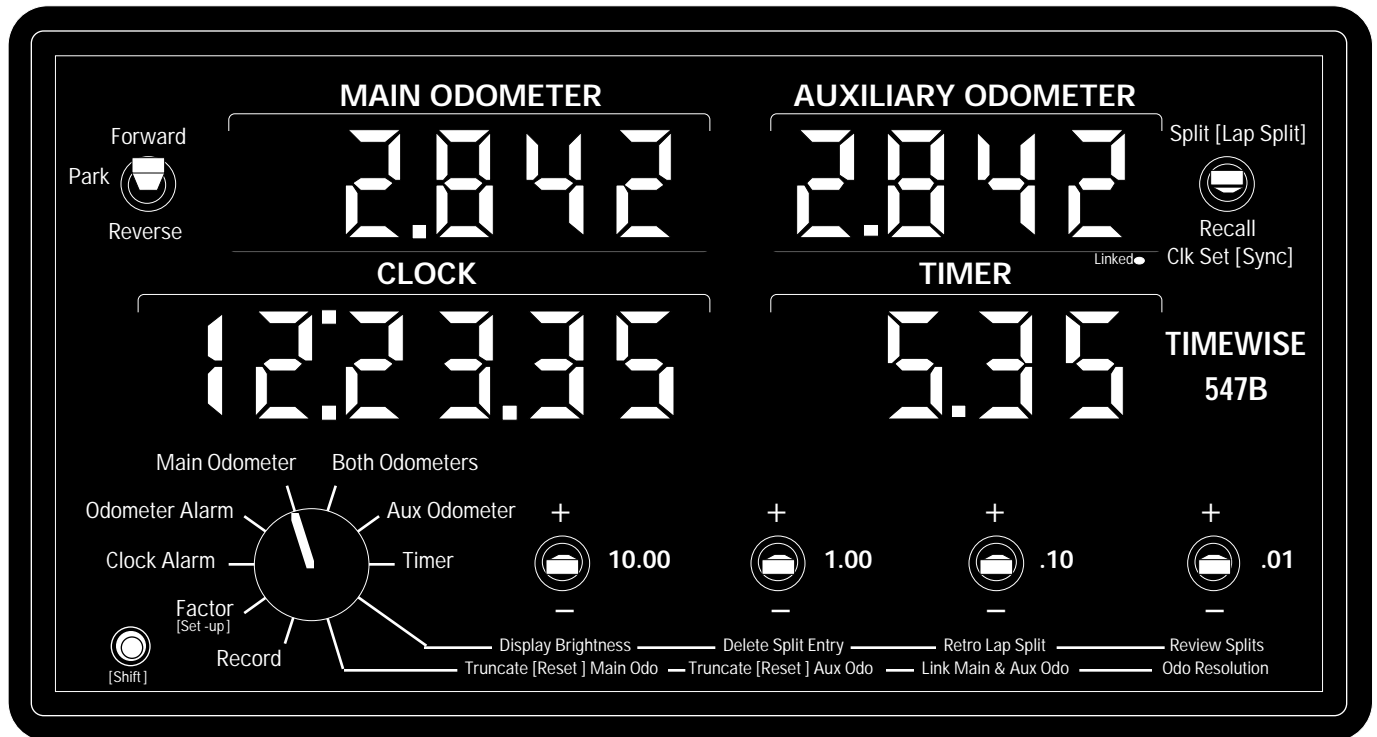


The World's Most Versatile Rally Odometer...

# THE TIMEWISE 547B



At last...a well-built, full-featured rally odometer with time of day clock and incremental timer. Designed with utility in mind, the Timewise 547B fulfills all the requirements for precise distance and time measurement in "B" class rallying.

The 547B is constructed in a handsome enclosure that complements the appearance of any rally vehicle. Its small size and light weight make the 547B easy to install with Velcro strips. A custom programmed, low-power microcomputer eliminates the need for a protruding heat sink. All electrical connections are on one side.

Ultra-bright, 0.6-inch tall, LEDs can be read in full sunlight. Multi-level brightness adjustment allows dimming of the displays for nighttime viewing.

The time of day clock is easily set to any hour, minute and second (or hundredths of minutes). Synchronization to a time standard can be performed at any time. You can alternate between seconds and hundredths after the clock is set. Both the clock and the timer can be viewed in tenths of seconds or thousandths of minutes. Adjustments to the timer can be made at any time. The timer can be hidden if desired, or (in the "Pro" mode) replaced with a display of your true rally speed.

