



## MAAS KSM-5000 desktop microphone

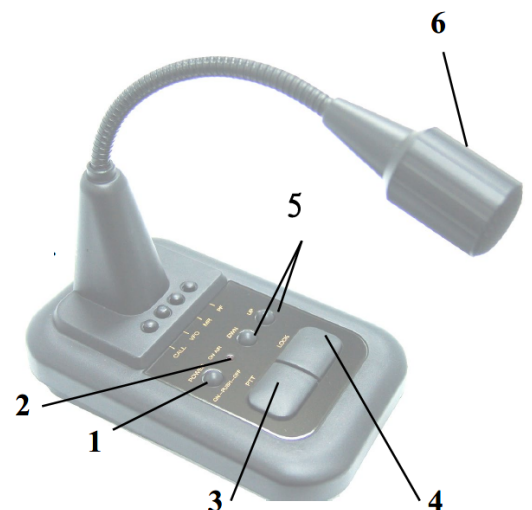
- HIGH-QUALITY ELECTRET MICROPHONE. BUILT-IN capable of sending a constant voice level regardless of voice, whispering, loud, etc.
- PROVIDED WITH HIGH-SENSITIVITY ELECTRET CONDENSER MICROPHONE ( ECM )
- The ELECTRET Microphone Element ensures the better voice quality.
- PROVIDED WITH TRANSCEIVER SELECTOR SWITCH - MAAS KCB-3000 OR MAAS KCB-2000
- PROVIDED WITH ELECTRONIC SWITCHES

### SPECIFICATIONS:

- |                     |                       |  |
|---------------------|-----------------------|--|
| ○ Microphone        | : Electret 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                  |  |
| ○ Power Source      | : DC 4-15 V DC        |  |

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

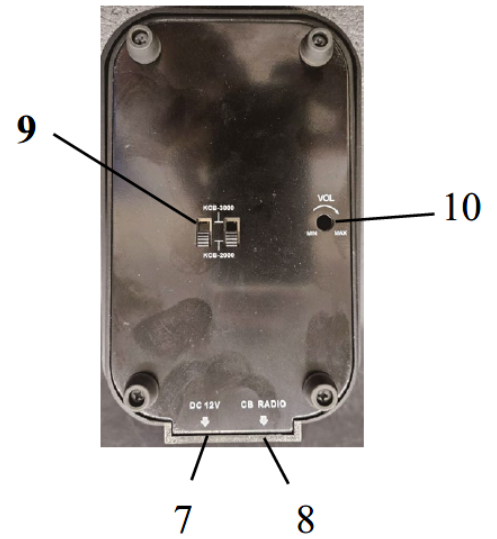


(6) ELECTRET MIC.: The high-sensitivity electret microphone is applied for clear and better voice quality.

(7) DC INPUT 4 - 15 V DC

(8) MIC OUTPUT CONNECTOR :Please use the suitable interconnecting cable separately available.

(9) SELECTOR SWITCH FOR DIFFERENT TRANSCEIVER

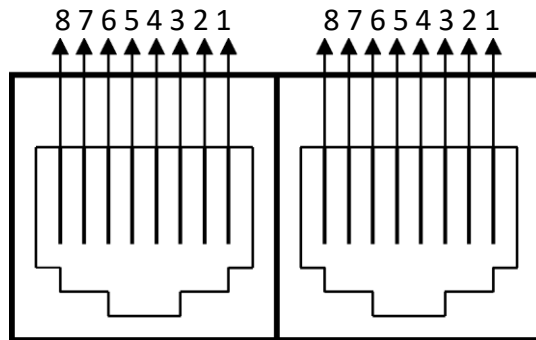


(10) OUTPUT ADJUSTMENT VOLUME: This is the adjustment volume for output voltage. It is factory-adjusted to have 10mV RMS Output voltage. When you need adjustment, turn the slot of variable resistor with a 3mm wide screw driver slowly and carefully. Turn to clock-wise for higher output.

#### CAUTIONS:

- When using an 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 TX               | ① X             |
| ② DC 4V~6V INPUT   | ② GND           |
| ③ F-KEY(KCB-3000)  | ③ X             |
| ④ RX               | ④ X             |
| ⑤ F-KEY (RESERVE)  | ⑤ X             |
| ⑥ MICROPHONE INPUT | ⑥ X             |
| ⑦ RESERVE          | ⑦ DC INPUT +12V |
| ⑧ GND              | ⑧ X             |

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