

Nevada State Railroad Museum
Train Sound System Configuration Box Instructions
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“Passive” (No Amplifier): Audio to this car from train: (MOST COMMON)

Both Switches Down.
Set AT-10 Volume. (Start at “7”)
No Amplifier plugged in.

“Local” Amplifier: Audio to this car only:

Both Switches Up
Set AT-10 Volume at “10”.
Local Amplifier plugged in. (¼” Jack)
RCA Jack provides line level “Train” audio to “AUX In” on amplifier.

“Master” Amplifier: Audio from local amplifier to train: (DANGER: ONLY ONE AMPLIFIER THIS WAY)

Both Switches Down.
Set AT-10 Volume at “7”.
Plug in Output from 100 watt or greater, 70 volt amplifier to ¼” Jack.

“Second” Amplifier: Audio to this car and cars to the Left: (“Master” Amplifier MUST be to the Right)

Left Switch Down, Right Switch Up
Set AT-10 Volume at “7”.
Local Amplifier plugged in. (¼” Jack)
RCA Jack provides line level “Train” audio from Right car to “AUX In” on amplifier.

“Second” Amplifier: Audio to this car and cars to the Right: (“Master” Amplifier MUST be to the Left)

Right Switch Down, Left Switch Up
Set AT-10 Volume at “7”.
Local Amplifier plugged in. (¼” Jack)
RCA Jack provides line level “Train” audio from Left car to “AUX In” on amplifier.

Note 1: This 70-volt train system is designed to have **ONLY ONE AMPLIFIER AS “MASTER”**.

A “Second” amplifier may be used to take some of the load off of the “Master” amplifier.

The “Open Air” cars 501, 502, 503 and 2711 take the most load. (26 watts each!)

“Local” amplifiers can be used for a different program in a selected car.

Get to know this and find out it is pretty cool and versatile.

Don’t get to know it and flip the switches and blow-up amplifiers!

Note 2: Unplug ¼” plug from all “Train Sound System Configuration Boxes” if amplifier is not used.

Note 3: Center Position on Switch is “No Connection” and will isolate this car from the “Train Audio”.