

Instruction Manual for Fast-Tach



www.Fast-Measure.com



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FastMeasure Warranty

KTP Enterprises, Inc. (herein "Seller") warrants to the original purchaser (herein "Buyer") that, if any product or part of the product (herein "part") proves to be defective in material or workmanship, upon inspection and examination by Seller, within one (1) year from the original date-of-purchase, and is returned to Seller with dated proof-of-purchase, transportation prepaid, within thirty (30) days after such defect is discovered, Seller will, at their option and sole discretion, either repair or replace said part, except that the warranty for expendable parts, including but not limited to, light bulbs and batteries shall be thirty (30) days from the original date-of-purchase. Said warranty is valid only when the part has been installed, operated and maintained in strict accordance with the procedures outlined in the manual. Any damage or failure to said part resulting from abuse, misuse, neglect, accidental or improper installation or maintenance, unauthorized modification, use with other products or attributable to acts of God, as determined solely by the Seller, will void the warranty. Said part will not be considered defective if it substantially fulfills the performance specification. Buyer shall be responsible for all maintenance services, if any, all in strict accordance with the procedures outlined in the manual. The warranty does not include labor, installation, replacement parts or repairs, delivery of replacement parts or repairs or time and travel. Said warranty is non-transferrable.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY, FITNESS FOR PURPOSE AND OF ANY OTHER TYPE, WHETHER EXPRESS OR IMPLIED. The Seller's liability, whether in contract, in tort, under any warranty, in negligence or otherwise, shall not exceed the return of the amount of the purchase price paid by the Buyer, and under no circumstance shall the Seller be liable for special, indirect or consequential damages. Seller neither assumes nor authorizes anyone to assume for it any other obligation or liability in connection with said part. No action, regardless of form, arising out of the transactions under this agreement may be brought by the Buyer more than one (1) year after the cause of action has occurred.

Units under warranty should be sent prepaid, with dated proof-of-purchase, and a brief description of the problem to the address below:

**KTP Enterprises, Inc.
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Parts and Hardware

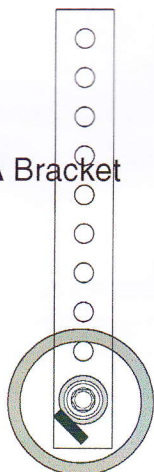


Velcro

Velcro



A Bracket

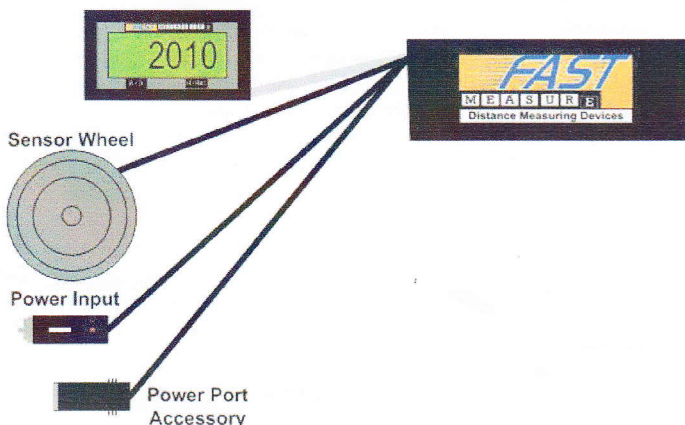


B Brackets



Electrical Installation

Plug **FastMeasure** into 12 volt power outlet, use accessory port for low draw items only.

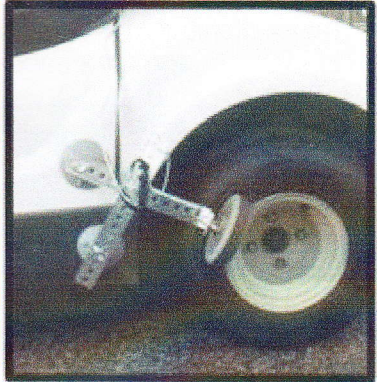
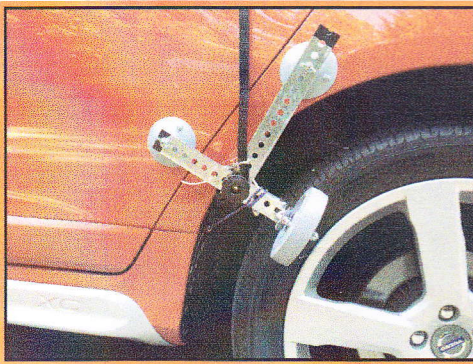


Notice

If **FastMeasure** display is going to be used outdoors the meter must be sealed in the enclosure. To seal, pinch the sides of the enclosure and pull the meter out, dispose of gasket, use silicone where cable comes in and around the meter where it meets the enclosure. Clamp or rubber band to hold in place until silicone is cured.

