

HEADSET INTERFACE

SwitchMate II™

RadioMate®

Headset & Audio Accessories

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Service Operation Manual

HEADSET INTERFACE

General Information

The **RadioMate® SwitchMate II™** Headset Interface allows the user to wear a headset and converse on a landline telephone as well as transmit on a two-way radio.

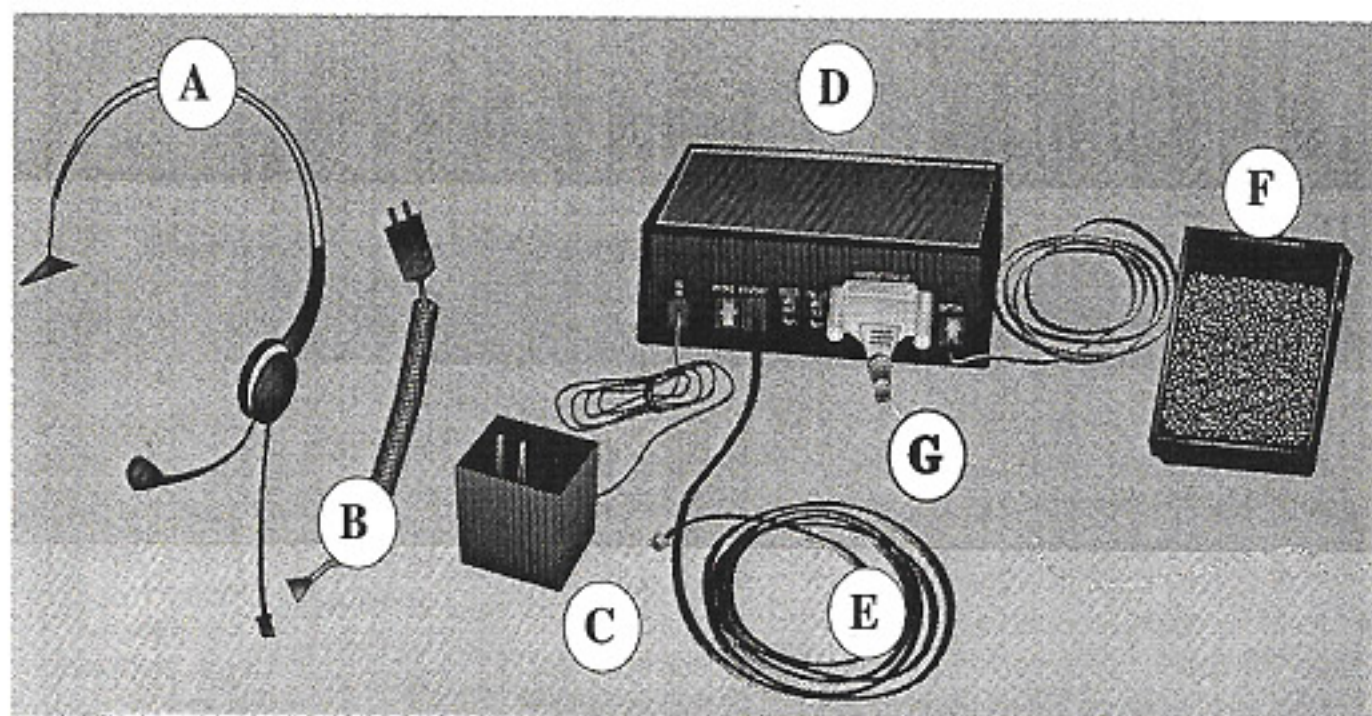
The Headset Interface is normally used at a dispatch point where the user receives telephone calls and dispatches service personnel or vehicles by two-way radio.

The **RadioMate® SwitchMate II™** is powered by the wall plug-in transformer. The supplied metal bracket allows the unit to be mounted under the writing surface. The unit may also be set on top of the desk.

SCOPE OF MANUAL

This Service Operation Manual is intended for use by experienced technicians familiar with similar types of equipment. It contains information pertinent to the installation and operation of the **RadioMate® SwitchMate II™** Headset Interface. Changes which occur after the printing date are incorporated by Service Operation Manual revisions. Modification, exchange or removal of any parts or components may void the warranty.

