

## G-Scale Graphics Control Systems for Battery Power

<b>Battery Power</b>	<b>RailBoss 4 Plus</b>	<b>RailBoss 4 Basic</b>	<b>Simple Critter Control</b>	<b>Magnetic Critter Control</b>	<b>Enhanced Critter Control</b>
Type	Radio Control	Radio Control	Manual	Semi-Automatic	Semi-Automatic
Power	Battery or Track <sup>1</sup>	Battery or Track <sup>1</sup>	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 Button TX	Push Button TX	External Speed Knob	Circuit Board Adjustment	External Speed Knob/ Button
Reverse Function	Via TX	Via TX	Via optional DPDT switch	Via optional DPDT switch	External Speed Knob/ 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 <sup>3</sup>	4	4			
Directional & Constant Lighting	Yes	Yes			Yes
Phoenix Coupler Control <sup>3</sup>	Yes	No			
High Current (5 amp) Outputs <sup>3</sup>	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.

## G-Scale Graphics Control Systems for Track Power

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 <sup>1</sup>	Battery or Track <sup>1</sup>	Track <sup>2</sup>	Track <sup>2</sup>	Track <sup>2</sup>	Track <sup>2</sup>
Operator Interface	6-Button Handheld TX	6-Button Handheld TX	6-Button Handheld TX	Hand Operated Knob & Switch	Hand Operated Knob & Buttons	None
Speed Control	Push Button TX	Push Button TX	Push Button TX	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 <sup>3</sup>	4	4				
Directional & Constant Lighting	Yes	Yes				
Phoenix Coupler Control <sup>3</sup>	Yes	No				
High Current (5 amp) Outputs <sup>3</sup>	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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