

TOMIX TNOS SYSTEM

Keypad Cheat Sheet (English)

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- 1 Select Layout Plan:** Used to select a Layout Plan number.
Pressing during Automatic Operation displays the number of the current Layout Plan.
- 2 Set Signals:** Temporarily not used at present. [future enhancement]
- 3 Select Pulse Frequency:** Used to change, if desired, the frequency of the motor control pulse.
- 4 Setup:** Used, when needed, to change the address of an ND Hub unit, access Configurations, etc.
- 5 Select Automatic Operation:** Used to select an Automatic Operation sequence.
Pressing during Automatic Operation displays the number of the current Automatic Operation.
- 6 Set Automatic Operation Time:** Optionally used to set a time duration for an Automatic Operation.
Pressing during operation displays the remaining time.
- 7 Set Repetitions:** Optionally used to set a number of repetitions of an Automatic Operation sequence.
Pressing during operation displays the remaining number of repetitions.
- 8 Display Speed:** Returns the Display to the selected train's speed, after displaying remaining Operation Time, Operation Repetitions, etc.
- 9 Select Operating Parameter Set:** Used to assign an Operating Parameter Set (speeds, acceleration rates, etc.) number to the selected train.
To copy a set to all trains in the Automatic Operation sequence, turn the Dial counterclockwise to "All", then press Enter, then select the set to copy.
- 10 Customize Operating Parameters:** Used to edit the individual parameters of a customizable Operating Parameter Set [sets 1 – 10 only].
- 11 Copy Parameter Set:** Can be used to copy one train's chosen Operating Parameter Set to other trains.
- 12 Enter:** Acts like a computer's "Enter" button to confirm and "lock in" a dialed Layout Plan number, Automatic Operation sequence number, parameter, etc., after using the Control Keypad buttons and then the Dial.
- 13 Emergency Stop:** Shuts off power supply to the track, stopping all trains in an emergency during an Automatic Operation.
- 14 Pause:** Temporarily stops the trains where they are, leaving Constant Lighting on.
- 15 End Operation:** Ends an Automatic Operation sequence when its next logical "end state" is reached, cancelling any remaining Automatic Operation Time or Repetitions.
- 16 Run:** Starts the chosen Automatic Operation on the chosen Layout Plan, resumes operation after a Pause, or resumes automatic control of a train's speed after a Manual Intervention of that train's speed control.

Turning the Dial during an operation selects which train's speed indication and signal aspect is being displayed on the Control Unit.

Manual Intervention: Select train number with Dial, press Enter, then control train's speed with Dial. Press Enter to return to Automatic Operation.

This only works under a "Green" signal condition and does not override the "Yellow" speed limit or a required stop.