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Roll-over Warning System (RWS)

A light weight and easily integrated device to Warn vehicle drivers of when they are approaching or exceeding vehicle **roll over** and/or **cornering limits**.

- ➔ Helps prevent vehicle roll-over by providing both visual and audio WARNINGS.
- ➔ Gives precision indication of pitch and roll attitude.
- ➔ Lateral g Indicator provided at the bottom of the unit to manage cornering forces.
- ➔ Complex algorithms and digital filtering are employed for high precision data without unwanted 'noise'.
- ➔ Can record data for later retrieval.
- ➔ Can assist the driver with appreciation of gun/area weapon angular limitations.
- ➔ RWS allows for rapid after action review following training activity (when used in conjunction with AeroGlow Recorder-Responder).



Design Specification

Medium	Standards	Quotes
Environmental	DefStan 00-35 Mil Std 501.5 to 502.5	-46 to + 70 Deg C inc Humidity
Vibration	Mil Std 810F DefStan 00-35 Part 3	
Ballistic Shock	500g 2ms (all axis), DefStan 00-35 Part 3	Test M3 - Extreme shock for armoured fighting vehicles
EMC/V	DeStan 59-411 Mil Std 461F	May require vehicle specific testing
Contaminates	DefStan 00-35, P3, Ch 4-04,CN4 Mil Std 810G 504.1	
NVG	Mil-L-85672A p3.10.9.8	
Salt	DefStan 00-35 Ch4-02,CN2 Mil Std 810G 509.5	
Dust	Def Stan 00-35, Ch3-25, CL25 Mil Std 810F 510.5	
Human Factors	Def Stan 00-250 P1	
Weight		Typical weight = <0.4kg

Technical Description:

The RWS is approximately 100mm square and 35mm in depth, it is engineered to be both lightweight and robust. It utilises a cross-hairs LED display with incremental warnings increasing in severity from green through amber to red. The unit also features ON and FAIL indicators, an incremental audio warning and function switches. Up to 3 external interface ports (including comms link) can be provided. The system features a built in test capability.

Mk1 version of this product is now available to order as per design specification detailed.

Proprietary Information and Design - Commercial in Confidence

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