



Incline Alert

Incline monitoring for mini excavators and construction plant

Benefits: Improve Operator Safety and reduce the risk of overturns when operating on inclines



The Incline Alert system from GKD has been developed to meet an identified need for incline monitoring in the Construction and Utility Maintenance Industries, particularly for smaller excavators.

The Incline Alert system allows the operator to work safely and with confidence within the defined incline limit envelope for his machine, and gives a audible and visual warning on approach to the incline limit.

Incline Alert has been designed to be simple to install and calibrate, and consists of a sensitive and accurate pitch and roll angle sensor mounted on the excavator or plant body, and a display at the operator station.

Outputs from the Incline Alert are triggered when the machine angle is beyond the defined envelope limits, and can be used to drive an external alarm or beacon, or to link to a third party device (such as a GPS Tracker) to give remote warning that the machine is being used beyond it's defined incline limits.

Overturn Sentinal System - should the machine actually overturn (defined as greater than 50 degrees incline) a flashing red LED on the display is triggered, which can only be turned off by an authorised engineer. This feature makes it possible to tell at a glance whether or not the machine has overturned whilst in use.