



**TAG**Heuer  
by  
*Chrono*elec

**OLED Messenger**

**User Manual**

Version 05 / 2010



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## 1. Introduction

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The OLED Messenger is a unique on-board data acquisition display; it is the answer to many race tracks safety requests, usually regulated by the timekeeping teams and delegates.

Tested with the support of the French Federation of Motor racing (FFSA), the OLED Messenger represents a stunning technological breakthrough. At its heart it is an advanced integrated electronic system, encased in a polyurethane packaging boasting a 2,8" new generation full colour graphic display . The name OLED Messenger derives from the technical features of the screen, which ensures distinct clarity.

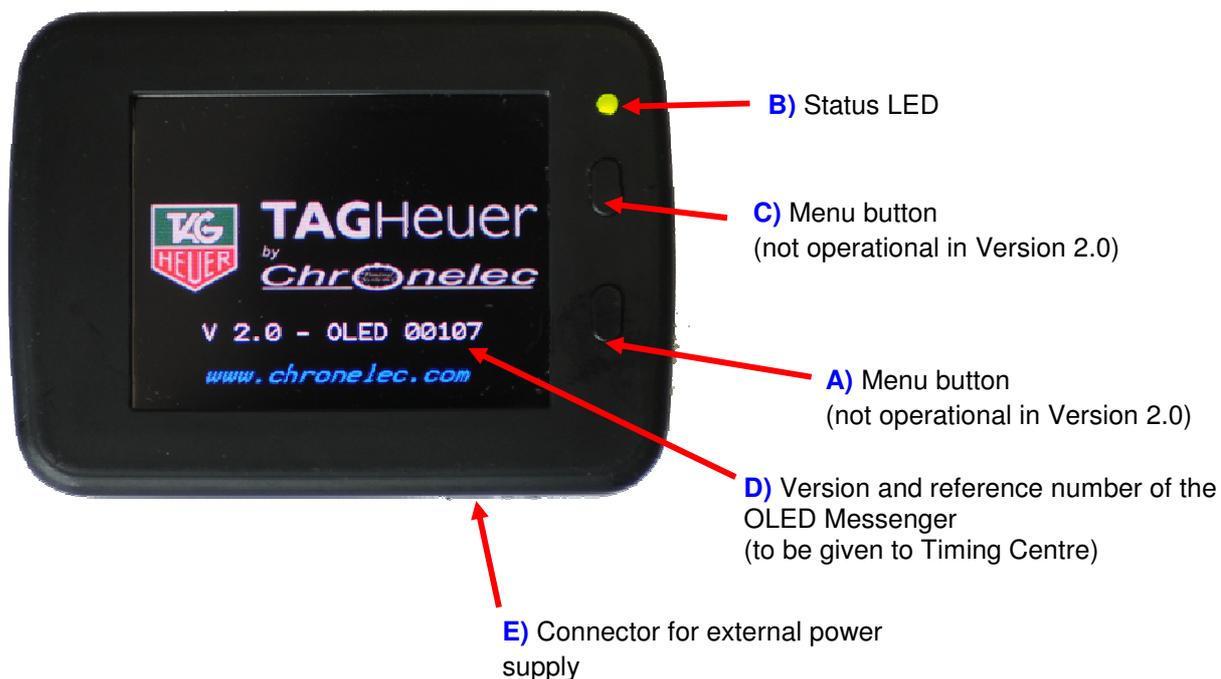
This unique device pays tribute to the opportunity for to drivers to receive texts and safety messages on board the vehicle. It also receives all official race information in real time which is disseminated to all or selected competition vehicles.

Controlled by the Timing centre, the OLED Messenger will display - in real time, custom safety messages and all official lap - and sector times, including race positions and gaps with the drivers position in front and behind.

## 2. Operation guide

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### 2.1. Getting to know your OLED messenger



### 2.2. Switch ON

=> Press button **(A)**

=> Status LED **(B)** lights green.

= > **TAG Heuer By Chronolec** logo is displayed after few seconds

=> Then the message "WAITING DATA ..." is displayed



Your OLED Messenger is operational and ready to receive official race information

### 2.3. Sleep Mode

The OLED Messenger reverts to sleep mode when no information is received from the Timing Centre for a period of 5 minutes:

=> After 5 minutes, the low power mode is activated.

=> After 10 minutes, the "Press any Key " message is displayed.

Press (A) or (C) button to re-activate the device.

### 2.4. Switch OFF

= > Press and hold button(A) for at least 3 seconds until the display switches off, then release the button. The status LED switches off.

