

TECH 6 6.0 Operational Note

Note: There is no actual “Mode” button or switch on the handheld for this product. It is a combination of two button presses to switch between the D.C./Analog mode, [non-decoder equipped locos] and the “Dual” mode, [mini-dcc system mode for all decoder equipped locos, [sound and non-sound].

Press the “Loco” button, and then press the “Shift” button to switch between the two modes of operation.

Please read the instruction manual in full before operating this train control system. When using this product in the “Dual” mode, please remove any non-decoder equipped locos from the layout, as in this mode there is constant A.C. voltage applied to the rails, and this will cause a D.C. motor to heat up and eventually burn out if left on the rails for an extended period of time.

Remember this is a "hybrid" power pack...not really d.c. not really dcc...the throttle itself is like the throttle on a regular d.c. power pack...if you are running a loco at full speed on a regular d.c. power pack, and hit the direction button the loco will run in reverse at full speed, same goes when switching between the modes, [d.c./analog or "dual"/dcc].

you can only run 1 d.c./analog loco at a time [like a regular power pack], when in the dc mode when you are finished running the loco[s] turn the throttle to zero, and remove the loco[s], [locos without decoders should not be on the tracks when running in the dcc mode [or on dcc layout] because in the dcc mode there is constant a.c. voltage on the rails and that will burn out a loco motor without a decoder installed.

***So set throttle to zero when done with dc and remove all non decoder equipped locos.**

Switch mode to ***dcc/dual*** mode....

Your display will show: Loc[with a number]
Loco

For example: Loc4 000
Loco

You can run up to 6 decoder equipped locos on the layout [addresses 1, 2,3,4,5, and 6]...you can set these locos to a desired different speed each, use the recall button to toggle between all the locos and you will see all their speeds remain where you last set them, changing the speed of one loco does not affect the others...when finished running in this mode, use the recall button to toggle to each loco [address] and turn the throttle to zero...if you have 6 decoder equipped locos on the layout you need to toggle to all 6 and shut them down. with all locos set to zero speed either shut down the system if done running or if you want to go back to running non-decoder equipped locos...remove these locos as there is no benefit to running a decoder equipped loco [sound or non-sound] on the d.c. mode because they just do not run good. So when done running in the “***dual***” mode....

- 1-Make sure all addresses are set to zero speed
- 2-Shut down the system if finished running, or
If going back to run non-decoder equipped d.c. locos....
- 3-Remove all decoder equipped locos
- 4-Place a d.c. loco on the layout
- 5-Switch modes..."Loco" button then "Shift" button
- 6-Your display will show: LOCO 000
Loco

Which is the standard mode, and the speed will be zero
Nothing will take off

***Also please note: You can only use the handheld that came with this system and one handheld only during operation...Additional handhelds, MRC item no. 0001203 are for the TECH 6 2.0 only. They have to be modified [at a small fee] by MRC engineers to be used with the TECH 6 6.0 if you desire to have an extra handheld for whatever reason.**