

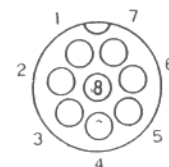
Desktop Microphone EMS-14

Specifications:

type: Electret Condenser Type
 impedance: 500 - 100k ohms
 power consumption: approx 1.5mA(Rx) / 2.5mA(Tx)
 output voltage: 0 - 30mV (rms)

Controls:

- (1) POWER SWITCH:
Press to toggle the microphone power On and Off.
- (2) ON AIR L.E.D.:
Flashes during stand-by (receiving) and illuminates continuously during transmit (Tx).
- (3) PTT (Push-To-Talk) SWITCH:
Push down to transmit and speak; release to receive and listen.
- (4) PTT LOCK:
Locks the PTT Switch ON. Press once to start transmitting; press the PTT SWITCH once to release and resume receiving.
- (5) UP/DOWN SWITCHES:
To tune the frequency (or channel) upwards, press the UP switch, and to tune the frequency (or channel) downward, press the DOWN switch.
- (6) MICROPHONE ELEMENT:
Speak to this element while transmitting.
- (7) MICROPHONE CABLE:
Connector pin configuration:
 1. Mic Input 2. PTT 3. Down 4. Up 5. +5Vdc* 6. Not to be used
 7. Mic Gnd 8. Ground
 (*The voltage is supplied by the Alinco transceiver and is used to drive the EMS-14. The voltage may differ depending on the radio.)
- (8) FM/SSB SWITCH:
Changes output audio quality suitable to FM or SSB.
- (9) MIC OUTPUT ADJUSTMENT VOLUME:
Factory default is set to about 10mV rms. If the mic sensitivity is too low for your radio, turn this volume clockwise; if too high, counter-clockwise.



Recommendations:

- Do not press or hit the switches too hard.
- High SWR on antenna, poor ground of radio, etc. may cause feedback to the microphone.
- Treat the cable gently and do not pull.

