

TKR-103-TOUCH-ADH-USB



Features

- Completely sealed glass surface
- Can be washed and disinfected, so complies with high hygiene standards
- Compact key layout with integrated touch-pad
- Key sound volume and sensitivity can be set individually
- Integrated key lock function
- Numerous individualisation possibilities
- IP65 protection rating (front)
- Versions available with and without base protection plate

Technical Data

Number of keys:	103	Glass thickness:	3 mm
Technology:	Capacitive keys	Dimensions (ADH):	482 x 179 x 22.8 mm
Components:	Main PCB with superimposed controller PCB	Interface:	USB
Pointing device:	Capacitive touch-pad (60 x 42 mm)	USB compatibility:	compliant with USB 2.0
Protection rating:	IP65 (front)	Operating temperature:	0 °C to 60 °C
Impact protection rate:	IK06	Storage temperature:	-40 °C to 65 °C
Mounting type:	Panel mount keyboard attached with glue (adhesive)	Printing procedure:	Silk screen printing
Material:	Front panel made of hardened glass	Operating systems:	Windows®, MacOSX®, Linux® *

Information for ordering:

Cat.Nr.	Product description	Layout	Version
KR23220	TKR-103-TOUCH-ADH-USB-DE	German	without base protection plate
KR23221	TKR-103-TOUCH-ADH-USB-US/EU	US /EU	without base protection plate
KR23223	TKR-103-TOUCH-ADH-USB-FR	French	without base protection plate

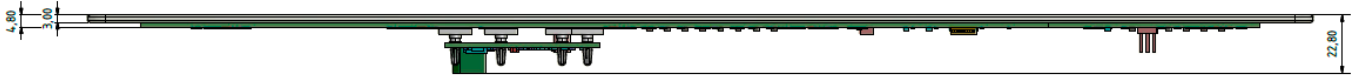
Other layouts, configurations and interfaces available on request.

* If OS and Hardware meet the requirements of USB2.0 compliance.

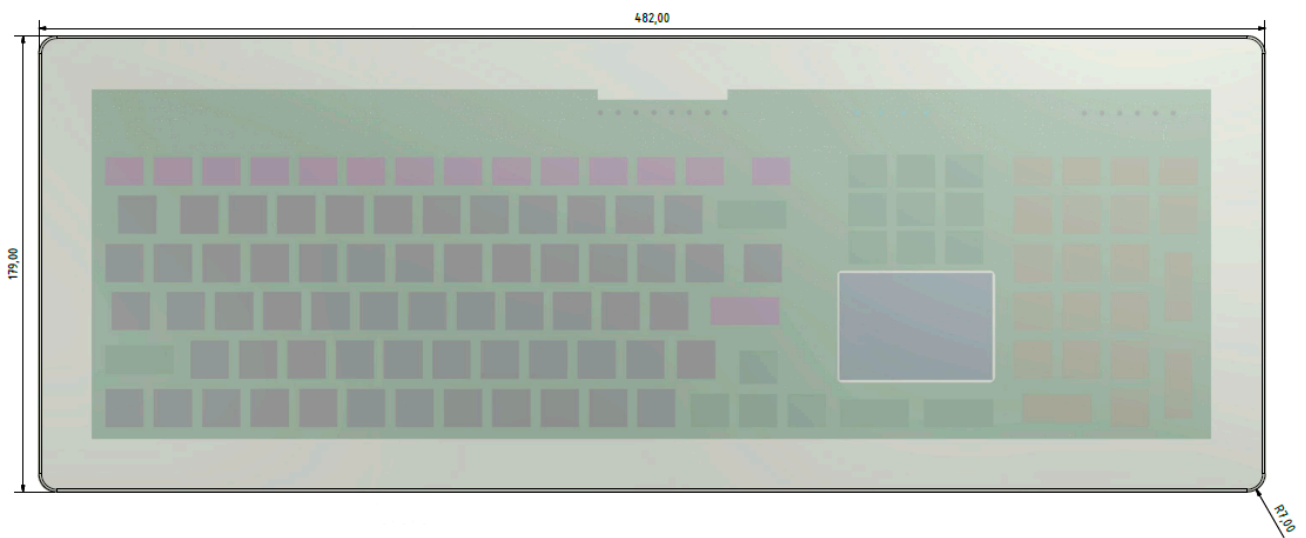
Subject to modifications and errors!

