Odyssey System operations

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Basically, the Odyssey System is a "cruise control" for your engine. Once the speed is set (see below), your engine will maintain a constant speed, no matter what loads or grades you have on your layout. This digitally controlled system also allows for extremely slow movement that will amaze any "scale" enthusiasts.

Odyssey System operations

Conventional Operation

- Setting Speed Control
  1. Run the engine at the desired speed for approximately 5 seconds.
  2. Press and hold the horn button.
  3. While holding the horn button, increase the track voltage by at least 3 volts (at least 1/4 turn).
  4. Speed control is set. (NOTE: Engine speed will increase slightly then return to set speed.)
- Turning Off Speed Control:
  1. While the engine is in neutral, turn the Controller up to the maximum power, wait 1 second then press and hold the horn button.
  2. While holding the horn button slowly, reduce track voltage to 1/4 the full power.
  3. Release horn.
  4. Cycle the engine to forward/reverse. The engine is now out of speed control mode.

CAUTION: In conventional operation, the smoke unit and lights are connected directly to track power. Do not exceed 14-16 volts for extended periods. Doing so will cause damage to the locomotive.

Command Operation

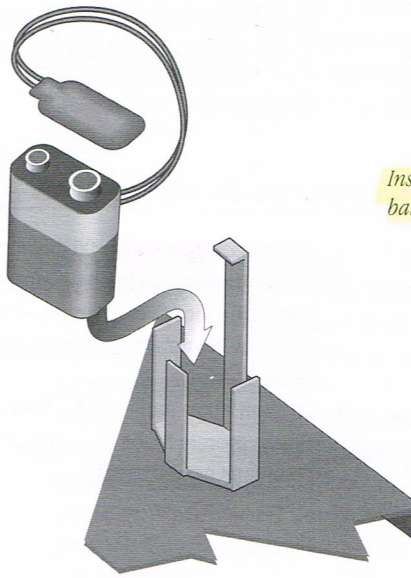
While in the command control environment, the speed control feature of the Odyssey System is always on. When turning the throttle, the speed of the engine will respond to each flash of the command Base. Example: Address the engine, slowly turn the throttle. The first light flash corresponds to the first speed step, this is the slowest speed of the locomotive.

TrainMaster Command op

Your SD-90 RailSounds system—the

Lionel RailSounds is the most realistic model railroad sound system in the world. Your SD-90 features digital samples from real-life diesel locomotives for the *ultimate* in realism.

You may choose to install a 9-volt *alkaline* battery in your SD-90. This ensures interruption free operation of RailSounds. The battery clip is located under the body toward the front of the fuel tank. Remove the engine body, refer to the diagram on page 7 for location of mounting screws.



Note! Please remove protective cover from batte

Note! Although RailSounds is powered by track uninterrupted operation and shutdown se

Note! Discontinue locomotive power *for 10 seco* ON/OFF switch position.

Note! If RailSounds "drops out" during track po replace the battery.