Consult the Phoenix 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.

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1N4001 Diodes or equivalent are “optional but suggested” by Phoenix.

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Trigger sense should be active low.
Consult the MyLocoSound manual for remaining connections and more options.

Any RailBoss Plus output can be connected to any function input F1 thru F5 of your choice.
Battery + (On/Off) -

+ 18 - 19

20 M+

21 M -

4 17 T4

6 16 T3

9 15 T2

14 T1

RailBoss Plus R/C

Motor

Bell is automatic only

VS Gnd

M2 M1

Old MyLocoSound

H1 (Whistle)

Consult the MyLocoSound manual for remaining connections and more options.
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.