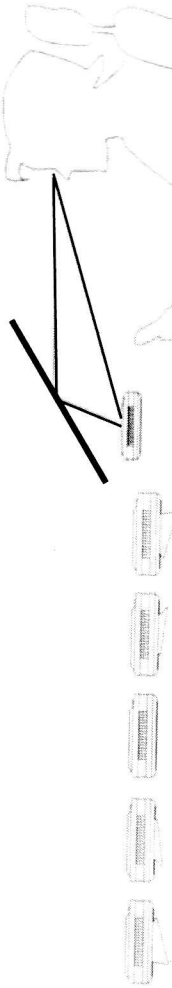
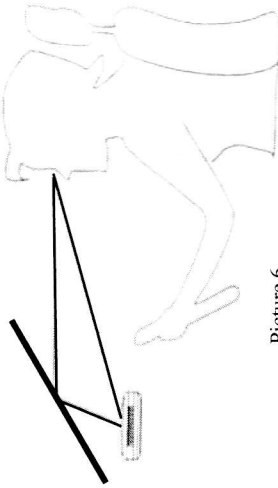


## Display:

Locate spot on dash for display bottom right hand corner of windscreen is recommended. Clean dash with alcohol wipe as vinyl protections/cleaners have silicon in them that will stop the unit sticking. Use brackets (they fit both ways) where necessary to get good image on windscreen (Please see picture 6)  
Make sure buttons are facing towards driver.  
8° and 15° angle rest available to adjust the angle off screen (Please see picture 5)



Picture 5



Picture 6

## Tint:

Where possible get a tinter to apply the film in desired position. Clean inside of the windscreen with water spray. Then squeegee dry being careful to keep the glass free of dirt or hair. This is where the tint will go.

**Cover unit as water damage is not covered under warranty.** To allow for short and tall drivers position the tint vertically. Remove the clear backing sheet by peeling it away from the film. This can be done by grabbing the white sticker in the corner and carefully pulling away from film – just like peeling double sided sticky. Throw the clear backing sheet away. Spray the back side (sticky side) of the tint before placing it on window. This will allow you to slide the film around the window to get it in the correct position. Place the film on the windscreen and move to correct position. Carefully squeegee water out – use credit card with cloth over it to prevent damage to tint.

## Calibrating unit:

Press left "select" button 4 times till 'speed' appears on left menu. Press right 'confirm' button. '50' will now flash on screen. Drive to 50kmh and hold speed steady for at least 3 seconds then press either button to calibrate. Check speed and recalibrate if necessary.

## Set up:

Look at user instructions for 'normal set up' customers can change this as they require but we have found this suits most people.

# BWMS SPEED ALERT

## KNOW YOUR SPEED WITHOUT LOOKING DOWN

BWMS Speed Alert placed on the dashboard of your vehicle will project the speed onto a tint film placed on the front windscreen. When the car is at a standstill, the speedometer reading and the projected speed will get synchronized.

As the brightness of the LED is adjusted according to the ambient light, you will get the speed reading even in bright conditions. You can also set the speed limit. And when you exceed the limit, an audible and visual alert will notify your line of sight.

This will help you get more focus on the road as you don't need to look down towards your factory Speedo.

## TIME TO STOP SPEEDING TICKETS

### Features

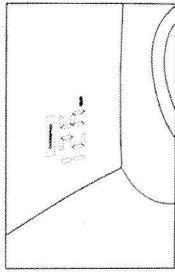
- Speed Alert settings from 0km-120km.
- Attention speed & over speed alarm function.
- Voltage level meter (3sec when ignition on)
- Super bright & colourful reflection under sunlight.
- Auto adjust brightness under light conditions.
- Suitable for all kind of vehicle's.
- For Can-Bus vehicle's using (BWMS504CB Can-Bus Module)
- For non VSS vehicle's using (BWMS1102M Magnet Coil Kit)
- Easy to set & adjust speed settings.

