

## DESKTOP MICROPHONE **AM-UD1** (WITH MIC.AMP.)

- \* HIGH-QUALITY LOW-NOISE MIC.AMP BUILT-IN.
- \* HIGHLY SENSITIVE CONDENSOR MICROPHONE AND FLEXIBLE GOOSENECK EMPLOYED
- \* VOICE QUALITY SELECTOR SWITCH FOR NORMAL/LOW-CUT.
- \* EQUIPPED WITH ELECTRONIC TOUCH SWITCH FOR PTT OPERATION.(WITH LED TX INDICATOR)
- \* PROVIDED WITH UP AND DOWN SWITCHES

### SPECIFICATIONS:

|                    |                                                           |                  |                        |
|--------------------|-----------------------------------------------------------|------------------|------------------------|
| •Microphone        | : Unidirectional Electret Condenser Mic.with IC Built-In. |                  |                        |
| •Output Voltage    | : 0-30mV(RMS)                                             | •Dimensions (mm) | : 100(W)x155(D)x310(H) |
| •Power Consumption | : 2mA(RX) 5mA(TX)                                         | •Weight          | : 400g                 |
| •Output impedance  | : 500 - 100k $\Omega$                                     | •Power Source    | : UM3 x 2              |
|                    |                                                           | •Accessories     | : Windshield           |



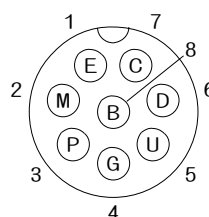
### CONTROLS:

- ① POWER SWITCH : Push it for power "ON", then, the "ON AIR" indicator ②start to flash. Push it again for the power "OFF".
- ② ON AIR INDICATOR (LED TX INDICATOR) : Set the power switch to "ON" then LED② flashes to indicate the RX condition. The LED② 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 Switch③.
- ⑤ UP/DOWN SWITCHES : Use these switches for frequency UP and DOWN. For details, please refer to the manual of transceiver.
- ⑥ Electret Condenser Mic. : The high-sensitivity electret condenser microphone is applied for clear and better voice quality.
- ⑦ MIC. OUTPUT CONNECTOR (8P ADONIS TYPE)

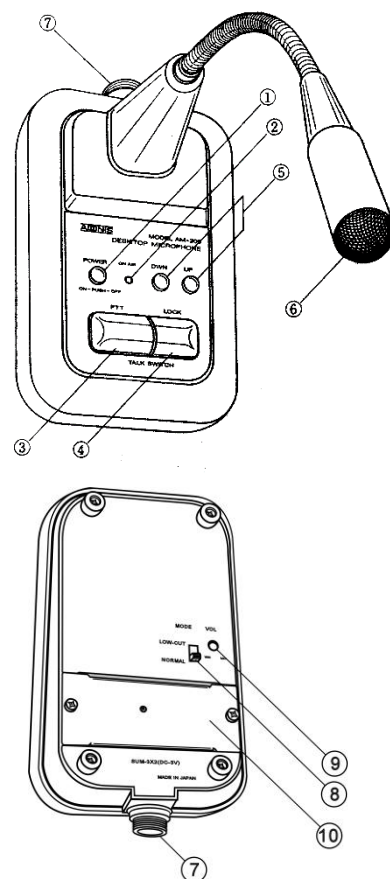
Please use the suitable interconnecting cable separately available.

### The Pin Connection of Microphone Output Connector (ADONIS type)

- ① E: MIC.EARTH
- ② M: MIC
- ③ P: PRESS TO TALK
- ④ G: PRESS TO TALK (EARTH)
- ⑤ U: UP
- ⑥ D: DOWN
- ⑦ C: U/D COMMON
- ⑧ B: DC FEEDING (DIRECT CURRENT)



(VIEWED FROM TERMINAL PIN SIDE)



### ⑧NORMAL / LOW-CUT VOICE QUALITY SELECTOR SWITCH

The selector switch for microphone output audio quality. When NORMAL mode operation, it produces clear voice quality with wide frequency characteristics and when in LOW-CUT mode operation, it produces sharp and clips voice quality for effective DX'ing.

### ⑨ OUTPUT ADJUSTING 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.

### ⑩ BATTERY COVER :

Turn it to clockwise for higher output.

Remove the screws and put the 2 pieces of UM3 batteries into the space correctly. (The batteries are not provided with this microphone.)

(Optional External Power Source) When you activate the microphone with external power source of 13.8V DC, please be sure to use "ADONIS" External Power Adaptor model PS-3 optionally available.

**CAUTIONS :**

- o Please be sure to use "ADONIS" Interconnection microphone cable optionally available .
- o When using a external power adaptor, please be sure to use our Model PS-3 External Power Adaptor optionally available.
- o 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 .
- o Please turn the power switch "OFF" after QSO .
- o It is better to remove the batteries from microphone when you do not use the microphone over than 3 months .
- o Do not place this microphone near high temperature area or under direct sunlight .

