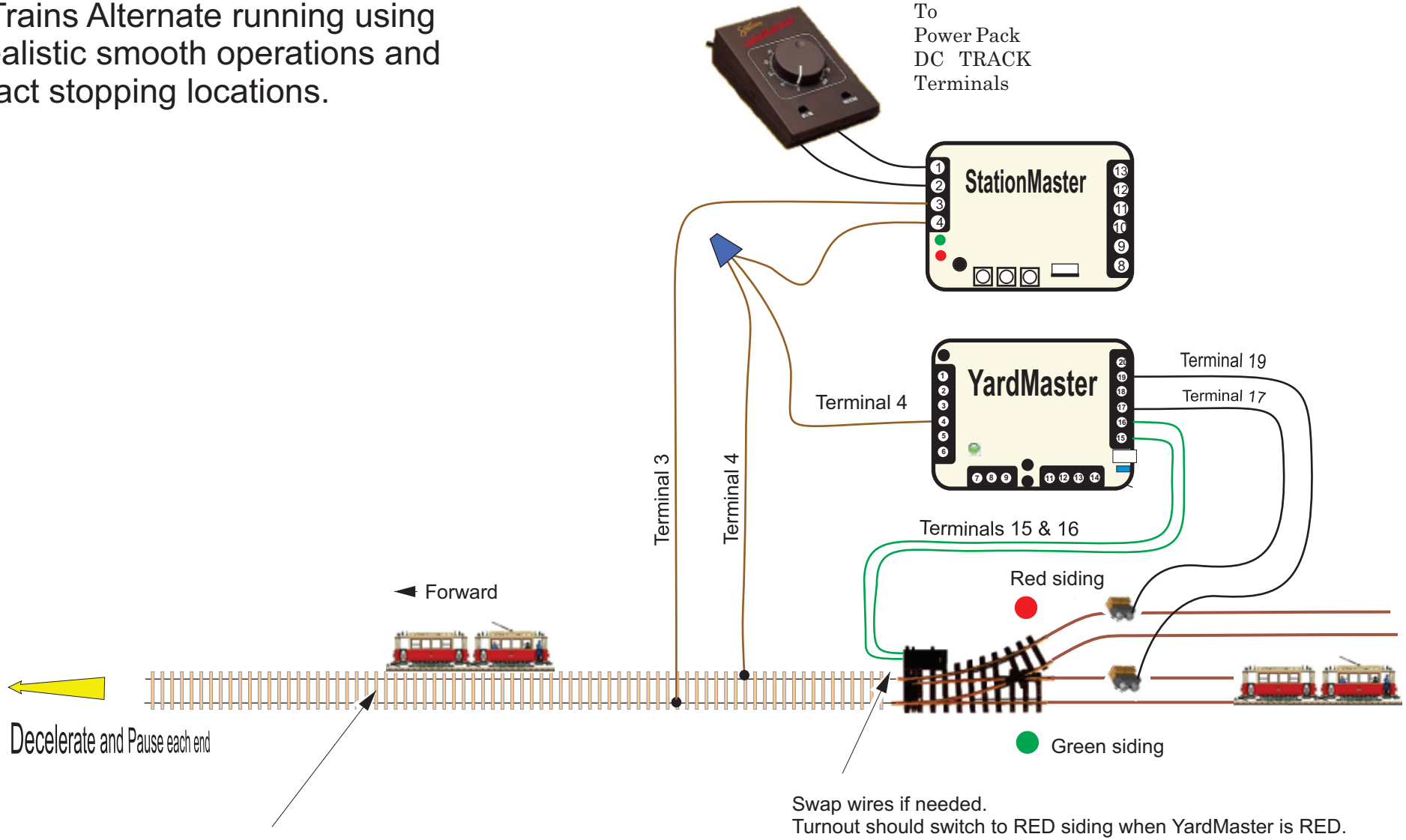
Point to Point Reversing With a Siding on One End

2 Trains Alternate running using
Realistic smooth operations and
exact stopping locations.



The YardMaster will only fire when the train is going “forward”.
If the turnout switches before returning Swap wires in StationMaster pins 3 and 4.