*SwitchMate II*TM COMPONENTS



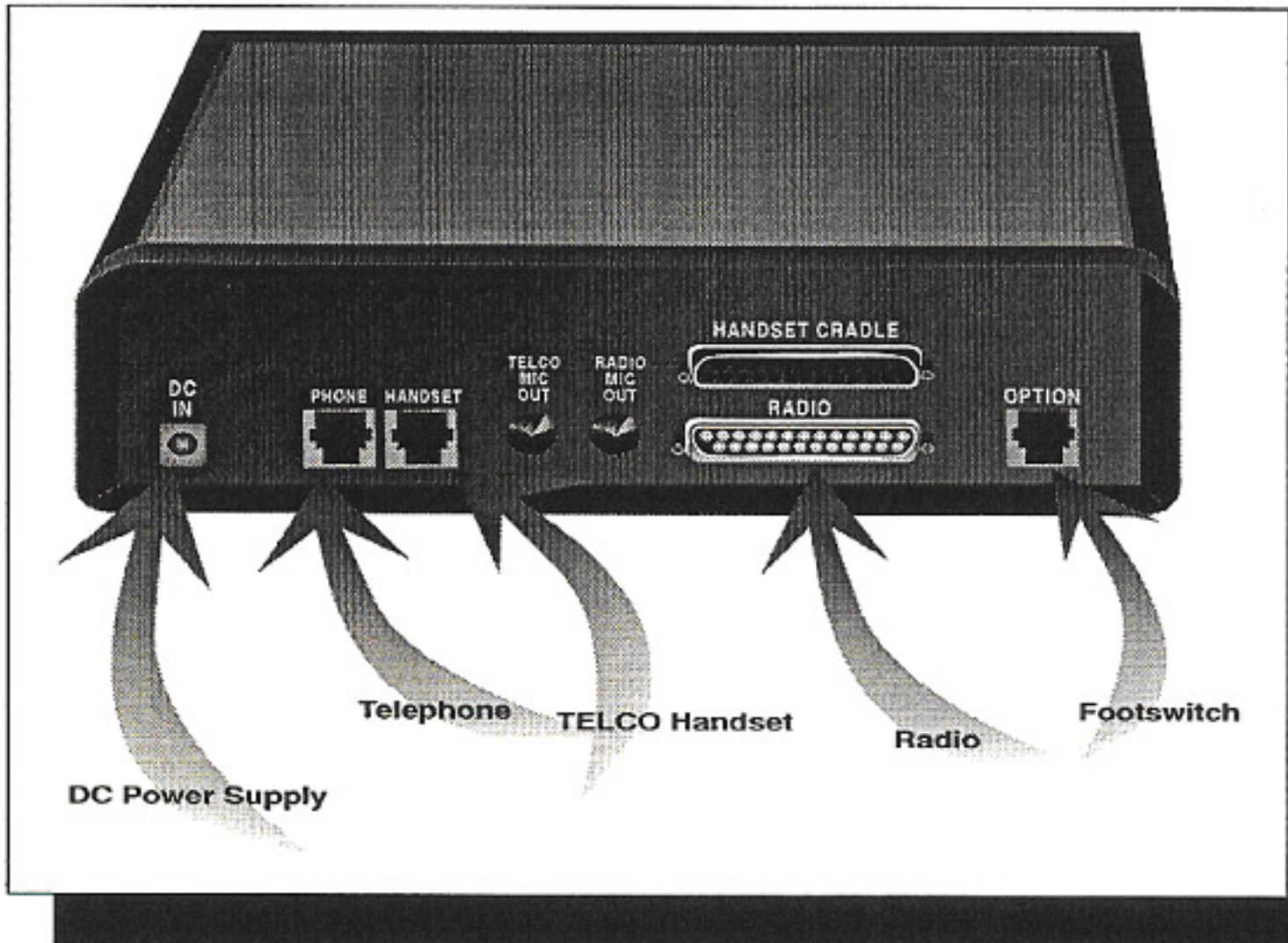
PARTS AS SHOWN:

- A. Headset Top
- B. Headset Lower Cable
- C. A/C Power Transformer
- D. *SwitchMate II*TM
- E. Telephone Cables (3 each A, B, & C)
- F. Footswitch
- G. Radio/*SwitchMate II*TM Cable

