



Activating Trix GG1 Functions

Many DCC locomotives with sound (including Trix) have expanded beyond the 2-4 functions we found in the early days of Digital Command Control and the NMRA standards. For this reason we are seeing many of the manufacturers increase the number of functions their digital controllers can activate on their newer units.

Digitrax, Lenz and MRC have all included 10-12 function buttons on their recent units. If you want to activate all the functions on locos like the GG1 you will need one of these newer units. The Digitrax DT400 handheld controller when connected to the Zephyr unit and the Lenz LH100, with system 3.5 or later, will both activate all the functions on the Trix GG1.

Trix clustered similar functions together. All digital systems use the first function (F0 or F1) as the headlight. So, all the light functions on the GG1 are found together at:

F0 – headlight

F1 – high beam/low beam

F2 – Cab light

Two digital controllers (Digitrax and NCE) use function 2 as a momentary button to activate horn sounds. This causes the cab light at F2 to only light while the button is held down. Both the Digitrax DT400 hand controller and the Zephyr Unit allow you to change this and make the F2 button a latching action so the light will stay on until you push the button again. Other systems like Bachmann and Atlas make all the function buttons latching buttons so there is no problem activating the cab light at F2. Systems like Lenz “digital Plus and ESU let the user configure all the function buttons however they want making them latching or momentary.

The ESU “LokProgrammer” allows the user to remap the functions in DCC decoders. With this unit the user can put any sound or function activity at the function button of their choice, and, they can make it momentary or latching.