

GENERAL SPECIFICATIONS

POWER SUPPLY

Working voltage from 11V to 14V

Maximum current consumption 30A

30A Safety Fuse

RF PERFORMANCE

Frequency range 28-30MHz

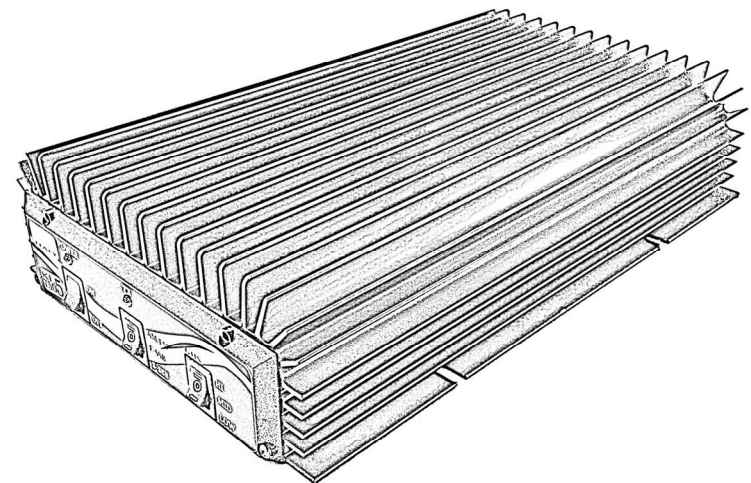
10 METERS BAND

Maximum Gain 15db

Maximum Power IN 10W (Higher powers may permanently damage the device)

Maximum Power OUT 240W

KL7505



USER MANUAL

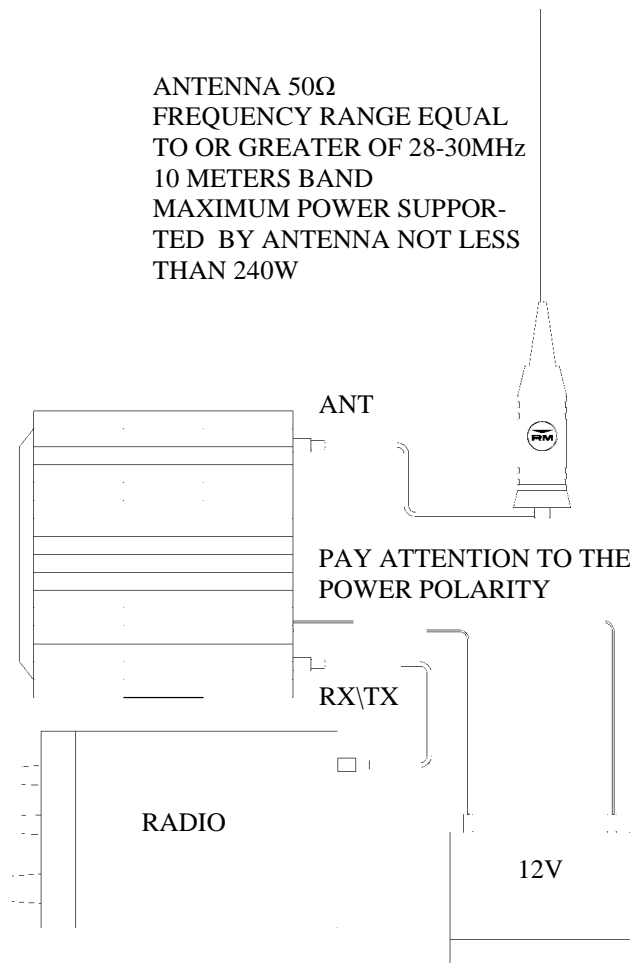
INSTALLATION NOTE CONNECTION DIAGRAM

This device must be installed in an area where there is adequate ventilation for the heat sink.

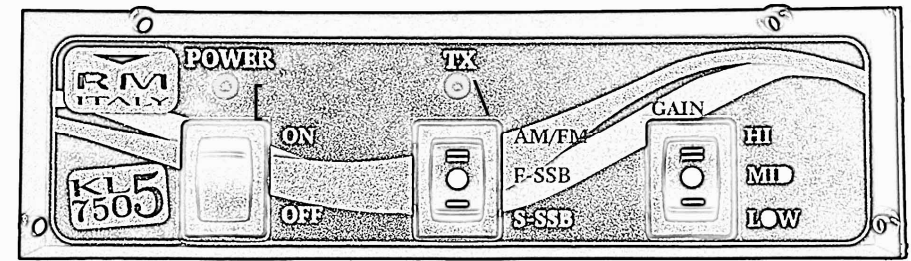
The amplifier is not designed for continuous transmission and should not be operated in this manner. Failure to observe this will cause the amplifier to shut down from excessive temperature.

If the amplifier is operated in high ambient temperatures transmission times should be kept short to avoid excessive heat sink temperature. Excessive heat sink temperature will cause the amplifier to shut down transmission. This is indicated when the TX LED flashes.

If this occurs operation of the amplifier should be stopped and the amplifier will regain normal operation when the temperature falls to an acceptable level. This may take more than 5 minutes.



FRONT PANEL



[Power On Led

\ Transmission state indication LED, if blinking indicates a overtemperature. To restore turn off and turn on, again, the device.

] Power On switch

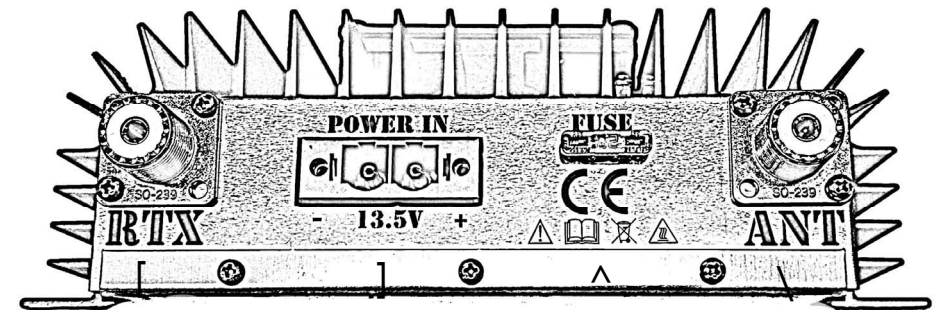
^ Modulation type selection (delay return to receive mode)

- AM/FM 0 Seconds Delay
- F-SSM 0.8 Seconds Delay
- S.SSB 1.2 Seconds Delay

_ Gain selection

- HI 14db ±1
- MID 12db ±1
- LOW 8db ±1

BACK PANEL



[TX/TX 50Ω Connector to be connected to your radio transceive
MAXIMUM POWER-IN 10W

\ ANT 50Ω Connector to be connected to a proper antenna for the
frequency in use

] 13.5V Supply. Lower or unstable voltages compromise device
performance