

HOOKUP FOR RAM 38/40 GAS/DIESEL ENGINE SOUND MODULE AND HORN

NOTE that this unit is available from Model Control Devices. Please e-mail us for further information. The modification below will allow operation of this sound unit with the MCD SWITCH8 or SWITCH16.

The wires referred to are the wires attached to the installed microswitch. Disconnect microswitch from circuit and connect up to relay contacts as shown.

Relay coil is connected to selected switch function of SWITCH 8/16. Switch function used should be on momentary mode.

This relay allows control of the horn from one button on the MCD SWITCH8 or SWITCH16. This assumes that the unit is turned on manually from another switch.

The actual RAM module may also be turned on by connection to one of the SWITCH8/16 functions as well.

Type of relay is single-pole/double-throw although double-pole can be substituted if necessary. Relay coil voltage is the same as that used to operate SWITCH8/16; if running on 6volts a 6 volt relay (5 volt can also be used). If 12 volt, then a 12 volt relay. These can be obtained from RadioShack.

Connecting a RAM Digital Sound Module for Control By a MCD SWITCH 8 or SWITCH 16

Note that Model Control Devices carries many of these units in stock. Please E-mail us for prices and availability.

The only wires that should be hooked up through the SWITCH8 (or SWITCH16) from a RAM Digital Sound unit are the 2 twisted yellow/black wires. These should be connected as shown with the black wire going to the GND terminal and the yellow wire going to whichever channel you wish. Multiple sound units should be connected the same way with each unit's yellow wire going to a different terminal and all black wires being connected to GND. In the example below, the left sound module is connected to channel 1 and the right to channel 2. Both black wires are connected to the GND terminal.

