



## **Racing Display3000LRD**

LWO050325

### **Connections**

#### **grey cable:**

red wire: +12V, should be fused with max. 1A  
 black wire: Ground, Earth  
 white wire: TXOUT, transmit data from display  
 green wire: RXIN, receive data to display

#### **green cables:**

compensated thermcouple cables for the high temperature measurement.

Do not plug in or out while voltage is applied!

### **Operation:**

After power-up the display shows some information and the LEDs are flashing. This makes it easy to check the function of all parts.

The display is equipped with a push button at the front. There are several pages to show, which can be changed by pressing the button.

### **Pages:**

**First page:** shows the actual RPM[/min] in large, the throttle position[%] and the 3 temperatures[°C/°F].

**Info:** The display can show the values for temperature °C/°F and for the pressure in Pa/psi.

To change this setting press the button for more than 2 second while display is in first page.

This setting is internal stored in an EEPROM.

**Second page:** shows the actual RPM[/min] in large, the 3 ignition angles[°] and the 3 temperatures[°C/°F].

**Third page:** shows the RPM[/min] in small, the airpressure[kpa/psi] in large and the 3 temperatures[°C/°F].

**Fourth page:** show the RPM[/min], the water temperature[°C/°F], the air temperature[°C/°F] and the supply voltage[V] to the ECU.

**Fifth page:** shows the limits of RPM[/min], the min and max of the air pressure[kpa/psi], the highest ignition angles[°] and the highest temperatures[°C/°F].

**Info:** To reset all limits (same is on page six) press the button for more than 2 second.

Power off and on also clears the limits

**Sixth page:** shows the actual level of knock sensors[mV] and the RPM[/min] at which the highest knock level has been and the highest knock levels.

### **LEDs:**

The five LEDs show warnings for water temperature, oil pressure and knock errors for each cylinder.

#### **Info:**

If there is no connection to the ECU the display shows an error and the LEDs are flashing!

# **FOR COMPETITION USE ONLY**

**No warranty of any engine damage**