Fast-Tach Hook-up

- 1) Run wire and safety strap through the door jam or window prior to placing suction cups to vehicle.
- 2) Clean the body panel with a damp cloth so suction cups will adhere to vehicle.
- 3) Stick the suction cup of the A bracket to the fender; bend bracket so pulse wheel will ride square against sidewall of the vehicle tire.
- 4) Use a bolt and wing nut to connect the A bracket and the B bracket together.
- 5) Attach the B bracket to the fender to support the A bracket; bend if necessary. Use the additional B bracket to extend either of the brackets as needed.
- 6) If necessary, use a bungee cord to keep tension on pulse wheel. Only slight tension is required on the bungee cord to keep the pulse wheel riding against the sidewall of the vehicle tire.



- 7) To remove the suction cups pull up on the release tab.

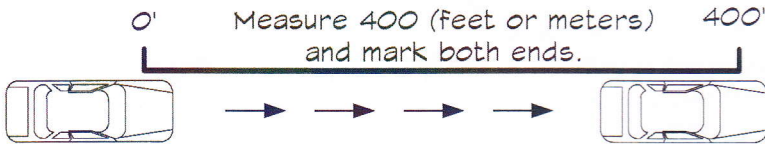
If you are not measuring remove pulse wheel from vehicle. Your Fast-Tach will be most accurate in the direction that it was calibrated; if you are backing up, the distance might be slightly off due to the pulse wheel being able to move on the shaft bushing.

Calibration

The easiest way to calibrate your **FastMeasure** is to find a quiet road or empty parking lot.

Paint a start and stop line. Start at one end and paint a mark that represents zero using a tape measure or measuring wheel paint a line 400 feet or 120 meters away.

Be sure it is a straight line.



Programming –

With your vehicle at the zero line press the **S – D** so the meter displays d ?.?, then press and hold the **H - RST** button for 2 seconds to clear the meter. The meter will now read d 0.0.

Drive to the 400 foot or 120 meter line and stop.

Simultaneously press and hold both buttons in for 10 seconds the meter will now be in the programming mode and read P 000000.0, release both buttons at the same time. Using the right button move to the next zero to the right and the left button to change the number, change the meter to read P 000400.0 or the distance you drove.

Continue scrolling to the right, the 2nd programming screen will appear and read P 60 (default) for speed in miles per hour or you can change it to P 100 for kilometers per hour (distance above must be entered in meters) or P 1 for feet per minute. Press the left button to select. Press the right button again to take you out of programming. Now test your FastMeasure by driving the same 400 feet or 120 meters.

Buttons

The buttons on the front of your FastMeasure do the following

S – D tap to toggle between

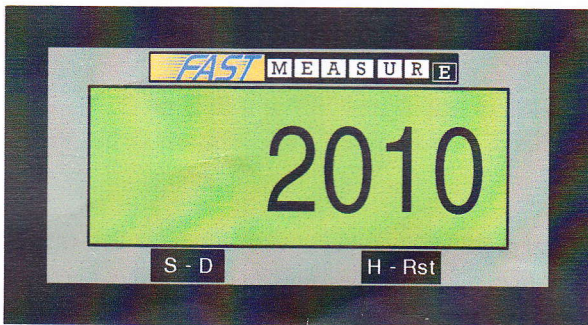
S for Speed (MPH, FPM and KPH)

D for Distance

H – Rst

H for Hold Tap the button briefly to hold and unhold the count. Do not leave in hold for extended periods of time.

Rst for Reset – Press and hold the reset button for 2 seconds to reset to zero. If you continue to hold the **H – Rst** while driving the meter will remain at 0 for measuring on the fly.



Using your FastMeasure

To measure stop the vehicle where you want to start your measurement press and hold the **H – Rst** for 2 seconds to reset the meter to zero, drive the across the area to be measured. When you get to the end of the area being measured tap the **H – Rst** button to hold the measure, read the display and write the number down.

While moving if you press and hold the **H – Rst** button for 2 seconds it will reset to zero and hold their until you release the button. This is great for measuring on the fly such as bridge decks, sign spacing, fencing or striping. If you drive into a parking lot you do not have to stop to start measuring.

YOUR **FASTMEASURE** SHOULD NOT BE USED IN TRAFFIC WHILE DRIVING ON OPEN ROADS.
LOOK BEFORE BACKING AND DRIVE SAFELY.

Notes -

Faded Display – The battery will need to be replaced soon. Typically the battery will last about 4 to 5 years.

When the meter is not in use leave it in S or D
NOT IFLASHING HOLD, if left in hold it will drain the battery.

SERVICE – If the service message comes on the unit will need to be sent back for recalibration.

The display is always on, it does not turn on and off with the key switch. This is normal.

DO NOT INSTALL IN A POSITION THAT OBSTRUCTS THE VIEW OF THE ROAD.

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