



# Axlog Alpha

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:

- Individual gross axle weight display and overload alarm for up to four axles.
- Suitable for vehicles with air and spring suspension.
- Gross vehicle weight display (GVW) and overload alarm.
- Displays either percentage of weight or live weight reading.
- Audible alarm output at 90% and 100% of GVW.
- 'Load Light Bar' output capability at 50%, 75%, 90%, 100% and 110% of maximum weight for external display when loading.
- Accurate to +/-3% of GVW at the overload point.
- 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.

#### Advantages:

- Can be retro-fitted on site without requiring structural alterations to vehicles.
- Can be fitted to multi-axle vehicles.
- Enables correct loading of vehicles.
- Identifies operators and vehicles at risk through memory feature.
- Increases vehicle efficiency.
- Promotes best operator practice.
- Decreases vehicle downtime for service and repair.
- Nationwide support and service from RDS distributors.

#### 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.

#### Available from:

#### 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.