Distance on the main odometer reads to 9999.999 miles (kilometers). For incremental mileages, an independently resettable auxiliary odometer reads to 99.999 miles. Both odometers can be adjusted by thousandths of miles. Adjustments to either odometer can be made at any time, whether or not the 547B is split. Remote inputs are provided for Split, Lap Split, and Clock synchronization.

When working a checkpoint, the 547B can function as a multi-split clock. Up to 250 split times can be saved and reviewed later. All splits, as well as the odometer factor, are battery backed-up for over 25 years.

A six digit odometer correction factor provides versatility and accuracy. The factor can correct mileage to within .002% ( $\pm 0.01$  mile after 500 miles), while still allowing you to double its value should one magnet dislodge from a wheel. The 547B will operate from almost any odometer signal source...even from OEM electronic speedometers. There are two odometer inputs for flexibility and security.

The Timewise 547B is easy to install, highly accurate, and ultra-reliable. Extensive engineering, quality component selection, and careful manufacturing assure continual operation in the harsh environment of a rally vehicle. The 547B is the best rally odometer available.

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## 547B FEATURES

- Dual resettable odometers
  - .1, .01, or .001 odometer resolution
  - Dependent (linked) or independent odometers
  - Odometer truncation
  - Two odometer transducer inputs
  - Twelve hour time of day clock
  - Independent one hour timer
  - Display of true rally speed in place of Timer
  - 0.6" tall, ultra-bright LEDs
  - LED brightness adjustment, including off
  - Six digit adjustable odometer factor(s)
  - Factor(s) retained when power removed
  - Two factors (when operating in "Pro" mode)
  - Forward (on-course); reverse (off-course); park
  - Clock synchronization to Timewise checkpoint clocks any time
  - Hundredths/seconds time selection any time
  - Viewing of .1 sec or .001 minute
  - Adjustments to split or "live" values
  - Split and automatic reset (lap split) of the auxiliary odometer and timer, with concurrent split of main odometer and clock
  - Retroactive lap split to previous split (or undo)
  - "Amount of change" memories for each odometer, and timer...with independent resets
  - Odometer alarm with distance to/after alarm
  - Time of day alarm & time before/since alarm
  - Log of last 250 split values (also functions as multi-split chronometer) - all values retained for 25 years after power removed
  - External activation of normal split or lap split
  - Ergonomic design/compact size
  - Sturdy plastic case
  - Designed for harsh pro-rally environment
  - Power surge protection built-in
  - Optional time of day memory when power off
  - Optional remote display of odometer or true rally speed
- **Two-year warranty (parts and labor)**

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## TECHNICAL SPECIFICATIONS

### Design

CPU type: 8 bit, DS5000FP operating @ 11.0592 MHz  
Memory: Program: 4096 bytes Data: 4224 bytes  
Displays: 0.6" tall, ultra-bright, high efficiency red LEDs

### Displayed Information

Main Odometer: 0.00 to 9999.999 miles (km)  
Auxiliary Odometer: 0.00 to 99.999 miles (km)  
Clock: 12:00.00[0] to 11:59.99[9] (:59[.9])  
Timer: 00.00[0] to 59.99[9] (:59[.9])  
Speed (in place of Timer): 0 to 199 mph (kph)  
Speed (on optional remote): 0.0 to 199.9 mph (kph)  
Factor: 0 to [0.00]999999 mile (km)/pulse

### Accuracy

Odometers:  $\pm 0.01$  mile after 500 miles (km)  
Clock & Timer  $\pm 0.01$  minute after 18 hours (36 hrs. typ.)

### Electrical

Power requirements: 8 – 15 VDC; 850 mamp max.  
Odometer input: 0 – 15 VDC; 0 - 120 Hz (5 volts supplied)  
Fuse: 1.5 amp; type 3AG or equivalent

### Environmental

Storage temperature:  $-30^{\circ}\text{C}$  to  $75^{\circ}\text{C}$   
Operating temperature:  $-40^{\circ}\text{C}$  to  $45^{\circ}\text{C}$   
Humidity: 90%, non-condensing

### Physical

Enclosure: High Temperature ABS plastic  
Front panel: Scratch protected polycarbonate  
Size: 7.5" W x 4.0" H x 1.75" D  
Weight: Approximately 14 oz.

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*Model 547B Dual Odometer, Timer, and Clock.....*  
*Option 547B/1 Battery backed time of day memory (real time clock).....*  
*Option 547B/2 Built-in odometer input pulse divider.....*  
*Model 217-15 Magnet sensor (to sense magnets on wheel or shaft) with 15 ft cable and modular plug.....*  
*Model 1001-547B Manual for 547B (applicable toward purchase of 547B).....*

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## TIMEWISE

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Specifications and prices subject to change