

MI00 VHF MARINE TRANSCEIVER

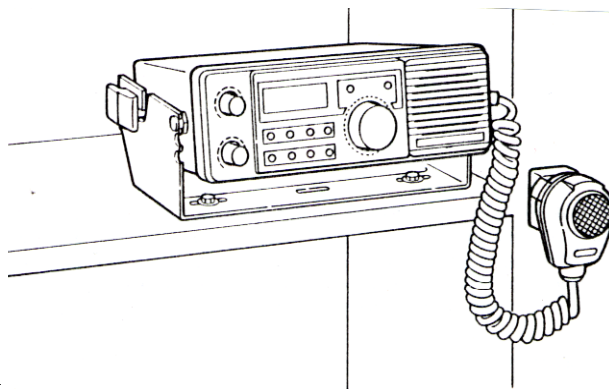
MI00 MOD

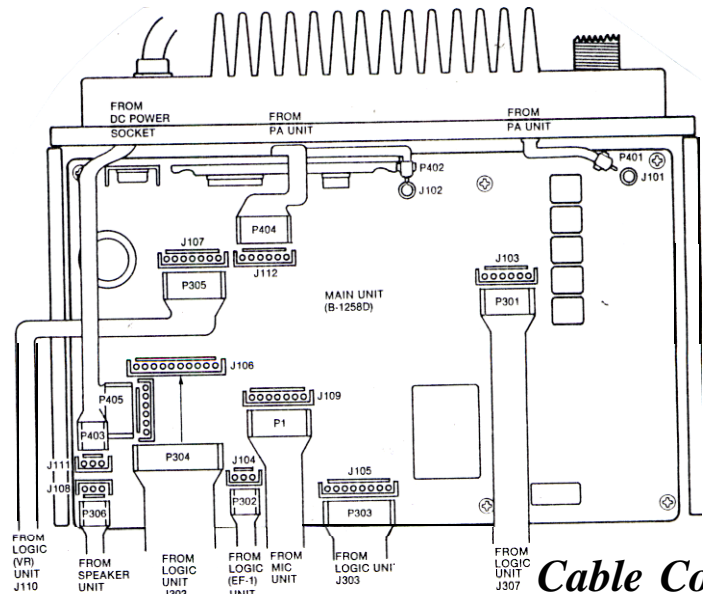
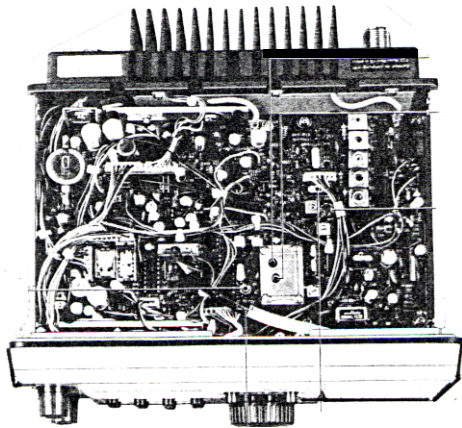
Gjkw2/14/01

The original HM29 and HM30 microphones are no longer available. The MI00 can be modified to accept a replacement HM114 hand microphone.

- 1- Remove 6 screws on back of MI00 holding the case in place and slide off the case.
- 2- Unplug the old mic from the MAIN board and remove
- 3- Unplug coax jacks from P401, P402, P403, P404, P405
- 4- Unplug the other 9 interboard connectors, remove screws holding board down and remove board.
- 5- Turn board over to view circuit side
- 6- Unsolder J9 (use extreme care to avoid board damage)
- 7- Replace J9 with a (#936-05432) connector (make sure pins align 1 for 1 etc)
- 8- On bottom of MAIN board, jumper pin #1 to pin #7 on J9
- 9- Cut circuit trace by J9 as indicated, this removes "GND" from pin 6 (see sketch).
- 10- Sleeve ends of a 4.7K resistor (#915-01171) and install between pin 5 of J9 and the GND side of the above cut trace.
- 11- Reinstall MAIN board and all previously removed connectors and screws
- 12- Thread new mic cord into radio, snug mic cord restraint into notch on side of chassis and plug into J9. The small 2 pin connector on the HM114 is not needed.