### 2.5. Autonomy of the battery

**NOTE:**

The internal lithium-ion battery of the OLED Messenger has **6 hours autonomy** and its **charging time is 4 hours**.

When the autonomy of battery reaches 25% of its maximum autonomy, an information message is displayed

### 2.6. Charge of the battery

= > switch the OLED Messenger off by pressing and holding down button (A)

= > Connect (E) connector to an external power supply via the connection cable supplied with the OLED Messenger .

When charging, the status LED (B) illuminates orange

### 3. Recommendations

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#### 3.1. Initial preliminary check

Please contact the Timing Centre / timekeeper team at the circuit and receive confirmation the circuit is equipped with the suitable technology for communication of official timing information and safety messages to OLED Messenger devices.

#### 3.2. ID Registration before the race

**IMPORTANT:**

Please provide to the Timing Centre team all registration numbers, including the ID number of your OLED Messenger (D), your race number, the ID number of your transponder.

If these numbers are not registered by the Timing Centre, you will not receive official race information, lap time data or messages.

= > If you are experiencing difficulty receiving official race information we advise that in the first instance you contact the Timing Centre or timekeepers.

### 3.3. OLED location inside the vehicle

=> Please use the fitting accessories supplied with the OLED Messenger

=> Here are some examples of placements on dashboards



### 3.4. Secure data around the race circuit

Official timing information related to a specific vehicle can also be viewed by other OLED messengers.

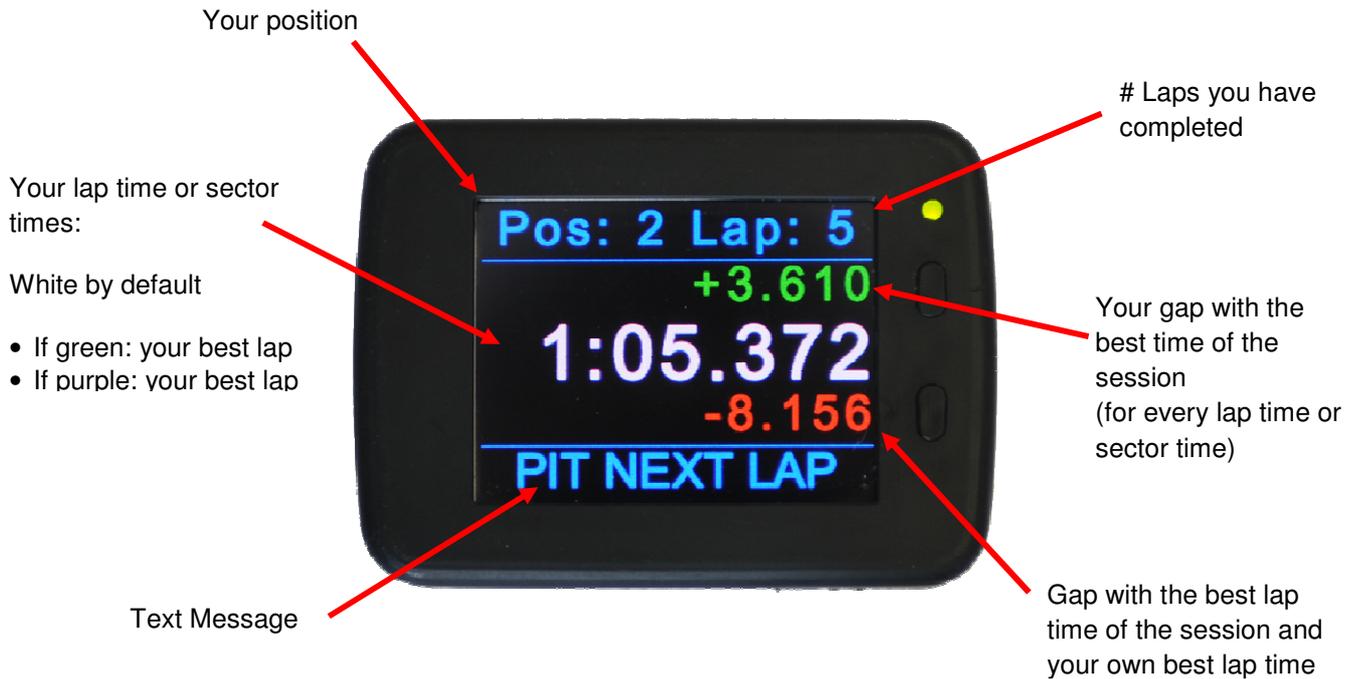
This allows race teams, pit crew, team directors to also view the official race information.

