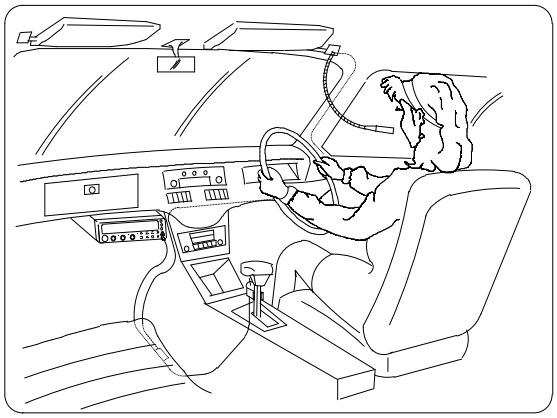
ADONIS

FLEXIBLE MOBILE MICROPHONE **FX-1KM** (MODULAR CONNECTOR)

FEATURES:

* Mount the flexible Microphone onto the Sun-Visor, and TX/RX selector to the gearshift lever for your safety driving.
* Provided with "CALL", "VFO", "MR" and "PF" keys.
* Equipped with UP / DOWN switches and TX indicating LED.
* Adjustable Microphone Sensitivity with output level adjusting volume provided.
* Exclusive design for "KENWOOD" transceivers and no need for microphone interconnecting cables and additional wiring.
* Provided with Non-Modulation Prevention Circuit with alarm sound. After 2. 5 minutes of the transmitting mode, the microphone automatically shifts into the receive mode just after alarming with sound.
* The Uni- Directional microphone serves to reduce background noise.



FX-1KM SPECIFICATIONS:

MIC. SECTION:

* Uni-Directional Condenser MIC. …1
* Flexible Pipe…23cm×8ϕ * MIC. Cord…3m

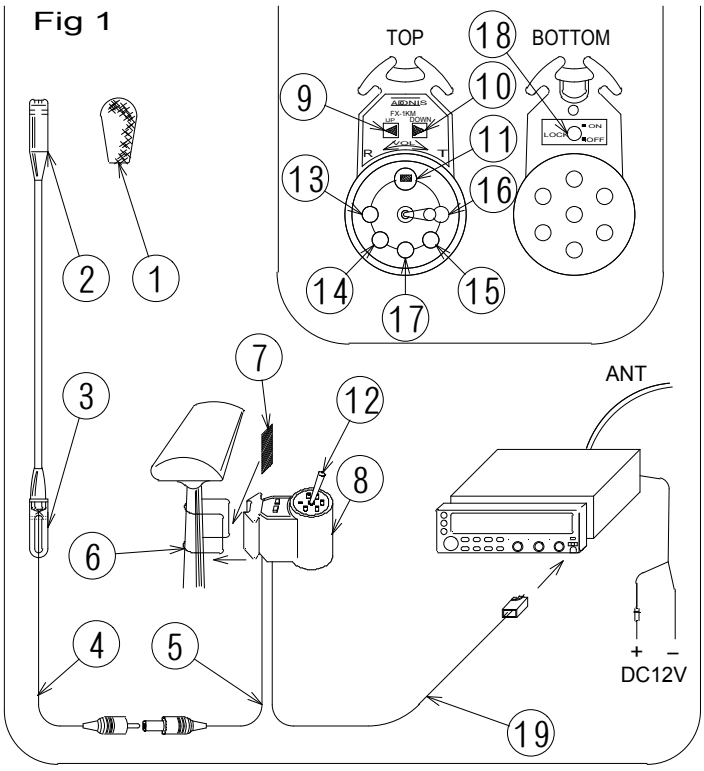
CONTROL SECTION:

* IC …1 * TR…2 * Diode…5
* Switch…8 * Output Cord…1. 5m
* Size…54(H)×33(W)×69(D) mm
  (Accessory: Rubber Band and Rubber Plate)

PART NAMES (Sea Illustration):

① Wind-Shield (Blue)
② Flexible MIC.
③ Mounting Hardware.
④ MIC. Cord with MIC. Plug.
⑤ MIC. Input Cord W / Jack.
⑥ Rubber Band for Mounting of Switch Box. To Gear-Shift.
⑦ Rubber Plate
⑧ Switch Box
⑨ UP Switch
⑩ Down Switch
⑪ Output Adjust Volume
⑫ TX/RX Selector Switch
⑬ 'CALL' Key
⑭ 'VFO' Key
⑮ 'MR' Key
⑯ 'PF' Key
⑰ TX Indicator LED
⑱ 'LOCK' Switch
⑲ MIC. Output Cord modular connector

Fig 1



HOW TO MOUNT AND HOW TO CONNECT:

* Fasten the mounting hardware ③ to Sun-Visor or fix it with set screw onto any convenient place. (Attach the wind - shield to the MIC. ② when using)
* Fasten the switch (control) box ⑧ with rubber band ⑥ provided with gearshift. (In case of need, place the rubber plate ⑦ in-between the switch bracket and the Gear-Shift. (See Fig. 3)
* Connect the MIC. Cord with Plug ④ to MIC. Input Cord with Jack ⑤ connected with the switch box ⑤. Then, connect MIC. Output cord ⑲ to transceiver.

