



An on-board overload warning system for single or multi-axle vehicles

The RDS **AXLOG ALPHA** is a user friendly vehicle overload warning system that provides individual axle overload information to the operator and the gross total. It offers numerous features and advantages to the end-user and fleet manager.

The RDS **AXLOG ALPHA** is a simple to use axle overload indicator system.

Suitable for either air or spring suspension systems and can be configured to display the axle load as a live weight reading or as a percentage of maximum vehicle weight. Specific sensors are used to measure the how much weight is on each axle. When the maximum load is approached and at the overload point an alarm will sound to further inform the operator of load status.

The head unit, mounted in the driver’s cab, has an illuminated four-digit LCD, two active front panel switches for all functions and an internal audible alarm. An external alarm is optional.

FEATURES	ADVANTAGES
Individual gross axle weight display and overload alarm for up to four axles.	Can be retro-fitted on site without requiring structural alterations to vehicles.Can be fitted to multi-axle vehicles.
Suitable for vehicles with air and spring suspension.	Enables correct loading of vehicles.
Gross vehicle weight display (GVW) and overload alarm.	Identifies operators and vehicles at risk through memory feature.
Displays either percentage of weight or live weight reading.	Increases vehicle efficiency.
Audible alarm output at 90% and 100% of GVW.	Promotes best operator practice.
'Load Light Bar' output capability at 50%, 75%, 90%, 100% and 110% of maximum weight for external display when loading.	Decreases vehicle downtime for service and repair.
Accurate to +/-3% of GVW at the overload point.	Nationwide support and service from RDS distributors.
Option of net weight display.	
Store of net totals (and overloads) to memory total.	
Unique bracket for installation of the head unit in any position.	

TECHNICAL DETAILS	
Operating voltage:	11 - 30 Vdc
Sensor range:	4-20mA
Temperature range:	-30 to +50°C
System accuracy:	+/- 3%
Warranty:	1 year
Protection:	Instrument unit IP67
RFI/EMI protection:	EN ISO 14982:1998
Sealing:	IP67

SYSTEM ENHANCEMENTS
External audible alarm for further warning to the operator of overload occurrences in noisy environments.
Load Light Bar for high visibility external indication of load status from 50% through to 110% of load capacity during loading operation.

ALSO IN THE RANGE
Axlog Alpha Link - with output facility for either printing or GPS data transmission to fleet management software.
Liftlog 100+ - a cost-effective weighing and load monitoring system specifically designed for check weighing on forklift trucks.

DISTRIBUTORS

RDS Technology Ltd, Cirencester Road, Minchinhampton, Stroud, Glos GL6 9BH, UK
 T: +44 (0)1453 733300 info@rdstec.com

www.rdstec.com