switch off after QSO.

