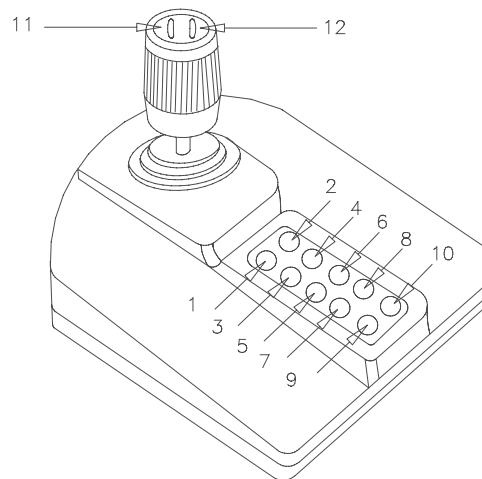


THIS DOCUMENT CONTAINS PROPRIETARY DATA
OF POLARIS INDUSTRIAL ENTERPRISES, INC. NO
DISCLOSURE, REPRODUCTION, OR USE OF ANY
PART THERE OF MAY BE MADE EXCEPT BY

REV. BY DATE P/N USBDESKTOP

PHYSICAL SPECIFICATIONS

JOYSTICK MODEL ----- JHE13-KC2 SERIES
JOYSTICK TRAVEL ----- $\pm 18^\circ$ FROM CENTER
BREAKOUT FORCE ----- 0.109Nm
OPERATING FORCE ----- 0.151Nm
MAXIMUM FORCE ----- 0.169Nm
OPERATING TEMPERATURE ----- -25°C TO $+70^\circ\text{C}$
CENTERING ----- SINGLE SPRING, OMNIDIRECTIONAL
HOUSING ----- HIGH IMPACT GLASS-FILLED NYLON
BODY COLOR ----- BLACK OR GREY
LIFE CYCLES ----- 3,000,000



ELECTRICAL SPECIFICATION

SUPPLY VOLTAGE (USB BUS)----- Vdd 5V $\pm 5\text{V}$
SUPPLY CURRENT (USB BUS)----- 32mA MAX

TECHNICAL SPECIFICATIONS

THREE-AXIS, TWO BUTTON HALL EFFECT JOYSTICK
DESKTOP HOUSING FEATURES 10 PROGRAMMABLE BUTTONS
STANDARD USB CONNECTOR AND INTERFACE
OPTIONAL JOYSTICK/MOUSE COMBINATION SOFTWARE DRIVER

PHYSICAL DIMENSIONS

WIDTH ----- 6.15" (15.6cm)
LENGTH ----- 6.65" (16.9cm)
HEIGHT ----- 4.97" (12.6cm)

SOFTWARE DRIVER FEATURES

CREATES A JOYSTICK/MOUSE COMBINATION DEVICE
CREATES A FOURTH AXIS "R" THAT MAY BE USED
FOR SHUTTLE/RECORDER FUNCTION
ASSIGNS FUNTIONS TO BUTTONS 1 AND 2
BUTTON 1 TOGGLES BETWEEN "Z" AND "R" AXES
BUTTON 2 TOGGLES BETWEEN "JOSTICK" AND "MOUSE" MODES
JOYSTICK MODE BUTTONS 3-12 AVAILABLE FOR ASSIGNMENT
MOUSE MODE
BUTTONS 11 AND 12 (LEFT AND RIGHT MOUSE BUTTONS)
BUTTONS 3-10 AVAILABLE FOR ASSIGNMENT

SCALE	DATE: 2-20-07
NONE	BY AT
	APPRV'D
CODE IDENT:	19477



ETI
SYSTEMS
CARLSBAD
CALIFORNIA

TITLE

JOYSTICK

PART NO.

USBDESKTOP