

Holtzman Inc.

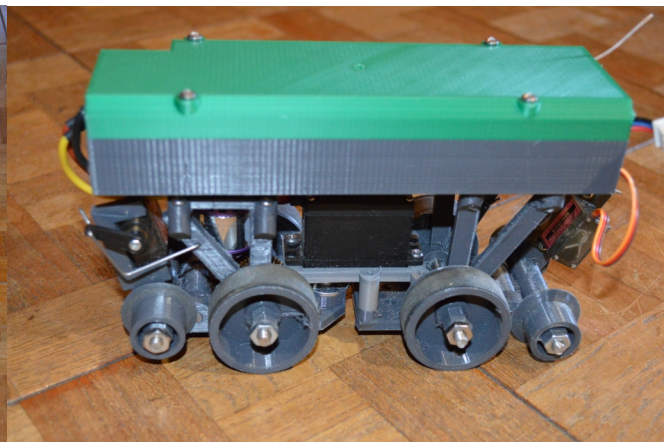
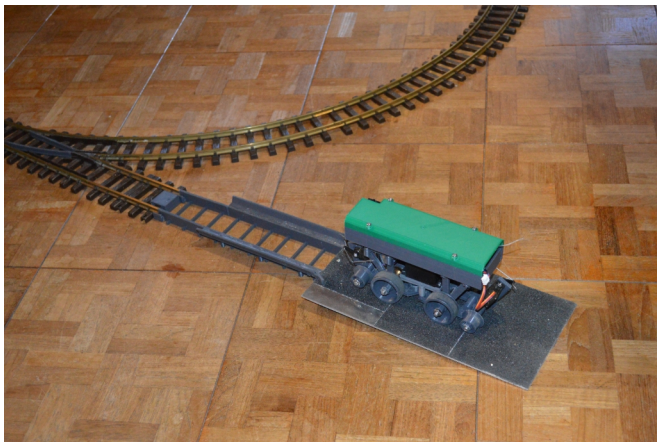
Introducing a new transportation system based on dual-mode road and rail travel. On the rail, vehicles are steered using static switchless rail junctions. On the road, rail wheels are retracted. Vehicles use a section of *transition track* to quickly, easily and safely switch between road and rail travel.

Vehicles can be driven over both roads and rails. While on the rails, the vehicles decide their own routes while passive track switches underneath remain static. Rail vehicles are steerable on both roads and rails.

Intended for use as a full scale transportation system. Also fun for models, toys, racing.

Features

- Enables a Personal Rail System (PRS) that uses both roads and rails. At the end of a rail trip, there is no need to walk home.
- Low rolling resistance on rails results in energy efficient transportation using renewable energy.
- Enables fully autonomous operation using a Traffic Control System.
- Runs on renewable electrical energy. Vehicles can form into trains using “platooning”.
- Compatible with existing rails. Can be used for rail-only operation.



Model LH going onto a *transition rail* for rail travel. Side view of model LH. Road wheels are in the middle.

Model Operation

1. Models may be printed on 3-D printer. Models uses G scale track.
2. Models runs on rechargeable lithium polymer battery.
3. RC controller uses a 3 channel remote control for steering, motor speed and to lower rail wheels.
4. Patents granted and pending. Technology available for licensing. US11,364,940

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