

# HUD plus Instructions

## **Overview**

The Polaris HUD plus will project the vehicles speed and time (optional) up onto the windscreen which avoids the need for the driver to take their eyes off the road to check the speedometer.

The unit will give an audible warning of approximately 190 metres and again at 50 metres upon the approach of fixed Red light cameras or speed cameras. It also has 2 over speed alerts that can be set to the drivers preferred speed limit.

## **Product Info:**

- Speed and time data via GPS satellites
- Speed and Red light camera data provided by Tom Tom
- Powered by Cigarette Lighter Adaptor
- Easy Installation
- Touch Pad menu and settings
- Adjustable Brightness, volume and over speed alerts
- Can be hardwired (optional extra)
- Speed and time can be reversed to turn the HUD plus into a digital HUD

## **Packing List**

- HUD plus
- Tint
- Instructions
- Cigarette lighter adaptor
- Alcohol Wipe

## **HUD PLUS Installation**

When the unit is powered on, place the HUD on the dash and move it around to determine the best visible position for the driver. Clean dash with the alcohol wipe and remove the red cover sheet from the stick pad and mount the HUD unit. Adjust the angle of the bracket to suit the windscreen.

## **Applying Tint**

**IMPORTANT: Please find your desired position for the HUD plus, before applying the tint as it cannot be reused.**

**If you need additional tint, we can supply for \$5.00 each.**

- Remove protective layer from tint (pull from the tab)
- Spray windscreen and back of tint with weak soapy water
- Apply to windscreen and find the best position for the HUD reflection
- Squeeze all excess water out with a flat surface (e.g. use a credit card or a small ruler to remove all the bubbles).

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### **Touch Pad button functions**

**IMPORTANT** – The buttons are touch pad buttons which mean if you press too hard, they will **NOT** respond.

**Short press** = lightly tap the button

**Long press** = lightly press and hold down the button.



Short Press **MENU** button to toggle between the different settings.  
If the voice is enabled it will “tell” you which setting you are on as you toggle between the different settings.



**Short Press** - Voice will mute / unmute  
**Long Press** - Turn the time display on or off.



**Short Press** – Adjust settings up  
**Long Press** – Changes the Reflective HUD into a non reflective HUD (Can view the speed directly on the head unit as opposed to a reflection).



Short Press – Adjust settings down

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### **Settings – in the order that they appear**

**Important:** If the voice is enabled, it will “tell” you what setting you are in as you toggle between the different settings.

#### **1. Overspeed level one**

Use this setting to set a preset overspeed alert.

Range: 0-180km/h

Press arrow buttons to adjust to the desired speed level. Once the desired speed has been reached it will automatically save (there is no need to press Set)

When the driver exceeds the level one overspeed limit, the unit will “beep” once

## **2. Overspeed level two**

Use this setting to set your second desired preset overspeed alert

Range: 0-180km/h

Press arrow buttons to adjust to the desired speed level. Once the desired speed has been reached it will automatically save (there is no need to press Set).

When the driver exceeds the level two overspeed limit, the unit will “beep” twice

## **3. Calibration Setting**

Use this setting if you want the vehicles speedometer to match the speed of the HUD plus.

**If you want an accurate speed reading, then you do NOT have to set this up. Your speedometer is built with a margin of error and calibrating the HUD to match will NOT give you an accurate speed reading.**

**IMPORTANT: When determining the difference between the HUD and your speedometer, please either choose a quiet area for driving or have a passenger assist you.**

To match your vehicles speedometer, first set calibration to 0. Take the vehicle for a drive and try to maintain an even, slower speed (example 50kms/h) to determine the difference between the HUD plus and the speedometer.

If the HUD plus displays a speed that exceeds your speedometer you will need to set the calibration to a minus amount to bring the HUD plus speed back down.

For example If your speedometer shows 50 kms/h and the HUD plus displays 53 kms/h, the calibration will have to be set at -3.

If the HUD plus displays a speed that is less than your speedometer you will need to set the calibration to a plus amount to bring the HUD speed forward.

For example, if your speedometer shows 55kms/h and the HUD displays 50 kms/h, the calibration will have to be set at +5.

To adjust the calibration, use the arrow keys to increase or decrease the value. Once the desired setting has been reached it will automatically save (there is no need to press Set).

Once you have set the calibration, road test for accuracy.

#### **4. Brightness setting**

Use this setting to adjust the brightness of the HUD plus LED display.

There are 5 brightness settings: Brightest, lighter, General, Darker, and Darkest. There is also an automatic setting, if this is selected the HUD plus LED display will automatically adjust to suit the lighting conditions.

To adjust the brightness level or to choose the automatic feature, use the arrow keys to adjust to the desired level. Once the desired level has been reached it will automatically save (there is no need to press set).

#### **5. Time Zone Setting**

Use this setting to change the time zone depending on which state you are located.

There are 3 different time zones: Perth, Adelaide and Sydney.

If you are located in Perth – select the Perth time zone.

If you are located in Adelaide or Northern Territory – select the Adelaide time zone

If you are located in New South Wales, Queensland, Victoria, Tasmania or Australian Capital Territory – select the Sydney time zone.

To select the desired time zone press the arrow buttons up and down. Once the desired level has been reached it will automatically save (there is need to press set)

#### **6. Summer Time Setting**

Use this setting to change the time zone to daylight savings when required.

To turn the summer time setting on or off, use the arrow keys to adjust. Once the desired level has been reached it will automatically save (there is no need to press set)

#### **7. Volume Setting**

Use this setting to increase or decrease the volume level.

There are 5 volume settings, 1 being the lowest and 5 being the highest.

To increase or decrease the volume, use the arrow keys to adjust. Once the desired level has been reached it will automatically save (there is no need to press set)

### **Red Light Cameras and speed cameras feature.**

There is no need to set this up, the HUD plus is already programmed to warn the driver when approaching fixed red light and speed cameras.

**IMPORTANT:** Please make sure that the voice has not been muted as you will not hear any alerts from the unit.

To **MUTE** or **UNMUTE** the voice short press the **SET** key (do not hold the set key down, as this will disable or enable the time feature, please see button functions above)

### **Red Light camera alert**

The unit will automatically warn you approximately 190 metres and again at 50 metres before approaching a red light camera.

### **Voice alerts**

190 metres - "Red light camera in 190 metres"

50 metres – "Red light camera in 50 metres"

### **Speed Camera alert**

The unit will automatically warn you approximately 190 metres and again at 50 metres before approaching a speed camera and it will "tell" you what speed zone you are in.

**IMPORTANT:** Please note the speed alerts do not have school zones programmed.

### **Voice Alerts**

190 metres: "Speed Camera in 200 metres, speed zone 100 (will say the current speed zone)"

50 metres: "Speed Camera in 50 metres, speed zone (will say the current speed zone)"

If you have any questions or are experiencing troubles setting the unit up, please do not hesitate to give us a call on 1300 555 514.

**Turn the HUD plus into a Digital HUD (reflective into non reflective)- Only available in models sold from January 2019.**

Long press  to toggle between reflective display and non-reflective display.

If you have any questions about your Head Up Display please give us a call on 1300 555 514 or email [sales@poron.com.au](mailto:sales@poron.com.au)

