Aristocraft RDC

Installation of the BigSound™ system can be successfully accomplished within the box designed for a sound system. No disassembly of the car is required, other than the removal of the two screws securing the box. Power and Speaker connections are provided, through the floor. The plugs supplied with your kit will mate to these connections.

We do not ship a speaker with the RDC kit because the Aristocraft speaker produces a respectable sound and it is nearly impossible to mount a speaker through the floor - the desired location - in this engine.

DCC:

When you remove the DCC dummy plug under the DCC motor box and install a decoder, the sound system power is now connected to the motor output. To utilize the sound decoder functions of the BigSound™ board, the track inputs must connect with the track and not to the motor output of the decoder. Instead of hooking the track inputs into the supplied power connector, you will need to run separate wires from the power terminals on the sound board to the Aristocraft circuit board and connect them to the track circuit instead of the motor circuit. The track circuit board traces are the two heavy traces next to where the motor plug connects to the motor traces.

The Volume Switch and Access Jack:

These can easily be mounted to the black back wall of the sound box if you add a piece of sheet plastic to reinforce the wall.

Reed Switches:

When mounting the optional reed switches to trigger the horn and bell, we suggest the end of the sound system box. Be sure to mount them towards the truck end of the box. Also, do not confuse the centerline of the box with the centerline of the engine - the sound system box is mounted offset from the locomotive's centerline. We recommend keeping the ends of the reed switches approximately ¼" above the rails.