

The logo for TRAXBALL, featuring the word 'TRAXBALL' in a stylized, outlined font. The 'X' is replaced by a red and white geometric symbol resembling a ball or a cross.

A new generation for cursor control technology

To compliment the TRAXSYS range of high quality cursor control input devices and associated sub systems, the inductive trackball technology; **TRAXBALL** has been introduced to offer engineers and designers an exciting alternative to solve many HMI challenges.

This solution offers the user a unit with no moving parts except the ball. The user experience is identical to that of our conventional 'mechanical' trackball units, giving the high quality precision cursor movement synonymous with the TRAXSYS range. **TRAXBALL** has no mechanical or optical interaction for detecting ball movement, meaning the NEW INDUCTIVE TECHNOLOGY is completely unaffected by exterior contamination such as high opacity liquids, dust, gels etc. and will even work when completely full of sand. In essence, *if the ball moves the cursor will too.*

The 50mm ball option is based upon the same space envelope as our 'mechanical' unit allowing for full interchangeability between platforms. For applications that require damping of the ball, an adjustable ball seal is supplied to keep out the ingress of contaminants and to allow the user to select their own level of torque. For applications not requiring a seal, contamination in and around the ball is not a problem and can be discharged out of the back of the unit if required.

Six precision bearing points allow the ball to rotate without the torque effect normally associated with conventional units, this gives a silky smooth feel to the ball movement.

All common interface options are available, from the most common auto-detecting PS/2 and USB 'Plug and Play' options that require no special drivers when run on a standard Windows O/S, RS232, Quadrature and SUN interfaces.

The TRAXBALL logo, identical to the one at the top of the page.The Esterline logo, featuring the word 'Esterline' in a bold, blue, sans-serif font. To the right of the text is a small blue square icon containing a white stylized 'E' or similar shape.

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