



Athearn Genesis GE "Slab Side" Gas Turbine

Sound Decoder Function Assignments 2025 Production Run			
Function Key	Default Effect	Function Key	Default Effect
F0	Headlight	F15	Hand Brake
F1	Bell	F16	HEP Mode On/Off
F2	Horn	F17	Fuel Loading Sequence
F3	Short Horn ¹	F18	General Service Sequence
F4	Dynamic Brakes ² or Straight to Idle ³	F19	Straight to Idle
F5	Mars Light	F20	Steam Generator or Aux. HEP Generator On/Off
F6	Number Boards	F21	(Not Used)
F7	Dimmer / Cab Chatter	F22	(Not Used)
F8	Mute	F23	"All Aboard" /Coach Doors (if equipped)
F9	Alternate Mixer (Half Volume)	F24	Classification / Marker Lights
F10	Straight-to-8 7 Sander Valve	F25	(Not Used)
F11	Brake Set/Release ⁴	F26	Engine RPM Notch Up
F12	Brake Select	F27	Engine RPM Notch Down
F13	Couple/Uncouple	F28	(Not Used)
F14	Half Speed & Momentum Override	Emergency Stop	Red Emergency Mars Light (if equipped)

- ¹ - The short horn function can be changed to a grade crossing horn sequence by changing CV 37 to 0. If you would like to re-map the short horn function to another key using SoundTraxx's Flex-Map function mapping, CV 37 must also be set to 0 to prevent the short horn function from being activated with function key 3.
- 2 - On locomotives with Dynamic Brakes.
- 3 - On locomotives without Dynamic Brakes.
- 4 - Functional braking is not enabled by default; to enable, see "Enabling Tsunami2 Braking Rates on your Locomotive" in the manual that came with your model.