

EASY TRIP OPERATING INSTRUCTIONS

SWITCH ON/OFF: Switch off is automatic after 4 minutes without any impulse received from sensor or keys.

Switch on is automatic when the computer receives an impulse from the sensor (car moving) or when you press any key.

Computer keeps the values which were in memory before automatic switch off: calibration factor, distances, time.

Switch off computer manually **only** if you do not use it for several days or in case of lock up:

Values are kept in the memory only with automatical switch off.

Upper display: shows TOTAL pressing on  or SPEED pressing on 

Lower display: shows PARTIAL pressing on  or CHRONO: pressing on 

CALIBRATION factor pressing  and the modifications which are shown here

waiting to be confirmed in a function: TOTAL, PARTIAL, CHRONO, CALIBRATION or cleared by DEL.

Calibration: if unknown, calculate the CAL factor as below:

1. Put the vehicle at the start of an unknown distance (milestone), press   :
the lower display shows P9999
2. Reset the TOTAL, press  then  (less than 4 seconds between the 2 presses)
3. Drive the distance, and stop the vehicle (at the milestone); notice or write the shown value.
4. calculate: $\frac{\text{known distance meters only} \times 1000}{\text{Value on display}} = C$ (cal.factor)
5. Round C : ex. 419,8376543 keep **420**, for 3151,2654985 keep **3151**

Enter cal. factor: for ex. 420,21345 press:     , the lower display shows P420, EASY TRIP is calibrated.

Increasing factor = increases distance (ex.P 422)

Reducing factor = reduces distance (ex. P418)

Count up, count down, stop or delete

TOTAL to count up: Same for PARTIAL or CHRONO

TOTAL to **count down**: Same for PARTIAL or CHRONO

To stop TOTAL: Same for PARTIAL or CHRONO

To reset TOTAL: **less than 4 seconds between the 2 presses.** Same for PARTIAL or CHRONO.

To reset PARTIAL: or **press on the switch of remote control.**

To add or subtract distance

Add 500 meters IN TOTAL: Same for PARTIAL

Subtract 350 meters in TOTAL : Same for PARTIAL

To replace a distance

At a point of the Road-book (house, cross-junction, GPS point), the distance should be 153,89 Km

Press which is shown in the lower display, and at this point press : the mileage in TOTAL is replaced.

To calculate the checking time: Start time 9h35, target time 45 mn.

Press then , time shown: 10h20

To display the instant speed

Press on . To return to TOTAL press on

Brightness of display:

By pressing on , 4 different steps of brightness.

Thread description:

wire/connector	number	COLOUR
+12 volts	1	red
Mass	7	black
Impulsions	4	coaxial: central wire braids to the ground
DEL1	5	remote reset of partial, linked to remote button

Sensors

Car equipped with electronic tachymeter: you just have to connect on the two conductor wires connected to the sensor of the gear-box (on the sensor itself or on the connector of the conductor wires behind the radio on MITSUBISHI for example).

Cars without electronic tachymeter: you must use an extra sensor not supplied:

Taxi type to fit on the tachymeter cable

Proximity sensor, in this case, it is **very important** to respect the distance given by the manufacturer for his sensors

EASY TRIP ACCEPT N.P.N. sensors.

To use P.N.P sensors you must use a resistance (approximately 5 KOhms) connecting it between **+ of wire conductor** of EASY TRIP (middle conductor wire) and **– (ground of the same wire conductor)**.

Recommended sensor: OMRON NPN ref. E2A-M12KN08-WP-C1.

For the connection of OMRON sensor:

- The brown is the supply + 12V
- The black is to be connected to the coaxial of EasyTrip (sensor signal)
- the blue is the mass to be connected to the outside blaid of the coaxial.

When a metallic object positions in front of the sensor, she has to be illuminated (white plastic of exit cable) in orange colour.