

Set Up & Operating Instructions for the Survmaster 1 Odometers

Wiring:

- If you are fitting this unit with any sensor other than the **CANBUS Interface (BR57) + CANBUS Plug Kit (BR45)** please follow the wiring instructions below:
- Connect up to the vehicles power supply as directed by the label on the black power lead coming out of the base of the odometer or Plug Kit (BR43). This is normally BROWN to +12V and GREEN/YELLOW to -12V.
- Connect straight to the vehicles battery posts **via a 2 Amp fuse** (Not Provided) on the live (+12V) wire.
- The BLUE wire, if present, is not used.
- The Sensor is connected to the grey cable coming out of the base of the odometer or Plug Kit (BR43) as directed by the separate sensor instruction sheet showing how to wire the exact type of sensor you have chosen.



BRSM1PK

Calibration:

- The meter is calibrated to be accurate on any vehicle fitted with any type of Brantz sensor and using any wheel size or gearing by means of the three push-wheel switches marked 'CALIBRATION'.
- If the meter is to measure in hundredths of a Kilometre/Mile the push-wheel switch needs first to be set to 000.
- At the start of an accurately measured Kilometre/Mile, press the Zero button to ensure the counter reads 0.000
- Drive the measured distance and stop accurately at the end of the distance – Note the figure that comes up on the readout. **(This is the Calibration Figure for this particular vehicle)**
- Enter this figure into the calibration push-wheel switches on the front of the odometer. e.g. If the readout is 0.567 set the push-wheel switches to 567. N.B. If the readout is greater than 0.999 a **Pre-Scaling Interface (BR5)/Dividing Pre-Scaler (BR5-2A)** is required – please contact us on 0044 (0) 1625 669366.
- The accuracy can be confirmed by re-running the measured distance after zeroing the readout, the meter should read exactly 1.000
- If several wheel sizes and gearings are available for the vehicle; repeat the calibration procedure for each combination and note down the different calibration figures.

Use/Controls:

- The odometer is switched on by use of the switch on the base of the odometer.
- When the switch is moved from position '0' to the 'I' position the meters digits will light up. N.B. A battery charger is not a suitable power source to test the odometer.
- The red push-button on the front of the odometer marked 'ZERO' when pressed zero's the readout.
- The small toggle switch on the front of the odometer marked 'Count +'/ 'Count -' allows the odometer to count upwards or downwards.
- For Long Distance events the decimal place can be shifted from 0.000 to 00.00, by the following method:
 - With the odometer OFF; hold down the Red Zero button and switch the odometer ON.
 - The odometer will return to it's default 0.000 when the unit is switched Off and On again.