### BWMS AUTOMOTIVE

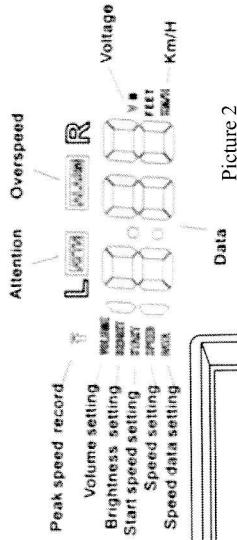
PO Box 183, Greenacres SA 5086  
Email: [service@bwms.com.au](mailto:service@bwms.com.au)

## Introduction:

HUD (Head Up Display) is one kind of military aviation display technology, which displays the information on the front windshield of the car. (Please see Picture 1 and 2)

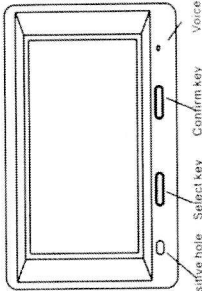


Picture 1



Picture 2

## Setting method:



Picture 3

**Press** the left "select" key to choose the item you want to set up. The menus are found on the left hand side of the screen Order is as follows:

**Press** "select" once to get the **Volume** (level 1-3) menu. Press right 'confirm' button to enter. Then press the "select" button to choose the volume, then press "confirm" button to finish the setting.

**Press** "select" twice to enter the **Brightness** (level 1-7) menu. Press "confirm" to enter. Press the "select" button to choose the brightness, then press "confirm" to finish the setting.

**Press** "select" 3 times to enter the **Start** menu (choose the speed the display 'lights' up - bet.0-120km). Press "confirm" to enter. Press the "select" button to choose the speed the unit first beeps at, then press the "confirm" button to finish the setting.

•**Press** "select" 4 times- **Speed** (used for calibration of unit installer only)

•**Press** "select" 5 times - **Data** (used for calibration of many units to be fitted into same cars, installer only)

**Press** "select" 6 times - **Attention** menu (choose the speed the display 'beeps' at 3 short beeps- bet. 40-250km). Press the "confirm" to enter. Press the "select" button to choose the speed the unit first beeps at, then press the "confirm" button to finish the setting.

**Press** "select" 7 times- **Alarm** menu (choose the speed the display 'beeps' at 2 long beeps- bet. 60-250km). Press the "confirm" to enter. Press the "select" button to choose the speed the unit secondly beeps at, then press the "confirm" button to finish the setting.

**Note "Alarm" speed must be more than "Attention" speed.**  
**Normal set up: When first fitted we recommend the unit is best set to 'light' up at 50kmh (for around city zones)**  
**Have the 'ATTN' beeps at 60kmh**  
**Have the 'ALARM' beeps at 100kmh**  
**ATT: Please make sure car is stationary before making changes.**

## Special Considerations:

This unit is only as good as the speed pulse in the car. Older cars can have 'dirty' signals can confuse the unit and make it act erratically. Also many speedometers are not that accurate or slower than the HUD unit to respond this is normal and no fault with the unit.

## Technical Parameter

Operating temperature	-40 ~ +90 degrees Celsius
Model Number	BWMS502SA
Supply voltage	+10 ~ +15.5 VDC
Current consumption	< 300 mA

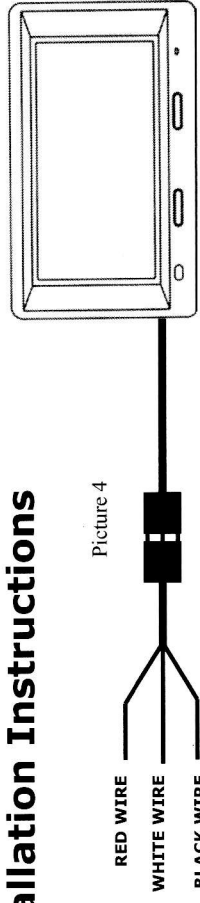
## Voltage meter

This unit has built in Voltage level indicator for 3 seconds when you first turn ignition on.

## Max speed indication

Turn engine on and hold down "confirm" key for two seconds red arrow will light in right hand corner. Unit will record highest speed during your journey.

## Installation Instructions



Picture 4

## Find connector, unplug loom.

**Red Wire:** to clean 12 volt + ignition source. Make sure you use the ignition wire that does not drop out when cranking engine.

**Black Wire:** to ground, Bolt to vehicle Chassis . Make sure you have a good earth contact.

**White Wire:** to VSS speed pulse source. (Vehicle Speed Sensor)  
Can-bus vehicles use CAN speed pulse generators (contact us for more details)

## Find connector, plug in loom.