



- 85 keys, silicone rubber
- 38 mm ergonomic trackball
- IP67 sealing

SILICONE RUBBER KEYBOARD WITH ERGONOMIC TRACKBALL

This 85 key keyboard features a compact rubber keyboard with integrated waterproof ergonomic trackball. The backlit keys warrant for optimized performance while working in low-light environments. Panel mount and desktop version available.

MAIN FEATURES

- Compact layout, 85 full travel keys
- Dimmable backlighting at 8 levels by two dedicated keys
- Low power LED's warrant for a long life
- 38 mm waterproof ergonomic trackball with hall-effect scroll wheel
- Removable ball for easy cleaning
- Integrated left, middle and right switch functionality
- No external power supply necessary, keyboardport power sufficient
- White backlighting as standard, other colours on request
- Compact thickness
- Panel mount version : M3 studs
- Desktop version : ABS enclosure

CONNECTIVITY

One 1,6 m shielded USB cable.

GENERAL TECHNICAL SPECIFICATIONS

KEYBOARD

Sealing	: IP67 sealed frontal
Keys	: 85 rubber keys
Pointing Device	: 38 mm ergonomic trackball
Output	: 1,6 m. USB cable
Power requirements	: Directly from USB port
Operating temp.	: -0°C to +70°C
Storage temp. range	: -40°C to +85°C
Switch force	: 300 grams +- 100 grams
Switch stroke	: 1,5 mm
Lifetime switches	: 1 million actuations

TRACKBALL

Ball size/material	: Ø38.1mm (1.5")/Epoxy resin
Tracking force	: 20 grams nominal – damper ring seal : 20-40 grams – PTFE seal
Ball load	: 100N (10Kg) maximum downward pressure for 2 minutes @ 20°C
Resolvable ball speed	: 30 IPS (inches per second)
Tracking engine	: Infra-red optical navigation technology
Removable ring	: PC/ABS, black

SCROLL WHEEL

Wheel diameter	: Ø25mm
Wheel material	: PC/ABS
Wheel colour	: Grey
Encoding technology	: Hall effect
Magnet strength	: N42
Detent-scrolling force	: 30 grams nominal
Switch actuation force	: 275 ± 125 grams force

LEFT/RIGHT SWITCH

Switch actuation force	: 250 ± 100 grams force
------------------------	-------------------------

IEC60945 marine certified version available Q4/2018

ORDER INFO

BACKLIT VERSION			NON-BACKLIT VERSION	
COUNTRY LAYOUT	PANEL MOUNT	DESKTOP	PANEL MOUNT	DESKTOP
US Qwerty	RKTE85B0001-WLED	RKTE85S0001-WLED	RKTE85B0001	RKTE85S0001
German Qwertz			RKTE85B0049	RKTE85S0049

standard white backlight, other colours on request



DIMENSIONAL DRAWING
Panel mount version



Dim in mm.

The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.



DIMENSIONAL DRAWING
Desktop version

RKTE85



Dim in mm.

The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.