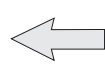
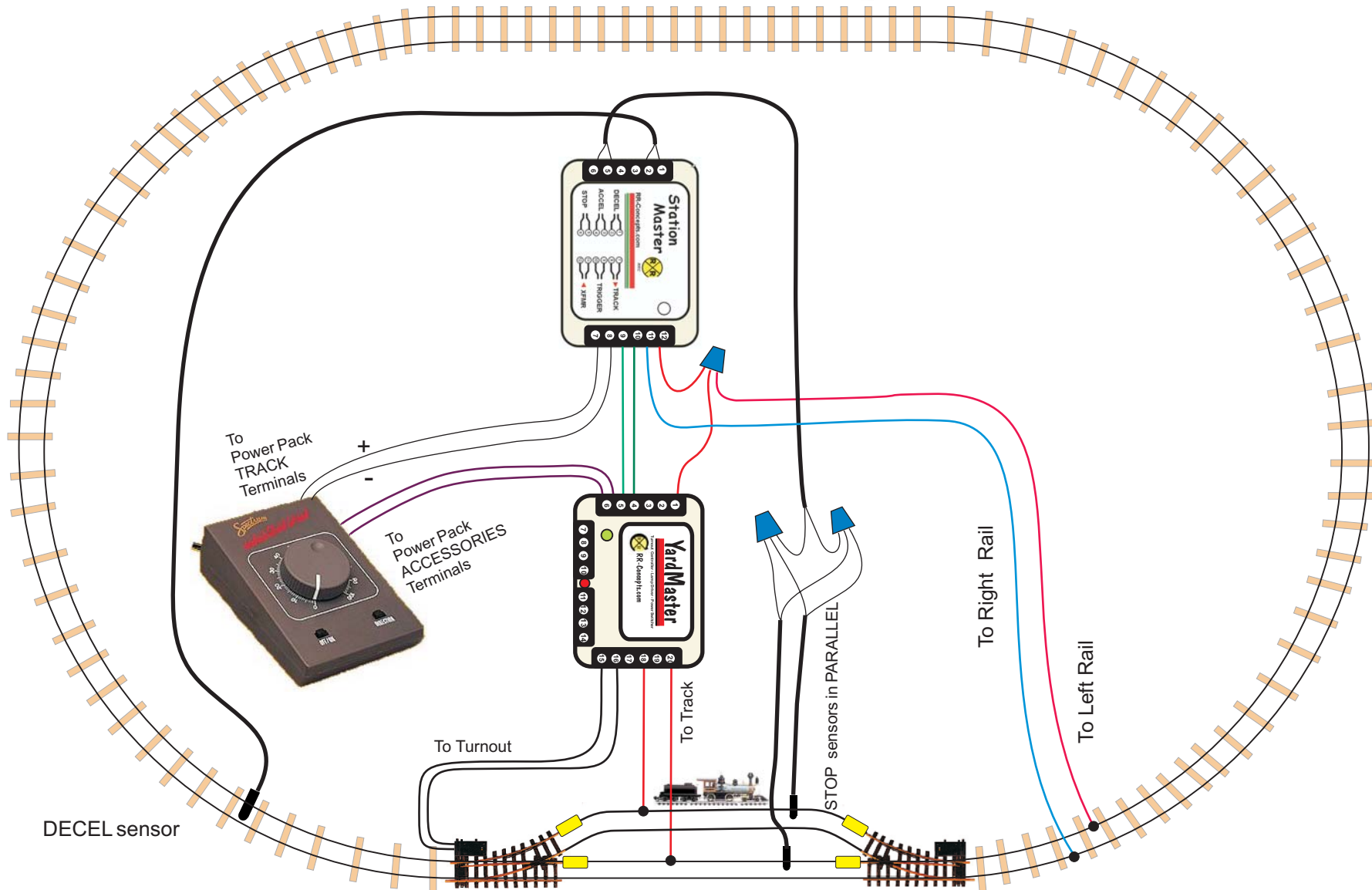


Alternate 2 Trains at a Siding with Decel/Accel Realism.



Place MAGNET on bottom of engines.



DECEL sensor

To Power Pack TRACK Terminals

To Power Pack ACCESSORIES Terminals

To Turnout

To Track

STOP sensors in PARALLEL

To Right Rail

To Left Rail

LGB 10260 Isolators, 4 required.

- * Stopping distance between 2 and 10 feet.
- * Program time delay to MAXIMUM
- * One train will always be in a siding.
- * 2nd turnout may be powered if desired.
- * Signal light can be added if desired.

Alternate 2 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 2

Description

The Alternating 2 trains at a siding will allow 2 trains to run around the layout. One of them will always be in the siding while the other train will be traveling. The traveling train will enter the empty siding, decelerate, and then fire the turnout to the other leg of the siding. That train will then accelerate and exit the siding.

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 5 and 6 are the STOP sensor. Attach these to the STOP sensors in parallel as shown. When the STOP time is programmed for maximum the StationMaster will self-adjust the deceleration profile as required.

7 and 8 attach to the DC terminals of a power supply. Pin 7 is positive and pin 8 is negative. The voltage can be between 8 and 24 volts DC.

Pins 9 and 10 attach to the YardMaster as shown.

Pin 11 attaches to the right rail of the track. This is the negative rail.

Pin 12 attaches to the YardMaster pin 1, and the common track left rail as shown.

YardMaster:

Terminal 1 attaches to StationMaster pin 12

Terminals 3 and 4 attach to the StationMaster as shown.

Terminals 5 and 6 attach to the AC power source from the transformer. This voltage should be between 12VAC and 20VAC to throw turnouts.

Terminals 15 and 16 attach to the powered turnout. Swap these wires as required. For a powered exit turnout, attach these wires to the exit turnout in parallel with the entry turnout.

Pin 18 attaches to one leg of the siding.

Pin 20 attaches to the other leg of the siding.

A signal light can be connected to pins 11, 12, and 13 if desired. See the YardMaster manual for more information.