

Overview

The Brantz Speedtable allows competitors to maintain a very accurate average speed attainment.

Features include:

- Average speed attainment when used in conjunction with a Brantz Tripmeter
- Audible beep at 10Ms, 100M's or 1Km – *model dependant (S Button)*
- Back-Lighting (L Button) (See available modifications below)
- Marshalling Clock Included
- Battery Powered – *so no connection to the car is required (Battery Supplied).*

Speedtable Use:

- Switch the unit on via the slide switch located under the battery cover.
- The **L** Button, whilst depressed illuminates the display.
- The **S** Button, selects the audible beep:
 - **Model A9**
 - press once for **beeps every 100M/10th's of a Mile** (Indicated by - 3 decimal points – bottom one flashing)
 - press again for **beeps every 1km/1Mile** (Indicated By - 3 decimal points with top 2 and bottom 1 flashing alternately)
 - press again for **no beeps** (Default Indicated By – Single flashing decimal point)
 - **Model A5 (This Model)**
 - press once for beeps every **10M/100th's of a Mile**
 - press again for beeps every **100M/10th's of a Mile**
 - press again for **no beeps**
- Set the Push-Wheel Calibration switches to the desired average speed to 1 decimal place e.g. **0352 = 35.2 mph or kph**. (See available modifications below)
- Pressing the **Z** Button zero's the readout and enters the set speed into the calculation.
- If you now keep the vehicle at a speed where the tripmeter and the Speedtable figures match you will be achieving the average speed programmed into the Speedtable.
 - If the tripmeter readout is lower than the Speedtable – Increase your speed until the figures match.
 - If the tripmeter readout is higher than the Speedtable – Decrease your speed until the figures match.
- Pressing the **R** Button enters the desired speed from the Push-Wheel Switches without zeroing the read-out. This enables a speed change to be achieved without zeroing the tripmeter.
 - Pre-enter the new speed onto the Push-Wheel switches and press **R** at the point where the new speed starts. The new speed calculations will commence from that point.
- Pressing the **M** Button allows an average speed to be applied RETROSPECTIVEY (e.g. from the previous control).
 - If, after reaching a control, the timing Marshal advises that a new average speed should be used retrospectively, then enter the new average speed on the Push-wheel Switches and momentarily press the **M** Button. A new target tripmeter reading will appear in the display, calculated from the last time either **R, Z or M** was pressed.
- The Speedtable works as effectively a timer:
 - Used on 0360 it counts seconds, Used on 3600 it counts seconds to 1 decimal place
 - Used on 0006 it counts minutes, Used on 0600 it counts minutes to 2 decimal places
 - Used on 0001 it counts hours to 1 decimal place, Used on 0010 it counts hours to 2 decimal places

Marshalling Clock Use:

The Marshalling Clock features Hours, Minutes, Seconds and Hundreds of a Second. Its primary function is to hold the time of day for logging purposes when a competitor completes a stage of the competition, then restore the current time of day after the competitor's time has been recorded.

- To initialize the Marshalling clock;
 - Whilst holding down the **H** Button switch on the unit. The words 'not Set' appear on the screen.
 - Hold down the **H** Button and momentarily press the **M** Button, then release the **H** button to set the time (Hours:Minutes) in 24Hr format.
 - The **R** Button will swap screens showing (**Hours : Minutes**) or (**Seconds . Hundredths of a Second**) – The difference can be determined by the colon vs single decimal place. This works in both the setting mode and standard mode.
 - The flashing pair of digits can be incremented by repeated pressing of the **S** Button, or can be zeroed with the **Z** Button. The **H** Button will swap between the pairs of digits.
 - When the time has been set hold down the **H** Button and momentarily press the **R** Button, then release the **H** Button to exit the setting mode. *To prevent the time being inadvertently altered in the field; once the time setting mode has been exited, it cannot be reset unless the whole clock is powered down for a few seconds.*
- The **R** Button toggles between (Hours : Minutes) and (Seconds . Hundredths of a Second) being displayed. The Marshal can use this button at any time without affecting anything else.
- Press the **S** Button when the competitor enters the timed point. This freezes the screen with competitor's time and also puts this into the memory, replacing any previously remembered time. Pressing the **R** button at this point will display the whole of the frozen time alternating between Hr:Mins or Secs.HundS.
- Pressing the **Z** Button restores the screen to the present time of day.
- Pressing the **M** Button will recall the last remembered time to the screen and again **Z** will restore the current time.

Factory Modifications:

These modifications are available from Brantz either as a Special Pre-Order request or as an after market Retro-fit.

- An Average Speed Accuracy of 2 decimal places e.g. **3525 = 35.25 mph or kph**
- External Power ON/OFF Switch – 1 slide switch
- External Light Continuous ON/OFF Switch – 1 slide switch
- External Power & Continuous Light ON/OFF Switch – 1 slide switch
- External Power & External Light ON/OFF Switch – 2 slide switches

For more information on these modifications or any other questions you have regarding Brantz Products – Please phone: 0044 (0) 1625 669366 or email: sales@brantz.co.uk