

HALL EFFECT DESKTOP JOYSTICK

The TRCD joystick is a desktop joystick, designed for high precision applications, especially those where ergonomics is decisive.

The position of the joystick is measured by Hall effect magnetic sensors. This non-contact technology ensures almost no mechanical wearing.

The integrated 10-buttons keypad turns the joystick into a complete control unit. The central position of the keyboard allows the joystick to be operated by both left and right handed users.

This joystick can be fully customised by the user using downloadable software:

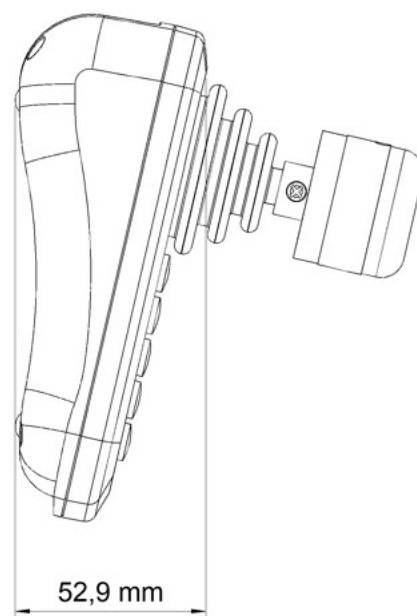
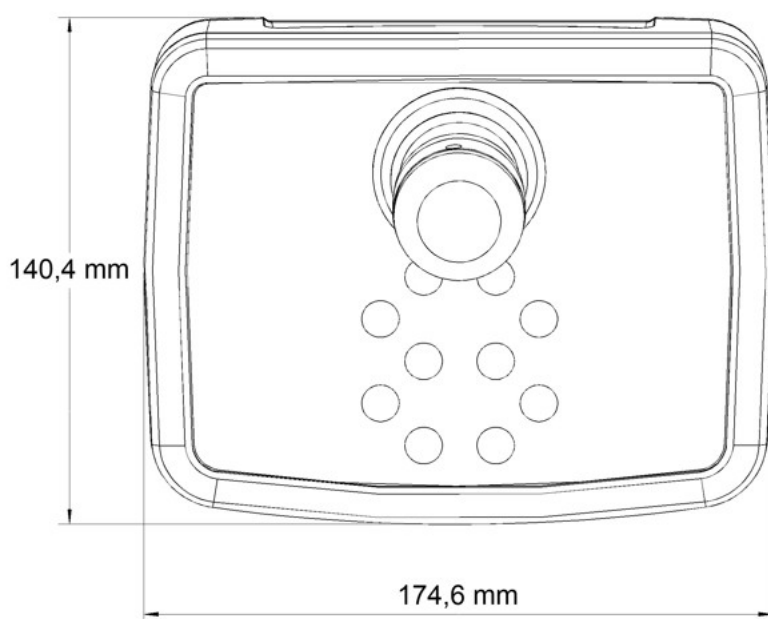
Buttons with locking using software (requires backlighting option to visualise locking)

Please contact us to discuss the feasibility of customisation:

- Colour and number of buttons
- Frontplate (colour, logo, etc.)



- 2 or 3 axes
- Keypad 10 buttons
- With or without button on the handle
- USB output
- Spring return
- Customizable frontplate
- Customizable buttons



Specifications

Connectivity	USB
Wiring	Cable USB-A lenght 1m30
Power consumption	33 mA max (300 mA option LED)
Resolution	infinite
Sensor Life expectancy	1 million hours
Life expectancy of the buttons	1 million operations
Life expectancy (handle operations)	5 million (in normal use)
Linearity	$\pm 2 \%$
X Y axis travel	$\pm 20^\circ$
Z axis travel	$\pm 30^\circ$
Operating force	3 to 6 N
Accuracy of return to center	$\pm 1 \%$
Operating temperature	-25 °C ... + 70 °C
Storage temperature	-55 °C ... +85°C
Weight	460 g
Protection class	IP50

Order code

	Series	Function	Boot	Return	Limiter	Buttons	Backlight
Series	TRCD						
2 axis with button		2					
3 axis with button		3					
Rubber boot			5				
Spring return				1			
Round limiter					C		
Square limiter					R		
Keypad						10*	
LED blue							L

* For special requirements, please contact us.

