

AD-203 LINEAR AMPLIFIER

INSTRUCTIONS FOR COBRA RADIO

1. Remove the speaker side case of the radio and disconnect the speaker wires.
2. The Cobra radio needs to be modified such that it will only key 2 1/2 to 3 Watts. Super mod or down tune for best results.
3. Locate the Antenna Jack (Ant), on the back of the radio and remove the antenna wire from the jack. Locate the 'RTX' and 'ANT' coax on the amplifier. The 'ANT' coax will go to the jack and the 'RTX' coax will be soldered to the wire that was removed from the jack. Both shields on the coax must be grounded. (See diagram A).
4. The red and black power lead from the amplifier will be soldered to the radio power jack. Replace the 3A fuse with a 10A fuse in the power cord.
5. The On/Off switch can be mounted on the side or top of the radio.
6. Mount the amplifier where the speaker was removed with the 4 screws and nuts.
7. On Cobra Sound-Trackers, a shield will be needed on top of the main PCB. This is to keep RF out of the audio circuit. A copper board (2 1/2 x 3") is recommended. Solder it in on top of the IF / RF transformer.
8. Replace the top case on the radio, close and replace the screws.
9. If using a regular Cobra / LTD they do not need shielding.

PLEASE NOTE: DO NOT INSTALL IN ANY RADIO THAT WILL KEY MORE THAN 4 WATTS!!!!!!

