

A

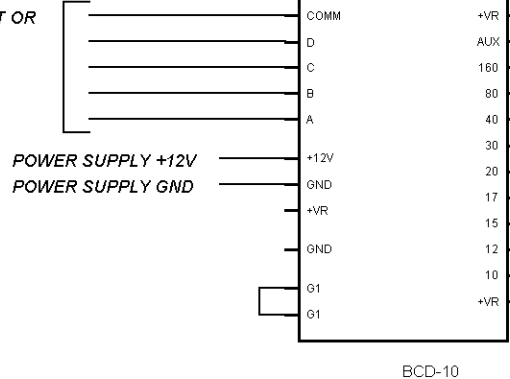
Placing diodes from the relay lines to the positive voltage is recommended to improve reliability. They should be placed as close to the relay coils as possible.

B

3 POSITION ANTENNA RELAY

C

TO RADIO BAND PORT OR PC LPT PORT



BCD-10

D

POWER SUPPLY +12V  
POWER SUPPLY GND

E

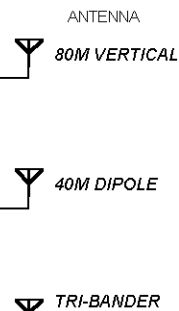
COAX TO TRANSCEIVER

F

BCD-10 Typical configuration. This system has 3 antennas, a tri-bander, a 40M dipole and an 80M vertical. It uses a three position antenna relay running from a single 12 volt power supply. Jumper G1 is inserted to allow the same 12V to both the BCD-10 PCB and the antenna relay. The outputs for 10, 15 and 20 meters are jumpered together so that the tribander will be selected whenever the radio is on one of these bands. This drawing shows the three outputs connected together off the board, but they can also be jumpered on the pads on the BCD-10 circuit board.

G

H



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