

# *Jamex*

# iROS F

**iROS Stability Sensor  
Plant & Equipment Spec**

**FEATURES & SPECIFICATIONS**

## iROS T Standard features

iROS T is an electronic warning device designed to warn drivers or operators of a potentially unsafe working angle or cornering force on equipment while the equipment is in use. It does this by actuating both visual and audible warnings at preset warning threshold levels.

iROS T has a programmable microprocessor and can be re-programmed to different specifications for different applications

iROS T carries out a full diagnostic self-test upon power up. This tests both the microprocessor & the angle sensing accelerometer to ensure they are in good working order and activates a fault lamp should any fault be found.

iROS T has up to 4 separately programmable switch points (set to either angle or g force)

iROS T connects to a dash mounted fault lamp, this lamp tells the driver when the iROS T self tests and that the iROS T is operating correctly. This lamp is also the first stage warning lamp. Any fault will be obvious by fault lamp status.

iROS T uses a highly accurate 2-axis sensing device originally designed as part of a missile guidance system, the data from this sensor is processed by the internal microprocessor to determine when an output should be switched.

iROS T switches the main (permit) output off when the highest preset angle is reached. This output is designed to be connected to an normally open (held closed) type circuit connected in this way the high level warning will activate if power is removed from the iROS this makes it impossible to disconnect the iROS and use the vehicle without a warning.

iROS T datalogs operating hours and high level alarms so it can be identified if and when an operator is operating the vehicle over its limits.

iROS is multivoltage 10-30 volts DC

iROS is completely solid state there are no moving parts or switch contacts to stick or wear out

iROS carries Australian patent 2003100133