The Timing Centre has the ability to ensure the confidentiality of the data by allowing access only to the OLED associated with each vehicle and team.

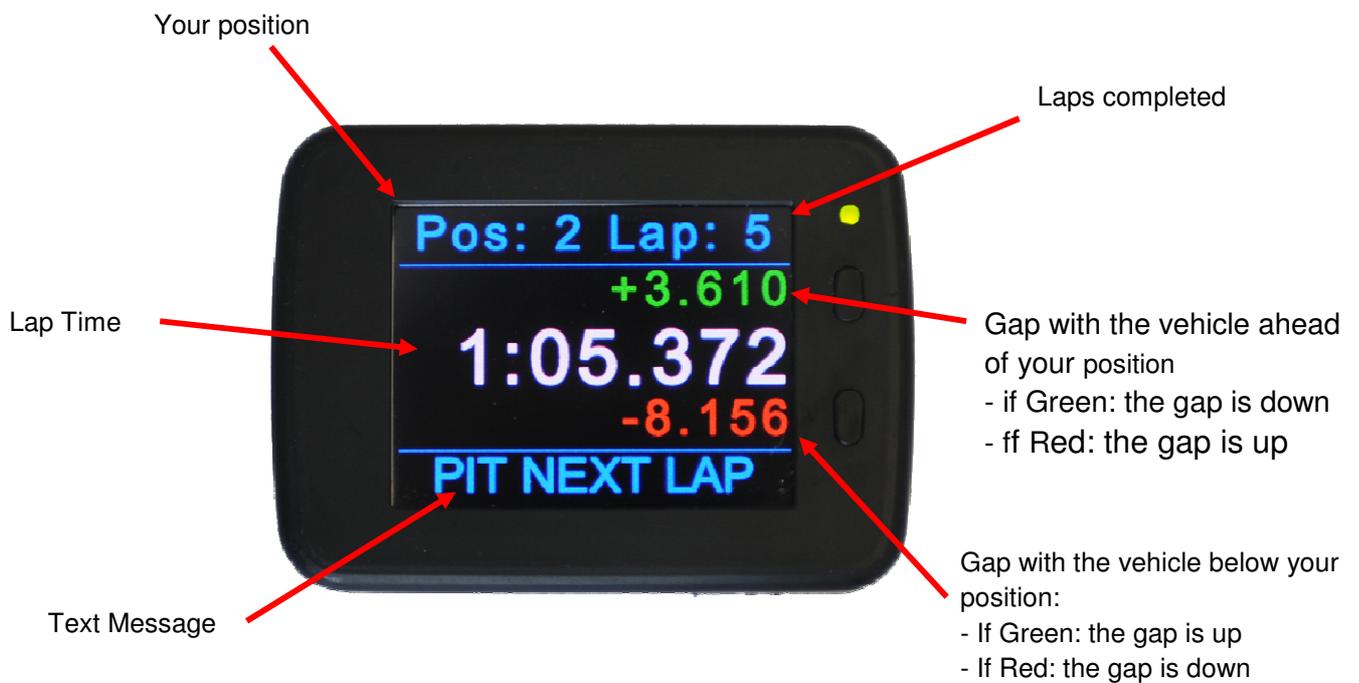
## 4. Front Panel Functions

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### 4.1. Practice Session Information

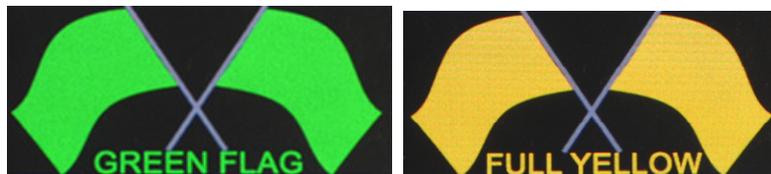


### 4.2. Race Session Information



### 4.3. Safety messages

Safety and regularity messages can also be sent from the Timing Centre, these will be displayed on the OLED and replace all official timing information, as described in 4.1 and 4.2



## 5. Technical specifications

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### Specifications:

- Power : 12 VDC (via USB / charger supplied with the OLED)
- Lithium Ion battery (6 hours autonomy)
- Charging time : 4 hours
- Temperature range : -68°F° to 158°F (-20°C to 70°C)
  
- Dimensions without clip :3.7x2.7x0.9 inch / 94x69x24 mm
- Dimension with clip : 3.7x3.0x0.9 inch / 94x77x24 mm
- Weight without clip: 4.58 oz ./ 130 Gr.
- Weight with clip: 4.93 oz. / 140 Gr.
- Flash memory : 1 Gb

**1 year warranty**

Note:



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