HOW TO USE:

* Set the TX/RX Selector ⑫ to 'T' for Transmitting and to 'R' for receiving. The LED TX indicator ⑰ lights up when TX' ing.
  Keep the distance of 10cm or less between your mouth and the microphone.
* The 'UP' ⑨ and 'DOWN' ⑩ Switches are usable as up or down controls of the TX Frequency, Memory Channel, Frequency Step and the Tone Frequency. When pushing the switches continuously, the operating condition will be continued. You can also select the scanning direction.
* The 'CALL'⑬, 'VFO' ⑭, 'MR'⑮and 'PF'⑯ keys have the same function for control as those on the front panel of transceiver. (For details, please read the instructions of the transceiver.)
* When the 'LOCK' switch ⑱ is at "ON" position, all the key operation excepting 'TX/RX' Selector ⑫ will be locked. (The key on the transceiver are not concerned with the above locking.)
* The Switch Box is equipped with Output Volume Control ⑪ on top. The clockwise operation increases Mic. output. The output level is already factory-preset to have optimum level, but, in case you need, please handle it with care since the control is easily broken due to semi-fixed resistor. Note that excessive gain deteriorates readability or distort your voice. The Fig. 4 shows the center position of the volume.

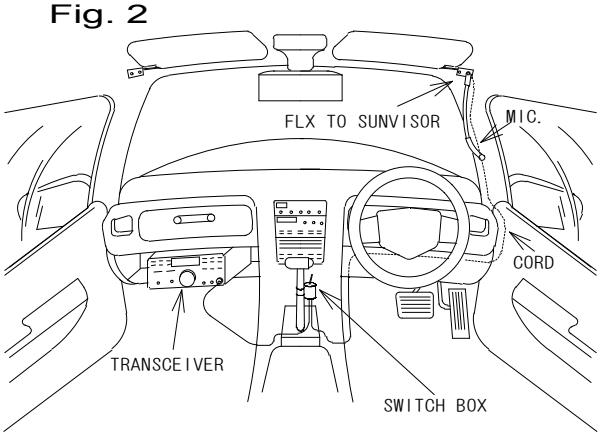
NON-MODULATION PREVENTION CIRCUIT:

Pressing the TX switch ⑫ accidentally may leave the transceiver in the transmitting mode without modulation, causing interference with other station.

When non-modulated transmit mode continues for about 2. 5 minutes regardless of normal use of mis-activated TX/RX switch, the alarm circuit will be activated to start sounding an alarm. In 30 seconds of alarm sound, the circuit against non-modulation will automatically change the mode from transmit to receive with alarm sound going on, and LED TX indicator ⑰ lighting up. In case you prefer to release Non-modulation prevention circuit, please refer to the illustration shown as above.

EXAMPLE OF MOUNTING

Fig. 2



HOW TO MOUNT THE SWITTCH BOX

Fig. 3

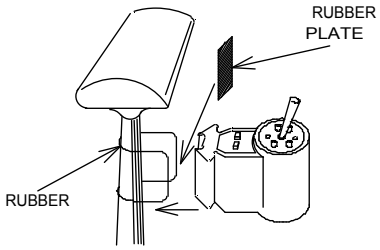
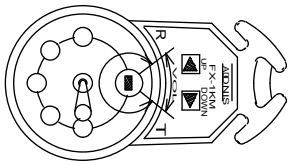
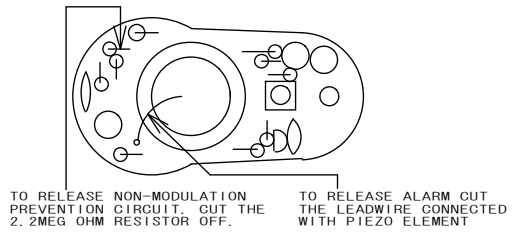


Fig. 4



THE RELEASING OF NON-MODULATION PREVENTION CIRCUIT

Fig. 5



RF FEEDBACK NOISE:

When transmitting with low power, there is no problems about noise. But, then transmitting with high power, there are possibilities to have abnormal modulation, interference with offensive sounds and other noise. In such a case, the bad matching between antenna and coaxial cable may cause the problem. , i . e. , the Standing Wave effects onto microphone cable. To get better condition, please do not place the microphone cable in parallel to the antenna coaxial cable. Also please check the SWR between antenna and transceiver.

CAUTIONS:

*The unit is high sensitivity microphone and be careful not to touch the microphone when using. Also be careful not to add strong shock.

* Please keep the microphone away from high temperature area when not is use.