

## ELECTRICAL GAUGES W/WARNING & PEAK

HALO PREMIUM SERIES WHITE / BLUE / AMBER LED DISPLAY

### Tachometer

### OPENING CEREMONY

**1** CYLINDER SELECTION SWITCH **BACK VIEW**

POWER WIRE HARENNESS  
CONTROL BOX  
DAISY CHAIN  
POWER WIRE HARNNESS (EITHER SIDE IS OK)

RED - BATTERY (+)  
BLACK - ENGINE GROUND.  
WHITE - IGNITION SWITCH 12V+  
ORANGE - DIMMER / +12V TO DIMMER  
CONNECT TO HEADLIGHT TO ACTIAE.

**2**

VISOR  
BUFFER  
METER  
METER CUP & HOLDER

**3**

Control Box  
Double-Sided-Type  
Cord  
Control Box Wire Harness

**4**

CONNECTOR FOR SENSOR WIRE  
SENSOR WIRE  
RED CONNECTOR  
TACHOMETER SIGNAL WIRE  
ECU (ENGINE COMPUTER UNIT)

**BACK VIEW**

**5**

CYLINDER SELECTION SWITCH

1. Selecting Number of Cylinders:  
Setting the tachometer for 4, 6 or 8 (4, 6 or 3) cylinder operation is achieved simply by sliding the switch, located on back of the tachometer body, to coincide with the appropriate number of cylinders of the engine.

2. Switch position:  
0=10 cylinders, 1=1 cylinders, 2=2 cylinders  
3=3 cylinders, 4=4 cylinders, 5=cylinders, .....

3. When setting the number of cylinders for a rotary engine, set the cylinders number selection to 4 cylinders for 2 rotors; and to 8 cylinders for 3 rotors.

4. The red or black wire MUST be removed before adjustment to the cylinder setting is made from the cylinder selector switch.

**6**

PEAK LED Blue  
PEAK Button  
PEAK LED BLUE  
WARNING LED RED  
SET Button  
Warning LED Red

**7**

Complete Set

### Voltmeter

### OPENING CEREMONY

**1** **BACK VIEW**

POWER WIRE HARENNESS  
CONTROL BOX  
DAISY CHAIN  
POWER WIRE HARNNESS (EITHER SIDE IS OK)

RED - BATTERY (+).  
BLACK - ENGINE GROUND.  
WHITE - IGNITION SWITCH 12V+  
ORANGE - DIMMER / +12V TO DIMMER  
CONNECT TO HEADLIGHT TO ACTIAE.

**2**

VISOR  
BUFFER  
METER  
METER CUP & HOLDER

**3**

Control Box  
Double-Sided-Type  
Cord  
Control Box Wire Harness

**4**

**5** **BACK VIEW**

POWER WIRE HARNNESS (EITHER SIDE IS OK)

RED - BATTERY (+).  
BLACK - ENGINE GROUND.  
WHITE - IGNITION SWITCH 12V+  
ORANGE - DIMMER / +12V TO DIMMER  
CONNECT TO HEADLIGHT TO ACTIAE.

**6**

**7**

PEAK LED Blue  
PEAK Button  
PEAK LED BLUE  
WARNING LED RED  
SET Button  
Warning LED Red

Complete Set

## CONTROL BOX OPERATION INSTRUCTIONS

There are five setting modes in this gauge, **Backlight color Mode**, **Peak Mode**, **Warning Mode**, **Backlight Brightness Mode**, and **Sound Mode**. In any time when the gauge is in the normal mode, the Backlight color Mode can be operated by pressing <SET>. Press <PEAK> to enter into the Peak Mode.

### 1. Backlight color Mode:

- 1) There are three different color LED backlight display in one gauge: White, Blue and Amber Red.
- 2) Press <SET> to select a backlight color in sequence.

### 2. Peak Mode:

- 1) Press <PEAK> to enter into the Peak Mode.
- 2) After 5-second of no button activity or press <PEAK>, the gauge will return to the normal mode.
- 3) When the peak value is displayed, press <SET> to clear the previous peak value.

### 3. Warning Mode:

- 1) Hold <SET> for 3-second to enter to the warning mode.
- 2) When the needle light is flashing, press <PEAK> to move the needle clockwise while press <SET> to move the needle counter-clockwise.
- 3) After 5-second of no button activity, the gauge will return to the normal mode.

### 4. Backlight Brightness Mode

There are six-stage for each daytime and nighttime backlight brightness available for users to select the preferred brightness.

- 1) Hold <PEAK> for 3-second to enter to the backlight brightness mode. When the outer red ring light is flashing, the daytime brightness can be selected.
- 2) Press either <PEAK> or <SET> to select the backlight brightness.
- 3) In order to set the nighttime backlight brightness, the orange wire of the power wire harness should be connected to Dimmer/ 12V switched source (+).
- 4) When Dimmer/ 12V switched source (+) is on, the nighttime brightness can be selected.
- 5) The gauge will return to the normal mode after 5-second of no button activity.

### 5. Sound Mode:

- 1) Hold <PEAK> and <SET> together for 3-second to enter to the sound mode.
- 2) When the needle and outer angel ring lights are flashing simultaneously, press <PEAK> to switch the warning sound, while press <SET> to switch the key sound.
- 3) When the sound is enabled, you will hear two beep, versa vise, when it is disabled, you will hear one beep sound.
- 4) The gauge will return to the normal mode after 5-second of no button activity.