

## Xtreme Trackball™

for Console Mount Applications...

- Durable 50mm Phenolic Resin Ball
- Ball Sealed to IP65 (NEMA 4) Static
- Optimized Self-Adjusting Seal
- 316 Stainless Steel Fascia Plate
- Compatibility - USB, PS/2 & Serial



The Xtreme Trackball™ is a panel mount high-precision pointing device specifically developed for the marine market.

Key design features include a self-adjusting ball seal providing an IP65 (NEMA 4) static rating. The profile of the seal is designed to optimize sealing capabilities under all conditions. The phenolic 50mm ball tracks smoothly under all conditions.

The fascia plate is made from 316 stainless steel. No batteries required ...hard wired.

Compatibility - design enables optimization for all connection protocols used in computer systems.

Complete support for USB, PS/2, RS232, Phase Quadrature, Microsoft serial, Mouse Systems and Sun protocols, allowing a single unit to operate with virtually any computer system, reducing inventory and minimizing commissioning time.

A Xtreme Trackball™ by AAdaptiv Technologies. It's a command decision for the digital world.

# Xtreme Trackball™

## General Specifications

Specifications	Xtreme Trackball 50mm	Xtreme Trackball 50mm (BLACK)
Order Code / Part #	A1-BE1A3-STD	A1-BE1A3-BLK
Ball Diameter	50.8mm ( 2" )	50.8mm ( 2" )
Ball Material	Phenolic Resin ( BLACK )	Phenolic Resin ( BLACK )
Ball Seal Material	PTFE	PTFE
Ball Speed	250 rpm maximum	250 rpm maximum
Tracking Force	50g nominal - any direction ( tangential to ball )	50g nominal - any direction ( tangential to ball )
Push Button(s)	Type APEM AV0630C900K	Type APEM IRR3V222 (BLACK Buttons)
User Controls	50mm Trackball & x3 Buttons	50mm Trackball & x3 Buttons
Signal Output <sup>1</sup>	USB or PS/2 ( Factory Setup )	USB or PS/2 ( Factory Setup )
Connection <sup>2</sup>	x1 USB 2m length Cable ( Type A ) x1 PS/2 2m length Cable	x1 USB 2m length Cable ( Type A ) x1 PS/2 2m length Cable
Fascia Plate	Brushed Stainless Steel ( 316S31 )	BLACK Nickel Plated Brushed Stainless Steel ( 316S31 )
Mounting Style	Console / Panel Mount	Console / Panel Mount
Mounting Method	x4 Studs ( M4 x 25 )	x4 Studs ( M4 x 25 )
Front Plate Sealing	IP65 ( NEMA 4 ) Static	IP65 ( NEMA 4 ) Static
Exterior Dimensions ( mm )	100 W x 116 H x 39 D	100 W x 116 H x 39 D
Exterior Dimensions ( inches )	3.93" W x 4.56" H x 1.53" D	3.93" W x 4.56" H x 1.53" D
Weight	450 g ( 1 lb )	400 g ( 0.9 lb )
Operating Temperature	0 to 70°C / 32 to 158°F	0 to 70°C / 32 to 158°F
Storage Temperature	-25 to 85°C / -13 to 185°F	-20 to 85°C / -13 to 185°F
Humidity	95% rh, non-condensing, maximum	95% rh, non-condensing, maximum
Vibration	5g, sinusoidal, 2-5kHz (swept), any plane	5g, sinusoidal, 2-5kHz (swept), any plane
Lifetime	10 million Ball Revolutions	10 million Ball Revolutions
Factory Option	RS232, Microsoft, Mouse Systems & Sun protocol	RS232, Microsoft, Mouse Systems & Sun protocol
Limited Warranty	1 Year	1 Year

### Notes:

- 1) No special device driver required, use standard device drivers loaded on your PC Operating System.
- 2) USB & PS/2 Cables provided as standard.

\*Specification subject to change without notice - Revision 2 - Aug 2010

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