Consult the MyLocoSound manual for remaining connections and more options.

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For more than 20V, use the Phoenix 3.6V battery instead of R/C battery.

Resistors are "optional but suggested" by Phoenix.

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Trigger sense should be active low.
Consult the Dallee manual for remaining connections and more options. Trigger sense should be active low.
Due to the design of the Sierra Sound Board, the RailBoss motor output is not directly compatible with the Sierra inputs. An RCS SSI-12V5 board must be used to provide power and motor isolation to the Sierra.

Sierra programming:
Speed sync source (steam boards) must be set for “Auto”. Bell and Whistle controls must be set for “Sensor Switch”.

No Battery or connections required at the 3-pin battery connector.

Sierra Sound
Sound Board Wiring

RailBoss 4

Screw
Terminals

Wired
Connector

- Vin

+ Vin

M+ M In M Out

M In

RCS
SSI-12V5

Vout + Vout -

Red Blk

Orm Gra

4 + Battery

12

2 - Battery

14 Whistle

13 Bell

16 Coupler

7 Track

8 Track

15 Hiss

12

Station Stop

& Bell

Reed

Switches

+ B

M+ M Out

- B

M In

Motor

Battery + (On/Off) -