**THE LIST OF MICROPHONE INTERCONNECTING CABLES FOR RADIO AMATEUR TRANSCEIVERS :**

| Maker                         | Number | Applicable Transceiver                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ICOM                          | D-88i  | IC - 26 · 28 · 35 · 38 · 120 · 228 · 229 · 271 · 275 · 338 · 339 · 371 · 375 · 575 · 723I · 721S<br>IC - 726S · 729 · 731I · 732 · 736 · 741 · 746 · 750 · 756 · 760PR0 · 775 · 780 · 820 · 821<br>IC - 900 · 901 · 910 · 911 · 970 · 1200 · 1201 · 1271 · 1275 · 2300 · 2310 · 2320 · 2330<br>IC - 2400 · 2410 · 2500 · 2600 · 7200 · 7300 · 7400 · 7410 · 7600 · 7610 · 7700 · 7800<br>IC - 7851 · 9100 · 9700 |
|                               |        | IC - 207 · 208 · 281 · 381 · 681 · 703 · 706 · 2000 · 2340 · 2350 · 2700 · 2710 · 2720 · 2730<br>IC - 2800 · 2820 · 3700 · 7000 · 7100 ID - 1 · 800 · 880 · 4100 · 5100                                                                                                                                                                                                                                          |
|                               |        | D-8i4 IC - 705 · 905                                                                                                                                                                                                                                                                                                                                                                                             |
|                               |        | P-8i IC - 2N · 3N · 02N · 03N · 12N · $\mu$ 2 · $\mu$ 3 · 2G · 3G · 12G · 2S · 3S · 23 · 24 · 2ST · 3ST · P2 · P3<br>IC - P2T · P3T · S21 · S31 · W21 · W21T · X21T · 3J · 2i · 3i · Z1                                                                                                                                                                                                                          |
|                               |        | FT - 211 · 212L · 215 · 270 · 290mk2 · 690mk2 · 711 · 712L · 715 · 770 · 790mk2 · 2311 · 2312<br>FT - 2700R · 4600 · 4700 · 4800 · 4900 · 5800                                                                                                                                                                                                                                                                   |
| YAESU<br>(Vertex<br>Standard) | D-88Y2 | FT - 211 · 212L · 215 · 270 · 290mk2 · 690mk2 · 711 · 712L · 715 · 770 · 790mk2 · 2311 · 2312<br>FT - 2700R · 4600 · 4700 · 4800 · 4900 · 5800                                                                                                                                                                                                                                                                   |
|                               | D-88Y3 | FT - 847 · 920 · 950 · 1000MP · 2000 · FTDX101 · FTDX1200 · FTDX3000D · FTDX5000 · FTDX9000                                                                                                                                                                                                                                                                                                                      |
|                               | D-6MY  | FT - 90 · 100 · 7100 · 8000 · 8100 · 8500<br>Make sure that the microphone settings on the radio are MH-42 before using.<br>FT - 7800                                                                                                                                                                                                                                                                            |
|                               | D-6MY2 | FT - 1900 · FT-1907<br>FTM - 100D · 150 · 200D · 300D · 350H · 400D · 500D · FTM-510D · 7250D · 6000/S<br>Make sure that the microphone settings on the radio are MH-48 before using.<br>FT - 7900 · 8800 · 8900                                                                                                                                                                                                 |
|                               | D-8MY  | FT - 900 · 2400                                                                                                                                                                                                                                                                                                                                                                                                  |
| KENWOOD                       | D-8MY2 | FT - 450 · 710 · 817 · 818ND · 891 · 991 FTDX10 · FTX-1<br>Make sure that the microphone settings on the radio are NOR before using.<br>FT - 857 · 897                                                                                                                                                                                                                                                           |
|                               | P-8i   | FT - 11 · 23 · 24 · 41 · 51 · 73 · 74 · 104 · 203 · 204 · 205 · 209 · 305 · 703R · 704 · 705 · 709<br>FT - 727G · 728 · 729 · 805 · 2303                                                                                                                                                                                                                                                                         |
|                               | D-88K  | TR - 50 · 751 · 851 · 7900 · 7950 TW - 4000 · 4100<br>TM - 201 · 221 · 231 · 241 · 401 · 421 · 431 · 441 · 521 · 531 · 541 · 701 · 702 · 721G<br>TS - 50 · 60 · 140 · 430 · 440 · 450 · 570 · 590 · 660 · 670 · 680 · 690 · 711 · 780 · 790<br>TS - 811 · 850 · 870 · 890 · 930 · 940 · 950 · 990 · 2000                                                                                                         |
|                               | D-8MK  | TM - 251 · 255 · 261 · 451 · 455 · 461 · 643 · 732 · 733 · 741 · 742 · 833 · 841 · 842 · 941 · 942<br>TM - 2400 · D700 · D710 · G707 · V7 · V71 · V708<br>TS - 480                                                                                                                                                                                                                                               |
|                               | D-88C  | DR - 110 · 112 · 119 · 120 · 135 · 150 · 410 · 412 · 419 · 420 · 435 · 450 · 510 · 520 · 530 · 570<br>DR - 572 · 590 · 592 · 599 · 610S · 620 · 635 · M03 · M06 · M10 · M40<br>DX - 70 · 77 ALD- 23 · 24 ALR - 21 · 22 · 71 · 72                                                                                                                                                                                 |
| CIRFOLK<br>(Alinco)           | D-8MC  | DR - M50 · 735                                                                                                                                                                                                                                                                                                                                                                                                   |
|                               | D-80   | Without 1 connector to be connected to transceiver                                                                                                                                                                                                                                                                                                                                                               |
|                               | P-88A  | With 8P connectors with "ADONIS" wiring.                                                                                                                                                                                                                                                                                                                                                                         |
|                               | P-88J3 | 3m Extension Cord                                                                                                                                                                                                                                                                                                                                                                                                |