

ADDITIONAL INSTRUCTIONS FOR OF HANHART DELTA E200 CHRONOMETER WITH PRIMATIST PRESSOSTAT

PRELIMINARY REMARK

The instructions for correct use of the DELTA E200 chronometer, originally issued by the manufacturer are extremely detailed. The following notes summarize and simplify the original version focusing on the specific functions connected with recording and memorizing of transit and lap times in conjunction with our Primatist pressostat and T1 bipolar wire.

INSTALLATION OF THE TIME RECORDING KIT

- A. Secure the pressostat to the ground by the two steel nails. Strain the tube until an extra extension of 5-10 cm. from the original length is reached to obtain the suitable tension.
- B. Connect the external plugs of the chronometer to the bipolar wire observing the correct polarity. During connecting operations the chronometer may start or show a time. Connect, then, the two plugs to the pressostat and place the chronometer on a tripod or a stool to be visible by the driver from inside the car.

SIMULATION OF TIME CHECK-POINTS (HUNDREDS OF SECONDS)

- A. Reset the chronometer pressing the red and grey key simultaneously.
- B. Press the red key many times until the symbol "TIME" appears in the central row of the display.
- C. To set the time, press the blue key until the symbol "SET" appears. Press the black key to set HOURS (by tens) as many times as necessary. Press the blue key again to set UNITS and so on for tens of minutes and for minutes. The minute to be set is the coming one. Manual start can be obtained by pressing the red key. The set time is the reference one, not yet the official one.
- D. Connect the chronometer (already connected to the T1 bipolar wire) to a synchronizing device by the twin plugs of the pressostat or the plug holes of the T1 bipolar wire. Press the black and grey keys simultaneously: the chronometer is being started by the synchronizing device in the following (coming) minute. The manual time is shown in the upper area of the display and the electrical time (strictly exact) in the lower area. If the synchronizing device is not available, electrically connect your sound chronometer to the Hanhart chronometer and, after having pressed the black and grey keys, closecircuit the two external plugs of the chronometer (the black with the red one) to start both chronometers simultaneously. At every pressure (made by the car tires on the tube) the effective transit time is recorded in the lower area of the Hanhart Delta E100 display whereas intermediate time (lap time) is shown in the upper area and, on the right side, the numerical progressive sequence of the transit times. To review the sequence of the memorized transit times press the blue key several times.

SIMULATION OF ABILITY TRIALS (THEORETICAL STARTING TIME)

Follow the same procedure outlined above for time check-points (hundreds of seconds). The first significant data is the effective transit time to be compared with the theoretical time (theoretical start time + lap time). The following times will be the lap times which will appear in the upper area of the display pressing the blue key.

SIMULATION OF ABILITY TRIALS (SELF-STARTING TIME)

The above is the most recurring situation in the "regularity" car racing (similar to 1000 MIGLIA).

1. Reset the chronometer by pressing the grey and red keys simultaneously.
2. Press the red key until the symbol LAP appears (if not yet appeared) in the central part of the display. The recording station is ready.

At the first transit the chronometer is activated and starts recording in sequence all the intermediate times which can be easily visualized in the upper part of the display pressing the blue key.

A sequential number shown by the symbol LAP highlights to which specific transit the recorded time is referred to. The first 64 transit times measured + the last one can be stored in memory.

HAVE FUN!