

5. INSTALLATION INSTRUCTIONS & PRECAUTIONS.

(1) Location

The recommended installation position is under the dash or near the console box area. Don't place the radio in the vicinity of the air conditioner ducts. Follow the Installation Instructions below for the radio and microphone installation.

Be sure there is enough clearance for the heat to dissipate from the rear radiator. Installation where natural air flow is available is recommended. Avoid installations where high temperature, high humidity and/or dust is prevalent.

(2) Power cable wiring

The KG107 operates from a DC 12V battery. ALWAYS check the battery voltage if the KG107 is to be fitted to a large truck, as most trucks use a 24V electrical system. ALWAYS use a DC-DC converter when operating from a 24V battery. Connect the DC power cord directly to the battery.

NOTE 1 - Don't connect the DC cord in a manner which links it with vehicle ignition switch system, otherwise the CPU memory will be erased each time the engine is switched OFF and left OFF for more than a few minutes.

NOTE 2 - The KG107 is always shipped with its EP-ROM installed. However, if it is removed for any reason, ALWAYS be sure that the EP-ROM is installed in the radio before connecting the DC cord to the battery. If the DC cord is connected directly to the battery, the CPU will be alive even if the radio is switched off. Installation of the EP-ROM while the DC cord is connected may cause a malfunction.

(3) Microphone connection

Put the microphone plug in the microphone socket mounted on the radio front panel and fasten the ring to secure the connector tightly. Loose connections may cause faulty operation. If the radio is equipped with Tone Squelch or 5-Tone, the microphone hanger MUST be connected to the chassis ground by a wire, as Tone Squelch or 5-Tone disable feature operates through the hang-up button on the back of the microphone.

(4) Installing the main unit (See Figure 1)

Be sure that there is enough clearance for the microphone and power cables.

Using the fixed bracket as a template, mark and drill the mounting holes as follows :

As illustrated, cause the main unit to slide into the bracket to an appropriate position. Then, squeeze forcibly the left and right projections of the lever and the bracket bottom with your hands. The bracket will be clamped automatically in position.

To remove the main unit from the bracket, press Release Button at the center of the bracket. Then, the bracket is unlocked and the main unit comes out automatically.

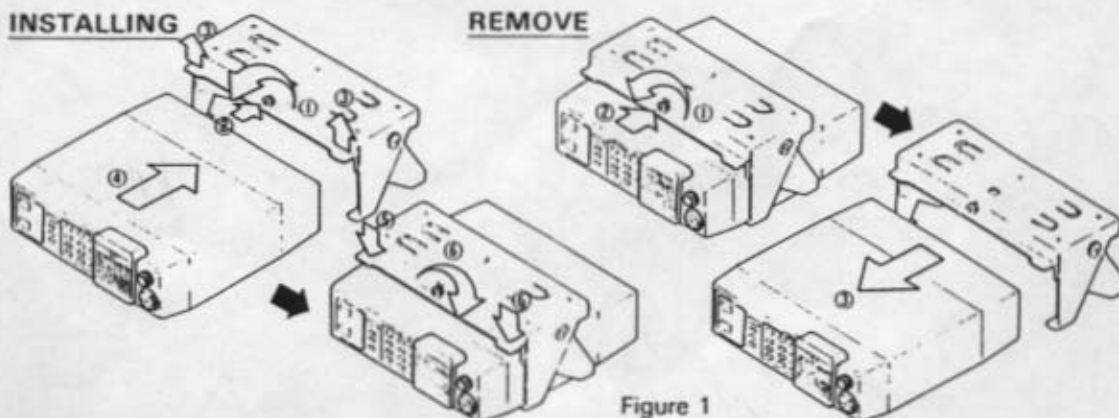


Figure 1

(5) External speaker connection

Connect the external speaker to the connector provided on the rear of the radio. Insertion of the plug disables the built-in speaker.

Consult your dealer if your KG107 gives you any trouble or if you require any further assistance.