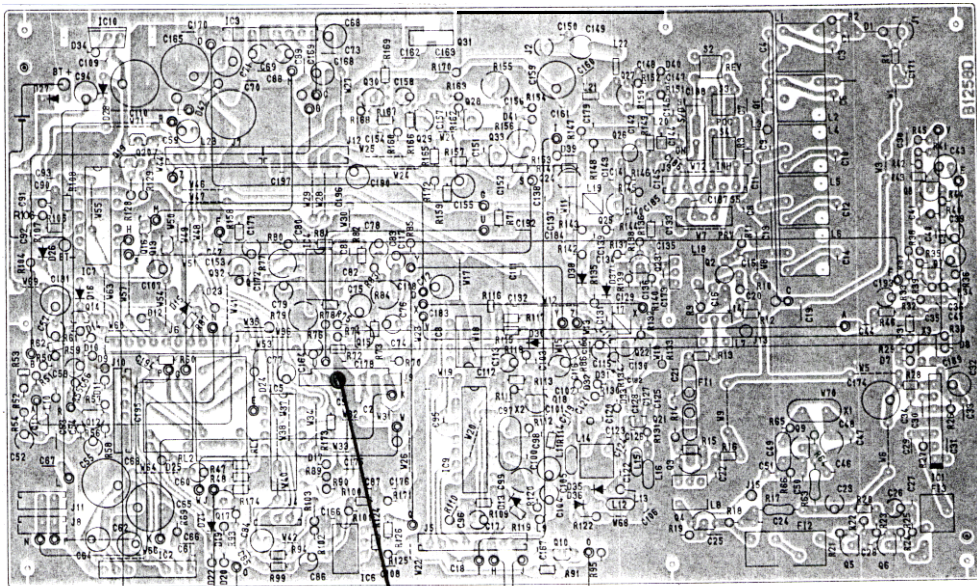
Note: Up/Down buttons will not function on the new mic.





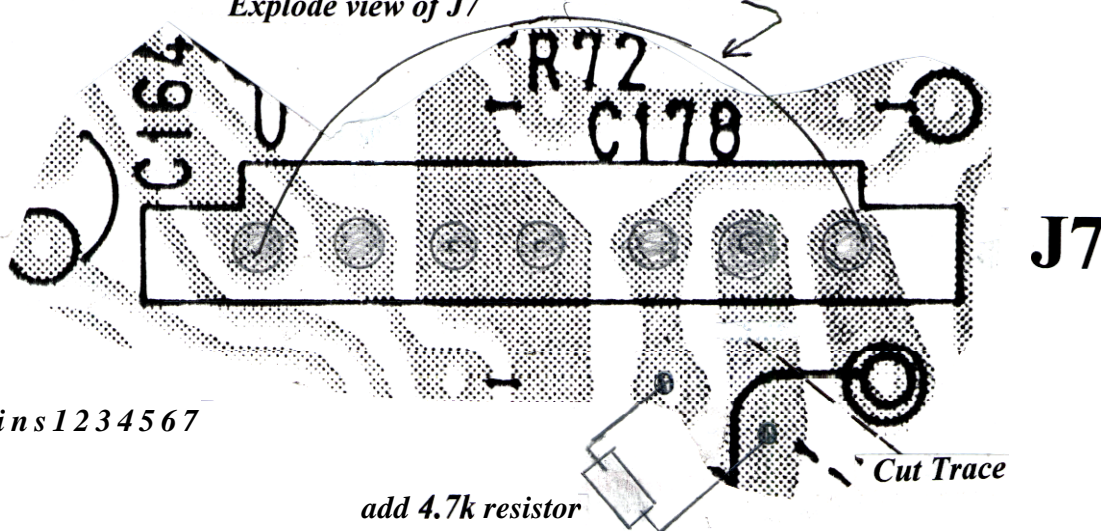
Cable Connections

MAIN BOARD



Explode view of J7

Jumper



Pins 1234567

add 4.7k resistor