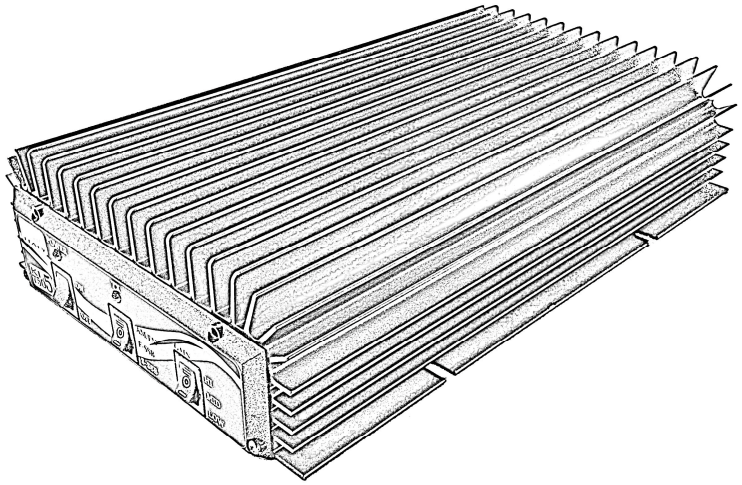
GENERAL SPECIFICATIONS

POWER SUPPLY
Working voltage from 11V to 14V
Maximum current consumtion 30A
30A Safety Fuse

RF PERFORMANCE
Frequency range 28-30MHz
10 METERS BAND
Maximum Gain 15db
Maximum Pover IN 10W (Higher powers may permanently damage the device)
Maximum Pover OUT 240W

www.rmitaly.com info@rmitaly.com

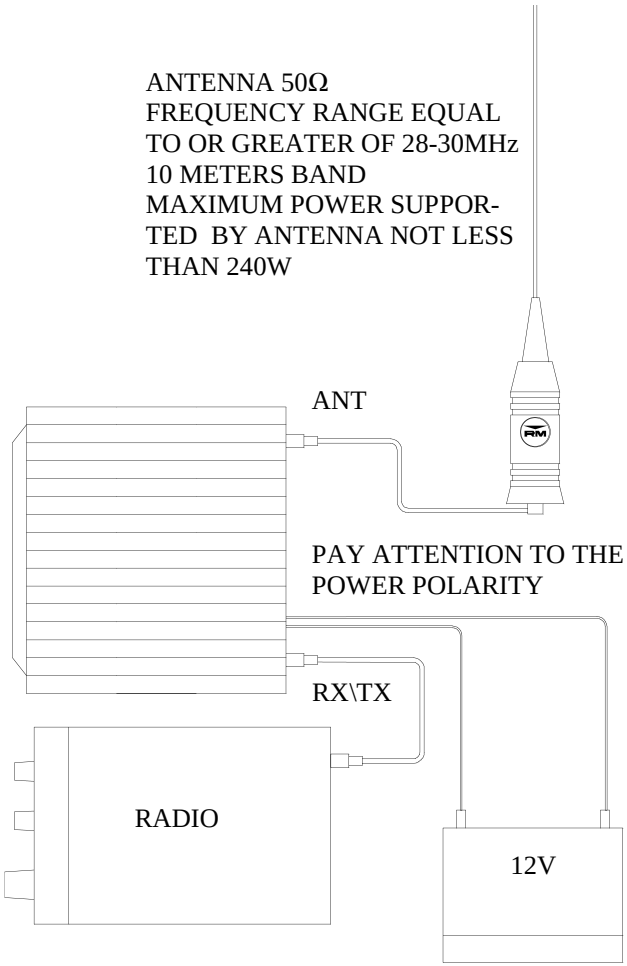
KL7505



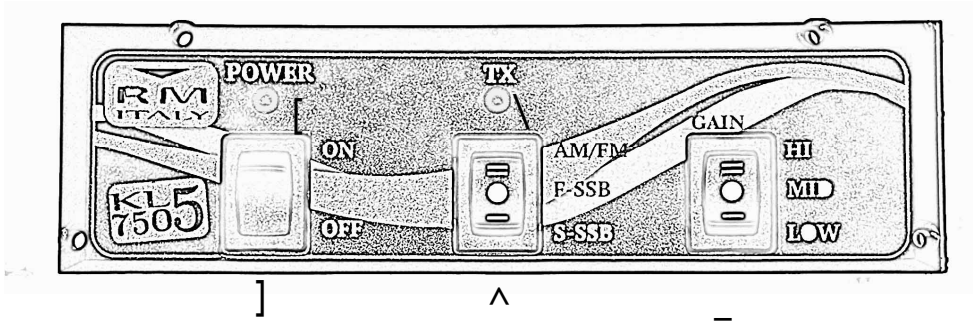
USER MANUAL

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

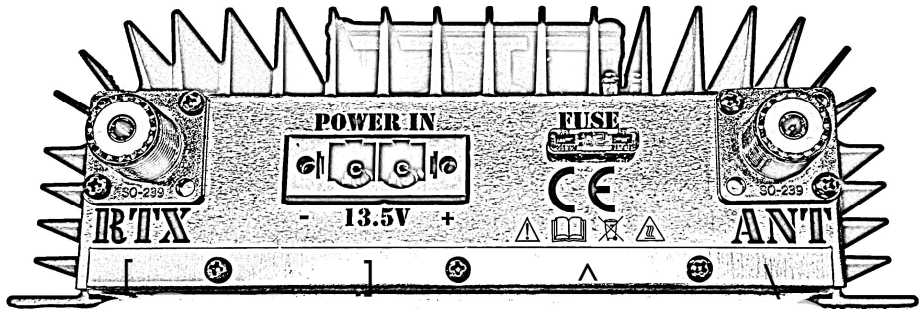
^ Modulation type selection (delay return to receive mode)

- 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