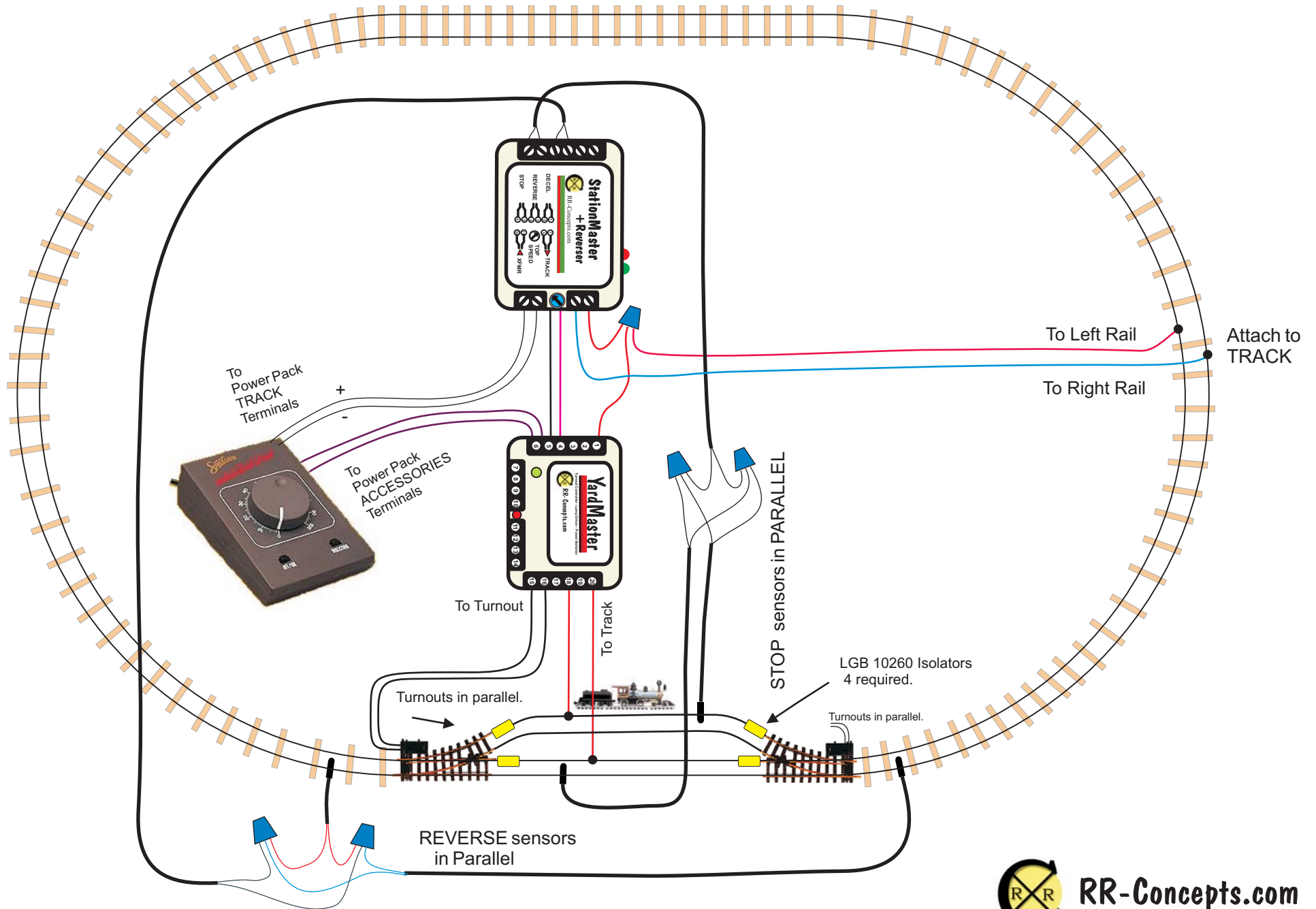


Alternate 2 Trains at a Siding with Decel/Accel Realism
With trains traveling in OPPOSITE DIRECTIONS.

Place MAGNET
on bottom of engines.



Alternate 3 Trains at a Siding with Decel/Accel Realism.

parts Required:

StationMaster: Qty 1
YardMaster: Qty 1
Turnouts: Qty 2. 1 is powered and the second can be either floating or powered.
Track Isolators: Qty 2
Magnets: Qty 3

Description

The Alternating 3 train at a siding will allow 3 trains to run around the layout. Two of them will always be in the siding, while the third train will be traveling. As the traveling train passes over an ACCEL sensor one of the waiting trains will accelerate and exit the siding. The traveling train will enter the empty siding, decelerate, and then fire the turnout to the other leg of the siding. The released train from before will then become the traveling train and this process is repeated where all three trains will take their turn.

Hookup Description:

StationMaster:

Terminals 1 and 2 are the DECEL sensor inputs and attach to the DECEL sensor as shown. For faster decelerations shorter than 2 feet move this sensor into the siding. An additional sensor wired in parallel should be placed in the other leg of the sensor. Please reference the STOP sensor for wiring DECEL sensors in parallel.

Terminals 3 and 4 are the ACCEL sensor inputs and attach to the ACCEL sensor as shown. The location of this sensor should be placed such that the train in the siding will accelerate and be clear of the siding before this train enters the siding. Either increase the acceleration rate or move this sensor far enough away.

Terminals 5 and 6 are the STOP sensor. Attach these to the STOP sensors in parallel as shown. The train must stop before reaching the isolator.