

SOUNDTRAXX Comparison:
Tsunami, Econami & Tsunami2

	Tsunami	Econami	Tsunami2		Tsunami	Econami	Tsunami2
Motor Current (amps)	.75-1	1-2	1-4	Johnson Bar	✓	✓	✓
CV Lock	✓	✓	✓	Coupler	✓	✓	✓
Total Factory CV Resets	✓	✓	✓	Glad Hand Release		✓	✓
Selective Factory CV Resets		✓	✓	Train Line Charge			✓
Supports All Programming Modes	✓	✓	✓	Independent Brake	✓	✓	✓
Max Number of Outputs	6	6	6	Brake Squeal	✓	✓	✓
28-Function Support		✓	✓	Train Brake			✓
NMRA Function Mapping	✓	✓	✓	Emergency Stop ('Big Hole') Sounds		✓	✓
Flex-Map Function Mapping		✓	✓	Sander Valve			✓
Motor Control Features				Fireman Fred Servicing Sounds	✓		✓
2-4 Digit Addressing (w/advanced consist control)	✓	✓	✓	Clickety-Clack (Rail Joints)			✓
14, 28, 128 Speed Steps	✓	✓	✓	"All Aboard!"/Coach Doors		✓	✓
Standard & User Loadable Speed Curves	✓	✓	✓	Cab Chatter			✓
3-Point Speed Curves		✓	✓	Water Stop	✓	✓	✓
Silent Drive	✓	✓	✓	Ash Dump			✓
Back EMF & Back EMF Cut out	✓	✓	✓	Fuel Loading			✓
Switching Mode		✓	✓	Wheel Chains			✓
Variable Momentum	✓	✓	✓	Selectable Fuel Type (coal, oil, wood)			✓
F11 Braking	✓	✓	✓	Diesel Sound Features			
Constant Brake Distance			✓	Prime Mover Selections (max per decoder)	1	5	12
Lights				Airhorns	16	16	40+
Hyperlight Effects	14	20+	20+	Bells	1	7	14
Directionally Configurable Lighting Outputs	✓	✓	✓	Compressor	1	2	4
CV-Adjustable Brightness		✓	✓	Grade-Crossing Airhorn Signal		✓	✓
CV-Adjustable Master Brightness			✓	Low Oil Pressure Alarm Bell			✓
Audio Features				Engine Start, Exhaust, & Shutdown	✓	✓	✓
Primary Mixer	✓	✓	✓	Manual RPM Notching		✓	✓
Alternate Mixer			✓	CV-Adjustable Prime Mover Pitch Shift			✓
High Pass Filter			✓	True Idle	✓		✓
7-Band Equalizer	✓	✓	✓	Straight-to-Eight			✓
Reverb	✓		✓	Straight-to-Idle			✓
Reactive Dynamic Digital Exhaust (DDE)			✓	Dynamic Brake with Braking Rate			✓
CurrentKeeper Support		✓	✓	Poppet Valve	✓	✓	✓
Diagnostic LEDs	✓	✓	✓	Electronic Air Dryer			✓
Steam Sound Features				Radiator Fan	✓	✓	✓
Exhaust Chuff Selections	1	4	10	Coupler	✓	✓	✓
Whistles	5-8	16	90	Glad Hand Release		✓	✓
Bells	1	6	12	Train Line Charge			✓
Airpump	1	4	10	Train Brake			✓
Dynamo	1	4	8	Emergency Stop ('Big Hole') Sounds		✓	✓
Blower	1	1	10	Independent Brake	✓	✓	✓
Power Reverse			✓	Brake Squeal	✓	✓	✓
Grade-Crossing Whistle Signal		✓	✓	Hand Brake			✓
BEMF Auto-chuff (no cam needed)		✓	✓	Sander Valve			✓
2-Cylinder Exhaust Chuff with Articulation	✓	✓	✓	Steam Generator			✓
3-Cylinder Exhaust Chuff		✓	✓	Fireman Ed Servicing Sounds			✓
Rod Clank	✓	✓	✓	Auxiliary Head End Power Generator			✓
Snifter Valve	✓		✓	Clickety-Clack (Rail Joints)			✓
Drifting Effects			✓	"All Aboard!"/Coach Doors		✓	✓
Cylinder Cocks		✓	✓	Cab Chatter			✓
Wheel Slip			✓	Fuel Loading			✓