# TRAK-DTT2

Item #368

The TRAK-DTT2 is equipped with a Double Pole Double Throw (DPDT) relay capable of carrying 5 amperes of current on each pole. One pole is located with the "+" DC input power strip, the other is with the "-" DC input power strip. The TRAK-DTT2 is equipped with two time functions:

DTT2 / TIMER mode (jumper "OFF"). When current flow is sensed in the detection coil, the relay is activated for a time period (user adjustable) and then relaxes. Once current flow has ceased for a few seconds the current needs to flow again and then stop flowing, which completes the cycle. Then the TRAK-DTT2 can then be reactivated. The TRAK-DTT2 will not reset the output until current ceases to flow and then starts again! This means for station stops, merely pull the jumper and connect as shown. Current flows when the stop occurs, stops during the stop time, restarts when power is re-applied to the track, and stops after the locomotive has left the stop zone, thus completing a full cycle. This unit can replace the TRAK-DTT with ballast lamp operation circuitry. This setting is useful when doing timed station stops, automatic time zone operation, etc.

DTA / TIME ADJUSTABLE mode (jumper "ON"). As with the TRAK-DT, when current flow is sensed in the detection coil, the relay is activated. However, with the TRAK-DTT2 in this mode, the relay is held activated for the entire duration until current ceases to flow and then starts again. Then after the second on/off of current flow cycle, the adjustable time period is activated and the output relay will relax according to the time setting.

The EXPANSION CONNECTOR is designed to take the expansion board (Item #555). By connecting the expansion board you double the number of contacts available for block occupancy indications.

N/O - NORMALLY OPEN.....connects to the COMMON ("C") when current is flowing in the sense coil.

C - COMMON.....connects to either the NORMALLY CLOSED or NORMALLY OPEN, depending on the sense coil current.

N/C - NORMALLY CLOSED.....connects to the COMMON ("C") when current is not flowing in the sense coil.

DC input power must come from a regulated 12 volt DC power source (such as our 12VPS #369), any other input can damage the TRAK-DTT2. You MUST connect the "+" and "-" terminals correctly. It is best advised to do your connections before applying any power to either your track or accessories. Improper connections or power source voids any warranty expressed or implied at our discretion.

Each Trak-DTL consumes approximately 5 milliamps at idle, 45 milliamps activated (RED LED on).

DALLEE ELECTRONICS, Inc.
246 W. Main St.
Leola, PA 17540
(717) 661-7041
www.dallee.com

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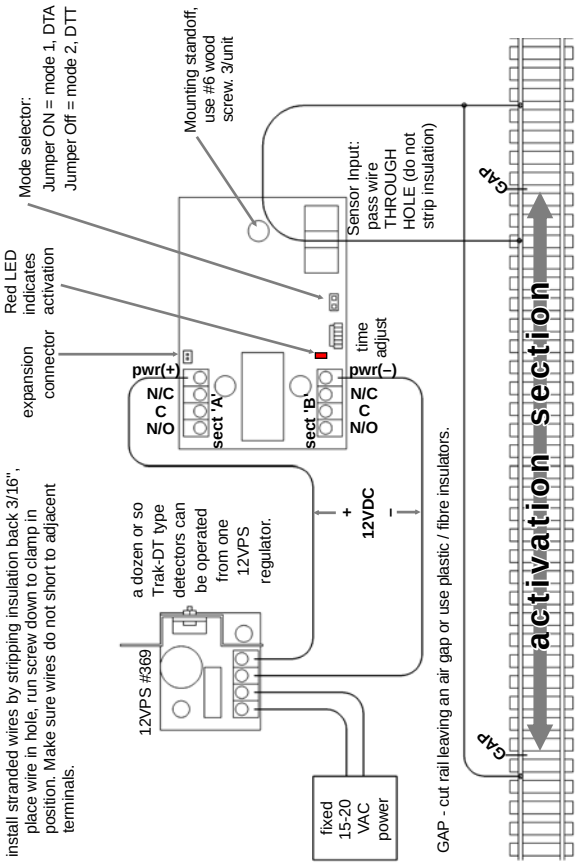


## Timed Station Stops using the TRAK-DTT2