

# Ride Trains

Newest Technology, Lowest Prices

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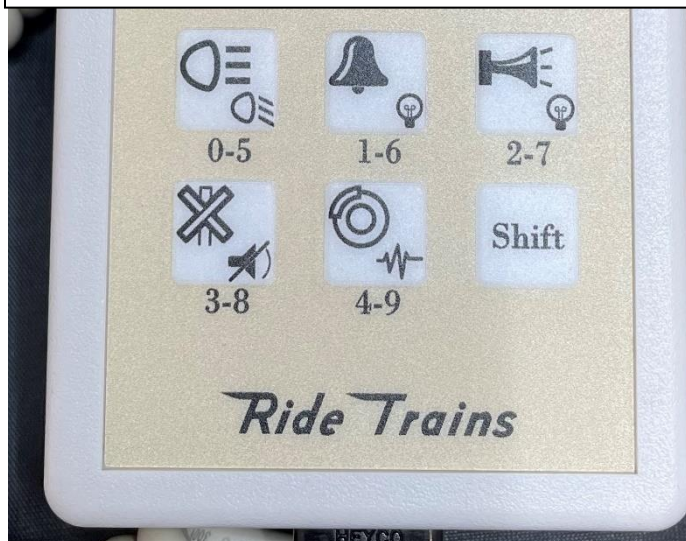
## RELAY BOARD MANUAL

V1.0

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Buttons that activate the relays, from left to right  
Light (0), Shift+Bell (6), Shift+Horn (7), Brake (4)



**WARNING: USE CARE WHEN CONNECTING THE CABLE TO ENSURE THAT ALL THE PINS ARE IN THE HEADER (NO PINS SHOWING TO THE LEFT OR RIGHT). IRREPARABLE DAMAGE WILL RESULT.**

- **Note that the polarity of the 6-pin signal wire is important and the system will not work if it is reverse on either end.**

## Features

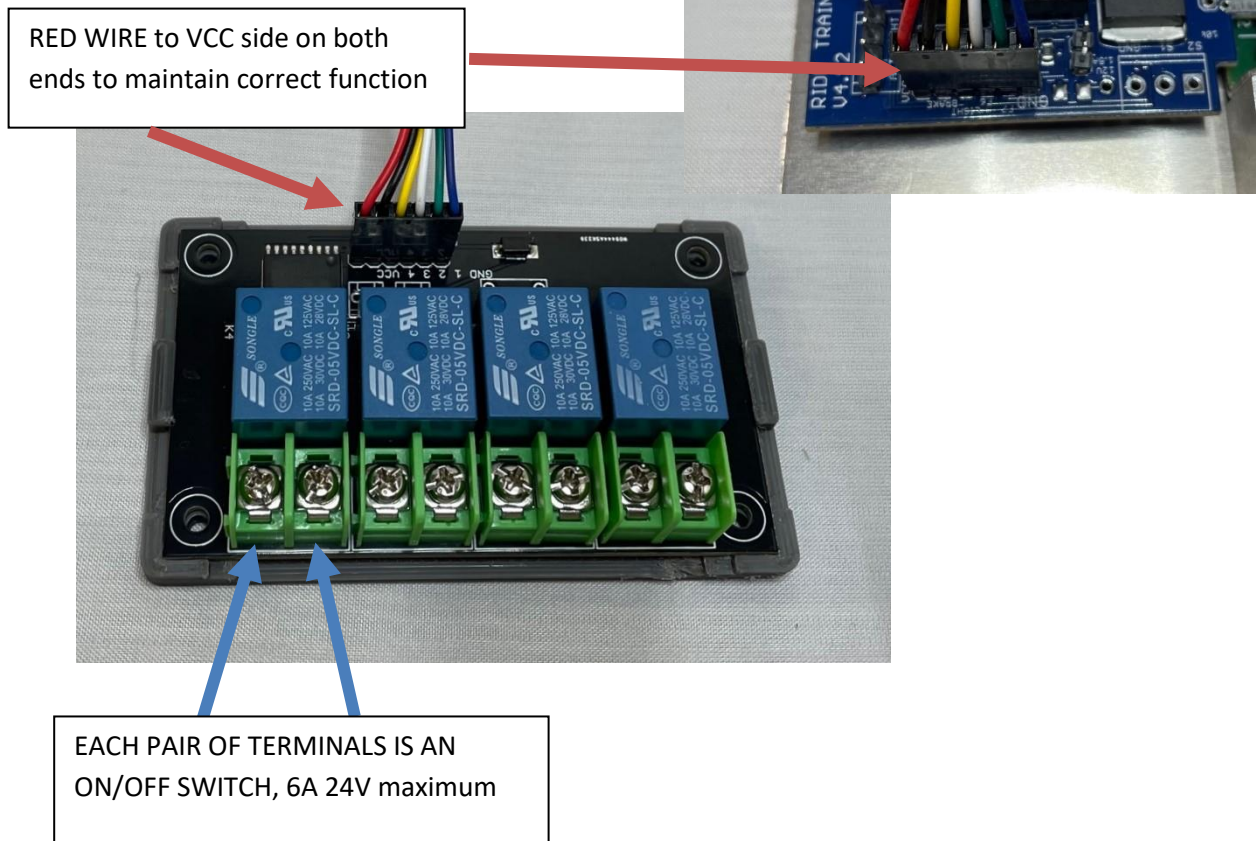
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*3 amp maximum for advanced board*

