



Traffic Tally 41

INDUCTIVE LOOP, #TT-41

The Traffic Tally 41 is a solid-state inductive loop detector counter for use with loops buried under the roadway. The counter will operate under all field conditions for over one year on one set of batteries.

• **Adjustable time delay:**

To enable a counter to register one count per vehicle, a time delay feature is useful. A properly set time delay will eliminate multiple counts from truck and trailer and still count a vehicle close behind. The TT-41 time delay is user-adjustable from 0.1 to 4 seconds. A delay period light is provided to show length of delay.

• **Liquid crystal counter display**

Eight digit all solid-state counter. Counter is resettable to zero, eliminating the need to subtract the previous reading. Batteries can be changed without losing the count.

• **Battery life**

Eight alkaline "D" cells with life of 18 months or two 6-volt lantern batteries. Voltage operating range 4.5 to 14 volts.

• **110-120v AC** power version is available upon request.

• **Fast automatic tuning**

Loop detector circuitry will tune loops having an inductance of 70 to 500 microhenrys. Tuning is automatic within 20 seconds of pushing detector reset button.

• **Cast aluminum case**

The TT-41 is enclosed in a cast aluminum 8 1/2" x 8" x 5" weather-tight case with lockable cover latch.

• **Standard external connections**

A standard M.S. four-terminal connector is provided for loop input and external output to trip surveillance devices. External trip is via open collector to ground.

• **Instruction manual**

Counter comes with a set of installation, operation and maintenance instructions glued to inside of box lid.

• **Optional time interval recorder**

The TT-41 can be purchased with optional time interval data recording ability. The unit keeps grand total and up to 512 interval records. Record Interval choices are 15 minutes, 1 hour, 6 hours, 1 day, 2, 3, 4, 5, 6, 7, 14, and 30 days.

Specifications

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| SIZE: | 8 1/2" x 8" x 5" (22cm x 20cm x 13cm) |
| CASE: | Cast aluminum, weather-tight. |
| WEIGHT: | 10 lbs. (4.5 kgs) |
| POWER: | 8 alkaline "D" cell batteries or two 6-volt lantern batteries. Battery life about 18 months. 110-120v AC version is available. |
| DISPLAY: | 8-digit solid-state L.C.D. |
| TEMP. RANGE: | -40° F to +160° F (-40° C to 72° C) |
| AUTO TUNING: | Automatic tuning to loops of 70-500 microhenrys. |
| TIME DELAY: | 0.1 to 4 second adjustable time delay. |