Point to Point Reversing With a Siding on One End

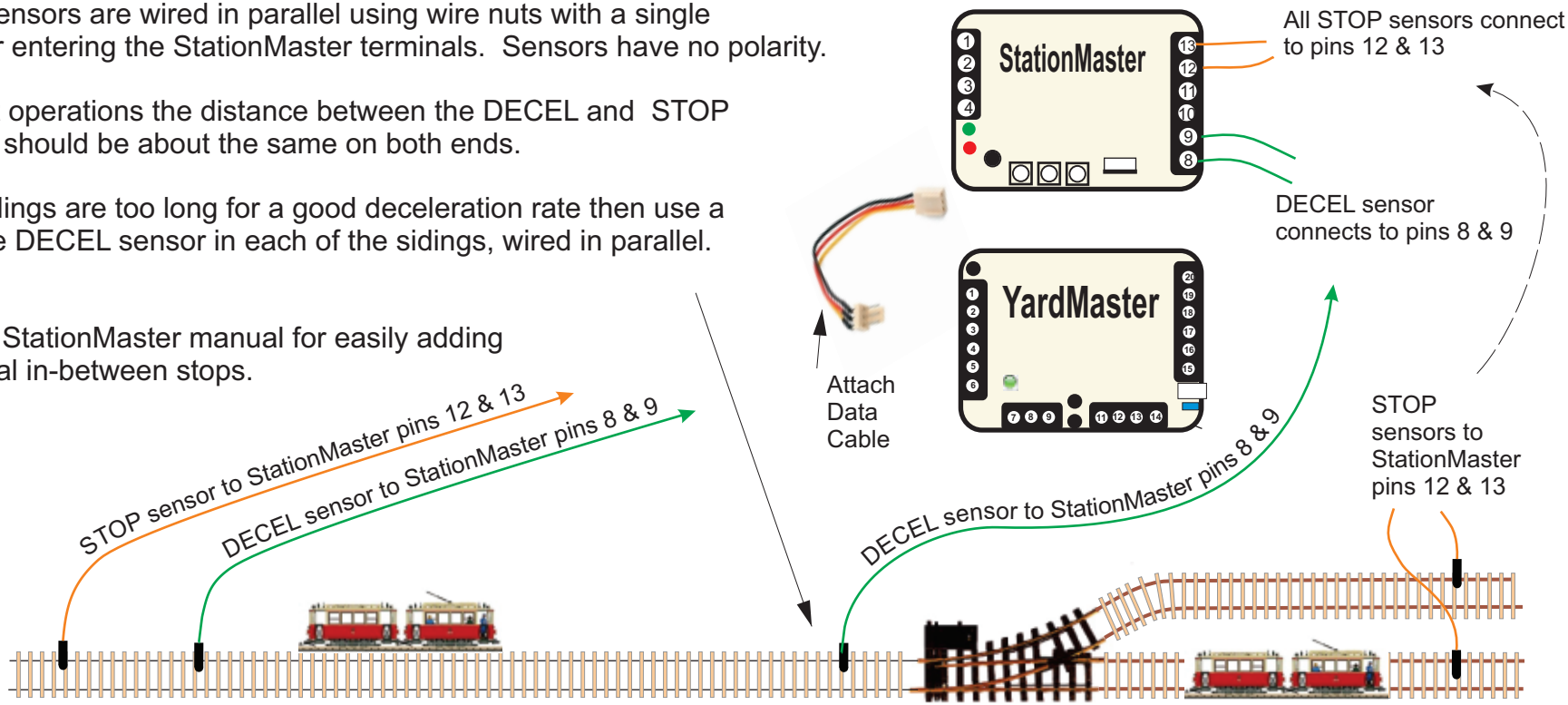
2 Trains Alternate running

Connect STOP and DECEL sensors as shown.
STOP sensors are wired in parallel using wire nuts with a single wire pair entering the StationMaster terminals. Sensors have no polarity.

For best operations the distance between the DECEL and STOP sensors should be about the same on both ends.

If the sidings are too long for a good deceleration rate then use a separate DECEL sensor in each of the sidings, wired in parallel.

See the StationMaster manual for easily adding additional in-between stops.



StationMaster Programming: (See the StationMaster manual for additional details)

1) Program “Reversing Mode” (Features blink 1).
2) Program “Fire YM in forward direction only” (Features blink 6)
3) Program for 2 trains. (Nothing to do, this is a factory default)
4) Program deceleration rate to maximum to enable the self-adjusting deceleration.
   Notice that the trains will overshoot the STOP sensor for the first few times as it learns. Eventually the stopping location will be perfect. This will be stored in memory forever.

First time running check out:

- Power up with no trains. Wait for StationMaster to go green.
- Press StationMaster button #1 once or twice to start deceleration sequence. (red flashing)
- Press button #3 to simulate stop sensor.
- If turnout does not fire repeat above.
- After turnout switches power down and place trains in sidings.
- Power up. If train goes the wrong direction swap StationMaster pins 3 and 4.