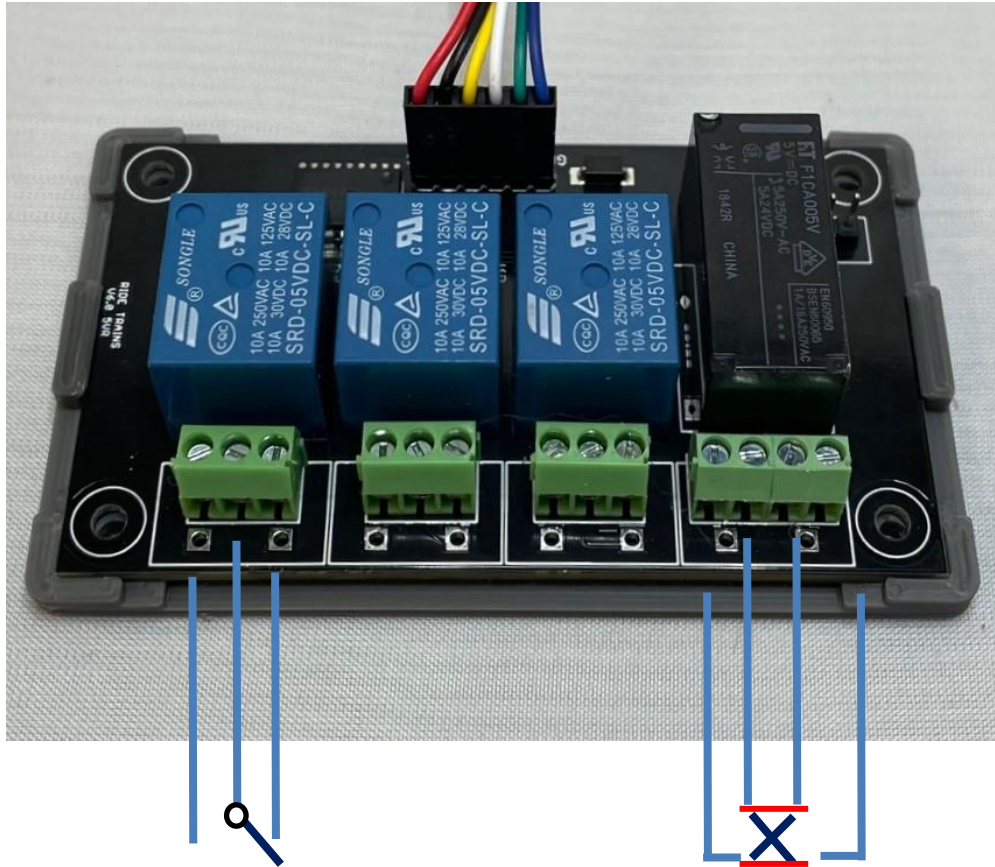
*6 amp maximum for basic board*

## Connections

*6 pin dupont header for signal. Screw terminal for power.*



## ADVANCED RELAY BOARD SETUP



In the orientation shown the far left terminal of each 3 position strip is normally open, center is common, right is normally closed. Use the left two for standard on/off operation

The brake output is connected in a DPDT reversing configuration. Left two pins as output, right two as input. The 2 pin dupont header to the right of the relay is connected to the left two screws. To use it as an on/off use the first and third terminals.