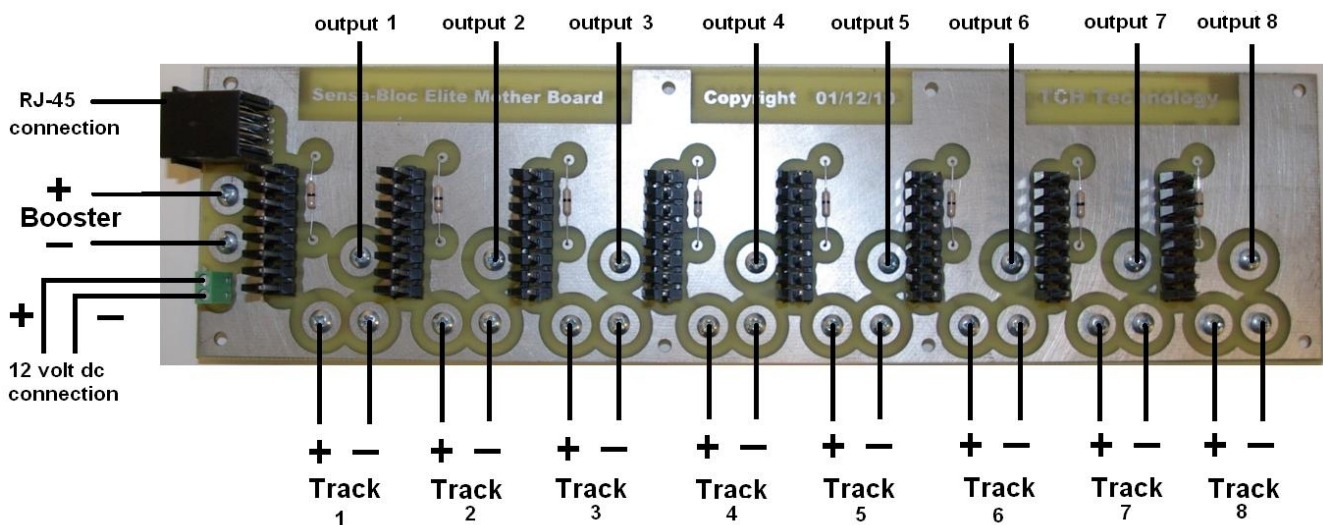


TCH TECHNOLOGY

THE INFRARED DETECTOR SPECIALIST

Sensa-Bloc Elite™ Mother Board

The **Sensa-Bloc Elite™ Mother Board** can exsept up to eight (8) **Sensa-Bloc Elite™** detector boards. The board is designed to make it easy to connect multiple detector boards with minimum amount of wiring. Shown below are the connections to the board.



Connection listing:

RJ-45 Connection is used for the output of each **Sensa-Bloc Elite™**.

Booster + - Connections coming from the DCC Booster.

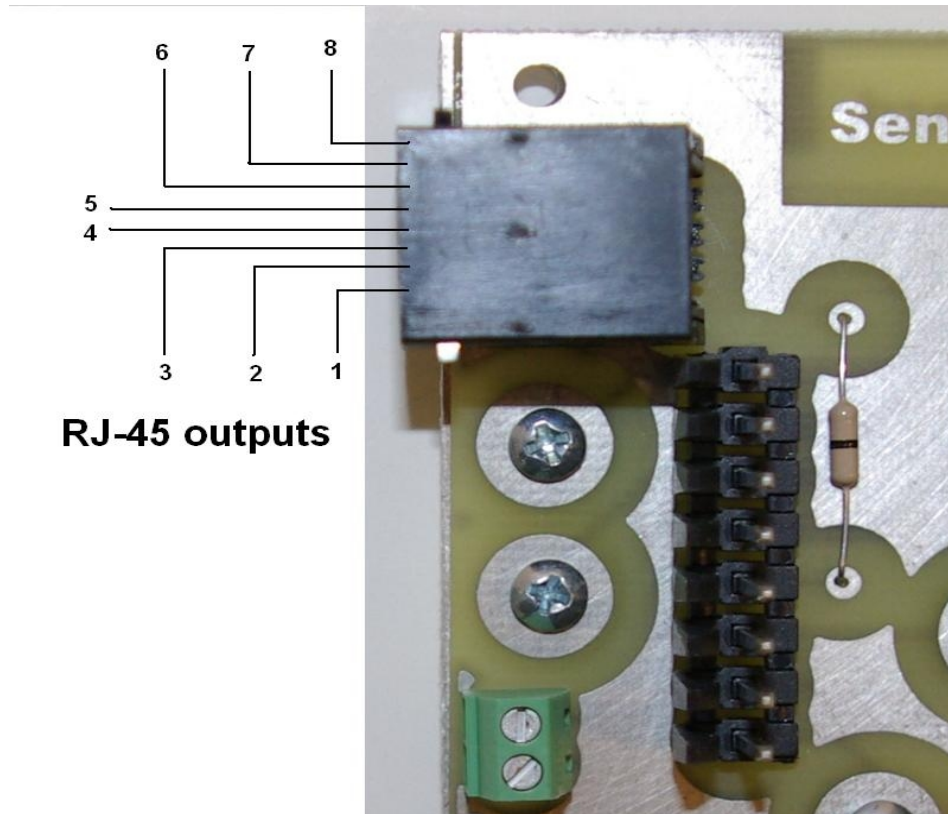
12 volt dc Connections from a 12 volt dc power supply.

Track 1-8 Connections to the track.

Output 1-8 Connections to LED's or other inputs.

The outputs can either be taken from the RJ-45 connector or the #4 pan head screws next to the connectors used to plug in the **Sensa-Bloc Elite™**.

RJ-45 outputs



RJ-45 outputs

Specifications

Board dimensions: 10.625" X 2.75" X .875" - 269.87 mm X 69.84mm X 22.22mm

Connections:

Eight (8) track inputs + -
One (1) booster input + -
One (1) RJ-45 jack
One (1) 12 volt dc input + -
Eight (8) screw type detector outputs

Note: The circuit described in this instruction sheet has been tested under a variety of conditions, however, it is impossible to foresee and test under all circumstances to which the circuit may be subjected. Furthermore, many performance aspects are directly linked to the physical layout of the components and the method of connections.