NOT SHOWN: *SwitchMate II*TM Mounting Bracket and Screws

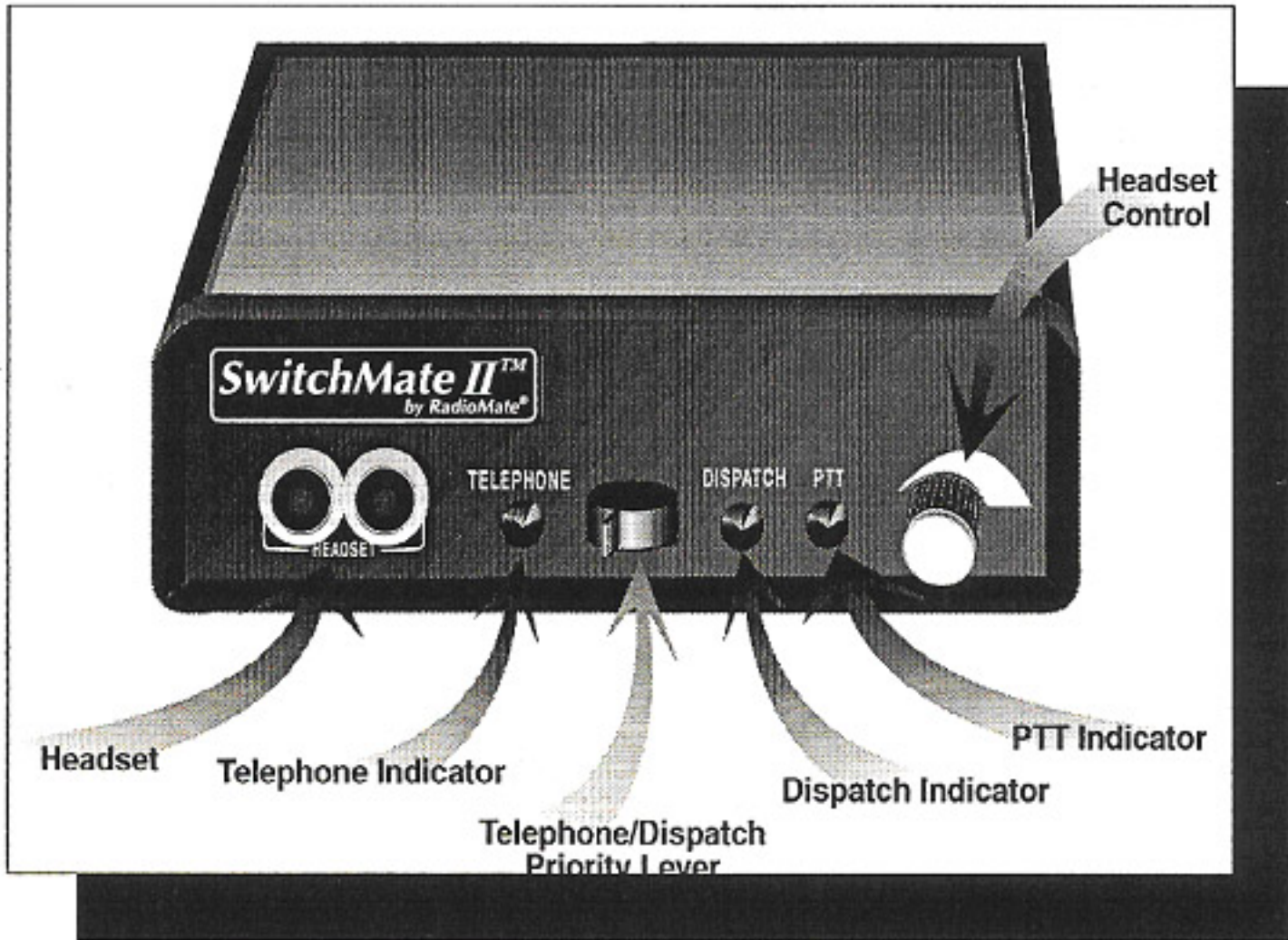
Back Panel

Hook-Up Diagram



FRONT PANEL

Hook-Up Diagram



OPERATING INSTRUCTIONS

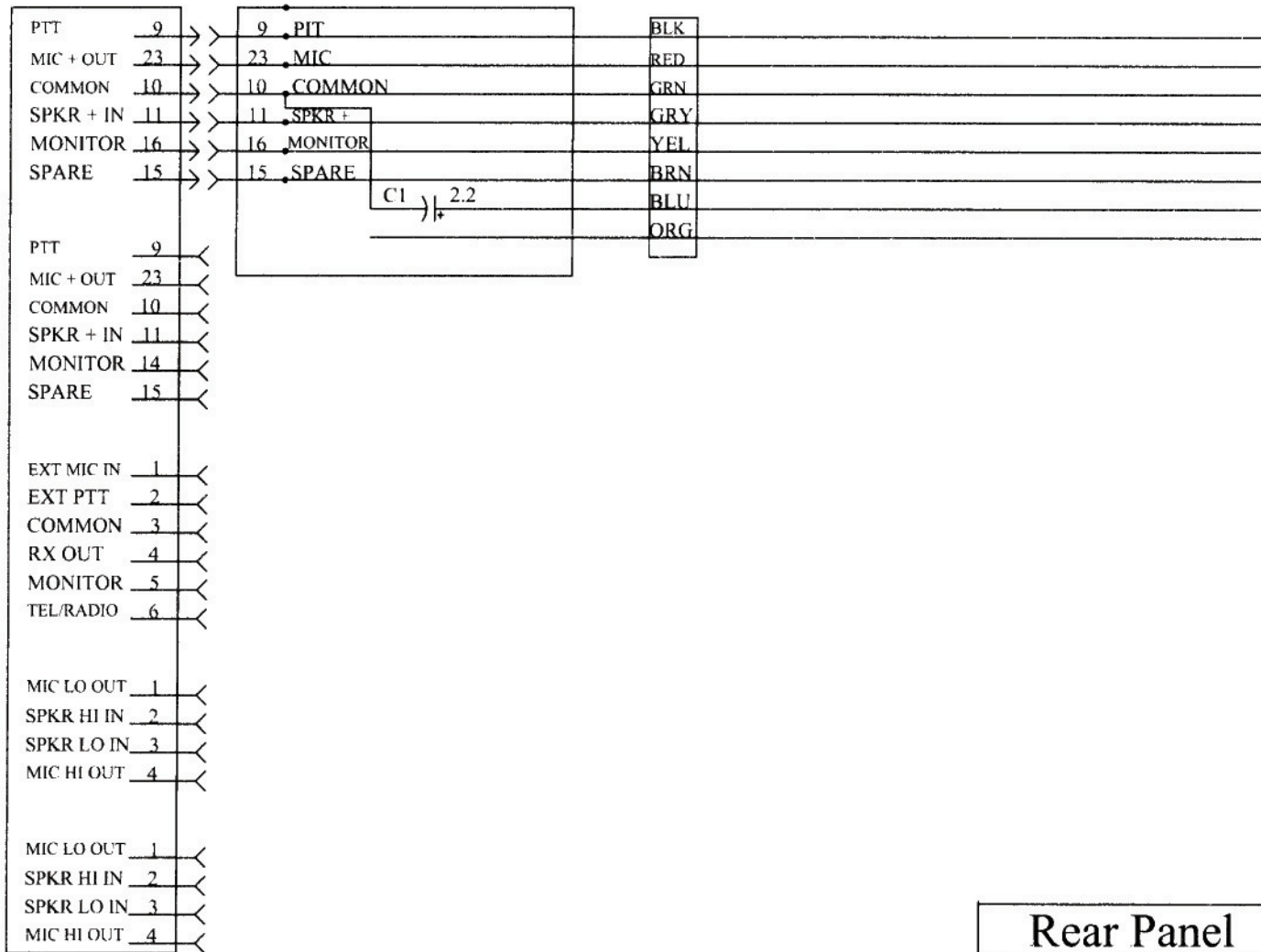
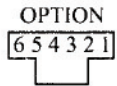
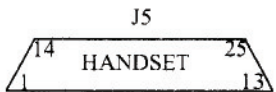
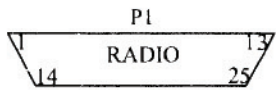
For Operation of the SwitchMate II™

- ? Incoming volume control can be increased or decreased by the adjustment knob on the front panel.
- ? For initial use, switch lever on front panel to Telephone mode. This will allow the user to be ready for incoming telephone calls.
- ? Your landline business telephone's manufacturer and model will determine whether it will be necessary to lift the handset off the cradle to transfer audio to the headset. Contact your telephone service personnel for information on availability of "on hook dialing" function for your phone instrument.
- ? Connect Headset Top to Headset Interface Cable and insert prong plug into "HEADSET" jack on front panel of *SwitchMate II™*.
- ? Adjust microphone boom to within 1-2 inches from corner of mouth. Headset can be worn on right or left ear.
- ? For radio dispatch, you may manually switch the lever on front panel of *SwitchMate II™* to "DISPATCH" which directs the receiver radio traffic to your headset; or for hands-free operation, depress the footswitch firmly until the light indicator shows red for PTT mode.
- ? Once transmit on the radio is complete, lift foot off of footswitch to return to "Ready" position on telephone.
- ? For "Handset Only" operation, remove the headset completely from *SwitchMate II™*.

TROUBLESHOOTING

- ? The power sources for all units (Radio, Control Station, Telephone & *SwitchMate II™*) should be connected.
- ? The priority lever on the front panel of the *SwitchMate II™* should be on telephone (Green Light). This allows you to be in the ready position for phone calls, also allowing correct functioning of the footswitch.
- ? The radio should be turned off before connecting any cables.
- ? The labeled end (A, B, or C), of the correct telephone cord should be plugged in to the telephone base jack, where the handset coiled cord was removed.
- ? Before plugging in handset, pick up the handset of the telephone, it should perform normally.
- ? The telephone handset coiled cord should be plugged in “Handset” jack On the rear of the *SwitchMate II™* box.
- ? Once headset is plugged in, the telephone handsets audio function is diverted to the headset.
- ? The footswitch should be plugged into “Option” jack.
- ? Once the footswitch is depressed ½ way down the yellow light should come on.
- ? While the yellow light is on, the audio on the radio goes through the headset only.
- ? Once the footswitch is fully depressed, the red light should come on also, which engages PTT on the Control Station radio.

SwitchMateII Rear Panel w/ unterminated radio cable wire pinout



Rear Panel
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