

DCC FUNCTION SUMMARY FOR BOWSER ALL-ELECTRIC PCC

Tsunami Sound Equipped PCC Stock numbers between #12601 and #12690

Your Bowser Tsunami-Sound-Equipped (TSE) model PCC car is equipped with the following sounds and effects, most of which are self-explanatory.

Functions 0, 3, 4 and 5 are “latching” functions. This means that one button depression turns the effect on and the next button depression turns the effect off.

Function 1 will release one gong every time the button is depressed.

Function 2 is a momentary function in some command systems. Depress the button for as long as you wish to hear the resilient wheel groan. In other command systems, it is also a latching function similar to the lights above.

Function 6 is the motor-generator (MG) set, which on the prototype car must be running or the car will not operate. When shutting down the car and the MG set sound is running, depress the function 6 button and the MG set will go into a shutdown mode. When starting up the car, depress the function 6 button and the MG set will go into a start-up mode. Of course, modelers may decide to leave the sound on at all times.

Functions 7 and 9 are automatic start-stop sequences controlled by “latching” functions. In both cases when the appropriate button is depressed, the car will decelerate to a stop and the brake lights will illuminate. When the appropriate button is depressed, the brake lights will go out and the car will begin acceleration to the original speed. When **Button 7, Passenger Stop**, is activated, first sound heard is the Passenger Stop Request signal; the car decelerates to a stop and then there is the sound of the doors opening. When the button is depressed again, the brake lights go out; the sound of the doors closing is heard; there are the mandatory two gongs and the car resumes acceleration. **Function 9, Normal Vehicle Stop**, has no sounds at all connected with it.

Function 8 mutes all sounds. It is also a “latching” function.

The individual sounds of doors opening and closing are available at **Function 10** and the Passenger Stop Request Signal is available at **Function 11**. They are both “latching” functions.

Function 0	[Button 0]	Headlights / Dash lights
Function 1	[Button 1]	Gong [Momentary Button]
Function 2	[Button 2]	PCC Super Resilient Wheel Groan
Function 3	[Button 3]	SEPTA (Philadelphia) Subway / TTC (Toronto) Advance Light
Function 4	[Button 4]	SEPTA Emergency Beacon
Function 5	[Button 5]	Interior lights and Destination sign
Function 6	[Button 6]	Motor Generator, MG start-up/shut down
Function 7	[Button 7]	Passenger Stop [With door sounds and gongs
Function 8	[Button 8]	Sound Mute
Function 9	[Button 9]	Normal Vehicle Stop (No sounds)
Function 10	[Button 10]	Doors Opening / Closing
Function 11	[Button 11]	Passenger Stop Request Signal
Function 12	[Button 12]	Blank

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