

G-Scale Graphics Control Systems

| Battery Power | RailBoss 4 Plus | RailBoss 4 Basic | Simple Critter Control | Magnetic Critter Control | Enhanced Critter Control |
|---|-------------------------------|-------------------------------|-------------------------------|---------------------------------|---------------------------------|
| Type | Radio Control | Radio Control | Manual | Semi-Automatic | Semi-Automatic |
| Power | Battery or Track ¹ | Battery or Track ¹ | Battery | Battery | Battery |
| Operator Interface | 6-Button Handheld TX | 6-Button Handheld TX | Hand Operated Knob on loco | Hand-Held Magnet | Hand Operated Knob/Button |
| Speed Control | Push Buttons | Push Buttons | External Speed Knob | Circuit Board Adjustment | Knob |
| Reverse Function | Via TX | Via TX | Via optional DPDT switch | Via optional DPDT switch | Button |
| Radio | 2.4GHZ DSSS | 2.4GHZ DSSS | | | |
| Motor Driver | 5 or 10 Amps | 5 or 10 Amps | 5 Amps | 4 Amps | 5 Amps |
| Input Voltage | 7-25 VDC | 7-25 VDC | 7-20 VDC 15-28 VDC | 7-25 VDC | 7-25 VDC |
| Momentum Control (Accel/Decel Rate) | User Programmable | User Programmable | No | Pot Adjustment Accel Only | User Programmable |
| Sound Triggers ³ | 4 | 4 | | | |
| Directional & Constant Lighting | Yes | Yes | | | Yes |
| Phoenix Coupler Control ³ | Yes | No | | | |
| High Current (5 amp) Outputs ³ | 2 | 0 | | | |
| Two Train Operation from one TX | No | No | | | |
| Low Lithium Battery Warning | Yes | No | | | |
| Automated Station Stops | Yes | No | No | Yes | Yes |
| Back 'n Forth Trolley Operation | Yes | No | No | No | Yes |
| Multi-Trains on Same loop | Yes | No | No | No | No |
| Random Track Whistle | Yes | No | | | |

1 Requires a Track Power Adapter to run on track power.

2 Requires separate power supply.

3 Four outputs can be user configured for 4 sound triggers, or 2 sound triggers and 2 Phoenix Remote Un-couplers, or 2 high current latched.

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| Track Power | RailBoss 4 Plus | RailBoss 4 Basic | TrackSide R/C | No Frills Track Throttle | All Purpose Train Control | Back 'n Forth Track Throttle |
|---|-------------------------------|-------------------------------|----------------------|---------------------------------|--|-------------------------------------|
| Type | Radio Control | Radio Control | Radio Control | Manual | Manual/Auto | Automatic |
| Power | Battery or Track ¹ | Battery or Track ¹ | Track ² | Track ² | Track ² | Track ² |
| Operator Interface | 6-Button Handheld TX | 6-Button Handheld TX | 6-Button Handheld TX | Hand Operated Knob & Switch | Hand Operated Knob on loco And buttons | None |
| Speed Control | Push Buttons | Push Buttons | Push Buttons | Knob | Speed Knob | Circuit Board Adjustment |
| Reverse Function | Via TX | Via TX | | Switch | Push button | Automatic |
| Radio | 2.4GHZ DSSS | 2.4GHZ DSSS | 2.4GHZ DSSS | | | |
| Motor Driver | 5 or 10 Amps | 5 or 10 Amps | 10 Amps | 10 Amps | 10 Amps | 5 Amps |
| Input Voltage | 7-25 VDC | 7-25 VDC | 7-25 VDC | 7-28 VDC | 7-25 VDC | 7-25 VDC |
| Momentum Control (Accel/Decel Rate) | User Programmable | User Programmable | User Programmable | No | Yes | Circuit Board Adjustment |
| Sound Triggers ³ | 4 | 4 | | | | |
| Directional & Constant Lighting | Yes | Yes | | | | |
| Phoenix Coupler Control ³ | Yes | No | | | | |
| High Current (5 amp) Outputs ³ | 2 | 0 | | | | |
| Two Train Operation from one TX | No | No | Yes | | | |
| Low Lithium Battery Warning | Yes | No | | | | |
| Automated Station Stops | Yes | No | Yes | No | Yes | No stops midway |
| Back 'n Forth Trolley Operation | Yes | No | Yes | No | Yes | Yes |
| Multi-Trains on Same loop | Yes | No | No | No | No | No |
| Random Track Whistle | Yes | No | | | | |
| Interval Start Timer | | | | | Yes | Yes |
| Interactive Run Timeout | | | | | Yes | |

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 2 Requires separate power supply.