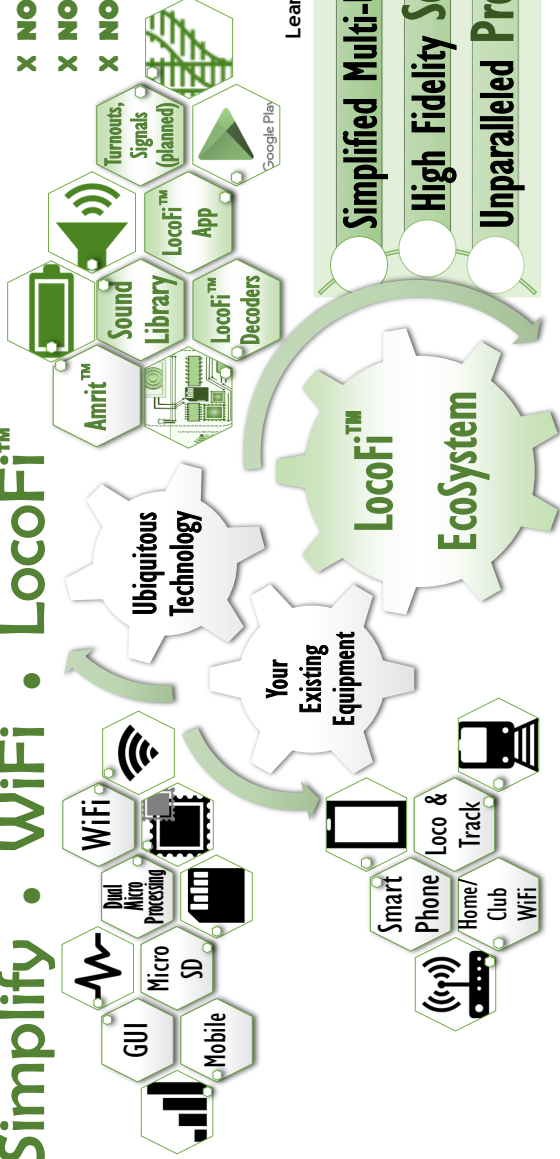


# Simplify • WiFi • LocoFi™



- X **NO** boosters and command stations
- X **NO** additional wiring
- X **NO** proprietary controllers; use your smartphone instead
- X **NO** endless manuals or hours of programming

Learn more at [www.wifimodelrailroad.com](http://www.wifimodelrailroad.com)

**Simplified Multi-User, Multi-Train Control**

**High Fidelity Sound On-Board**

**Unparalleled Prototypical Behavior**

WIFI MODEL RAILROAD LLC  
Driving Innovation in Model Railroading  
W: [www.wifimodelrailroad.com](http://www.wifimodelrailroad.com)  
E: [wifimodelrailroad@gmail.com](mailto:wifimodelrailroad@gmail.com)

Simplify • WiFi • LocoFi™



**Simplify**

**WiFi**

**LocoFi™**

*Technology Brochure*



Learn more at [www.wifimodelrailroad.com](http://www.wifimodelrailroad.com), or scan the QR code above

# LocoFi™

Driving Innovation in Model Railroading

**Simplify**

**WiFi**

**LocoFi™**

We are pioneers in bringing together the cutting edge in electronics miniaturization, WiFi communication and premium onboard sound technologies to make LocoFi™ a reality.

Welcome to the new era of model railroading!

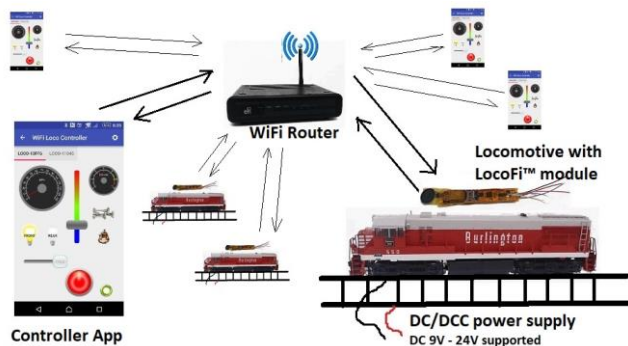




LocoFi™ provides multi-user, multi-train control with onboard sound, using direct WiFi, without involving the track for communication control.

Combined with the FREE LocoFi™ Controller App, model railroaders discovered a simpler and more fun way to run their trains, and voted LocoFi™ as the 2019 Model Railroader Reader's Choice!

### How LocoFi™ Works



### The WiFi Advantage

1. Simplification: Interdependency of power and control signal in DCC, adds complexity to the system
2. WiFi connection is direct. Less wiring.
3. Scalability: WiFi communication is at much higher bandwidths
4. Robustness and Reliability of WiFi
5. 2-way communication: Real time feedback

“... This technology has to be the future of model railroading...”

—Feedback on YouTube

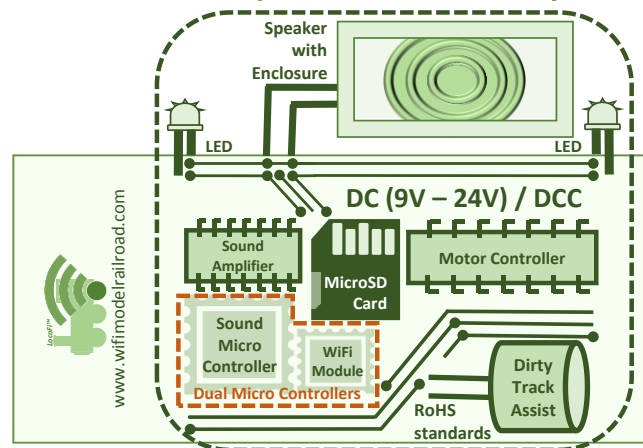
### 3 Ways to Connect



### The LocoFi™ Advantage

1. Easy to use: Graphical in nature.
2. Intuitive
3. Prototypical: Optimized realistic sounds with excellent slow speed operation.
4. User configurable
5. Open standards: Implement your own system.
6. Third party integrations: Anyone can add their own sounds now.
7. OTA ("over the air") updates

### Hardware that Inspires Trust & Reliability



### Key Features

1. Runs on DC (9V – 24V) / DCC
2. Supports home / club WiFi network; Internet not required
3. Dual micro-controller powered architecture
4. Dedicated micro-controller for sound processing
5. Acoustically matched enclosure
6. Sounds on removable MicroSD card are user configurable and customizable
7. Firmware updateable through app over WiFi
8. Prototypical behavior

### Upcoming Features

Modules for steam locomotives, Support for infinite (almost) sounds, consisting, Smartphone iOS app, WiF turnouts, Layout automation ... *and many more!*



### LocoFi™ Controller App: **FREE**

1. Easy setup without any CV programming
2. Run multiple trains simultaneously
3. Monitoring with precision and versatility: Speedometer, Name your locomotive, Know who is running which trains
4. Haptic controls provide throttle feedback without having to look at the screen
5. Prototypical operation