TECHNICAL DRAWINGS (in mm):

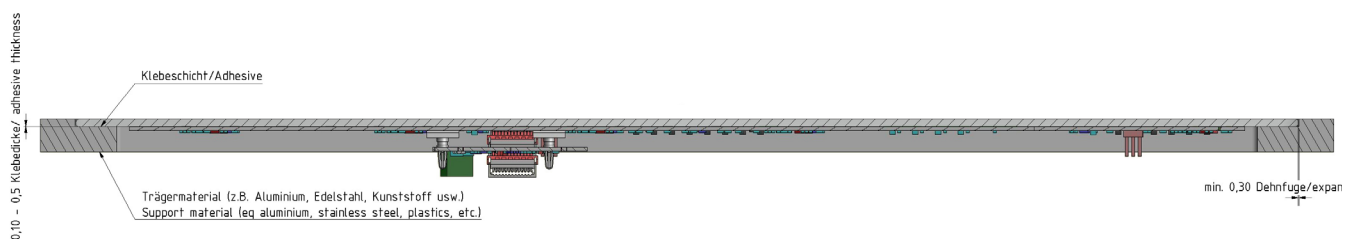
Long side (without protection plate)



Top view



Cross section when inserting (without protection plate)



Subject to modifications and errors!

RECOMMENDED ADHESIVES FOR INSERTION

Gluing on the non-printed glass side (insertion from rear)

Supporting material	3M Scotch Weld DP8805NS (liquid) max. load-bearing capacity * (N)	3M 5952VHB (sticking tape) max. load-bearing capacity * (N)	3M 4932VHB (sticking tape) load-bearing capacity * (N)
Wood	130	25	38
Aluminium	450	25	62
Powder-coated metal	43	40	28
Corian	270	26	35
Anodised aluminium	450	30	45
Stainless steel	450	35	71

* Compression force against the direction of insertion; tests conducted in ideal insertion conditions.

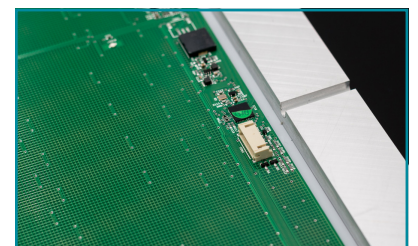
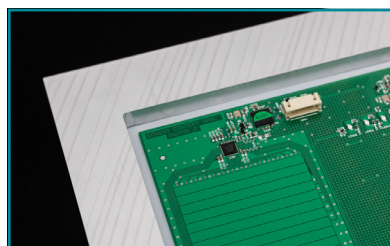
Gluing on the printed glass side (insertion from front)

Supporting material	3M Scotch Weld DP8805NS (liquid) max. load-bearing capacity* (N)	3M 5952VHB (sticking tape) load-bearing capacity * (N)	3M 4932VHB (sticking tape) load-bearing capacity * (N)
Wood	90	19,3	39,1
Aluminium	450	37,2	53,1
Powder-coated metal	55	33,9	22,1
Corian	250	28,5	37,1
Anodised aluminium	450	34,5	57,6
Stainless steel	450	45,5	60,6

* Compression force against the direction of insertion; tests conducted in ideal insertion conditions.

INSTALLATION DETAILS

- An expansion joint of at least 0.3 mm must be provided right round the glass
- Silicone, acrylic or joint tape must be used as the seal for the joint
- A gap of at least 5 mm must be provided between the circuit board and metal parts, right round the unit and at the rear
- We recommend additional tension relief for the cable

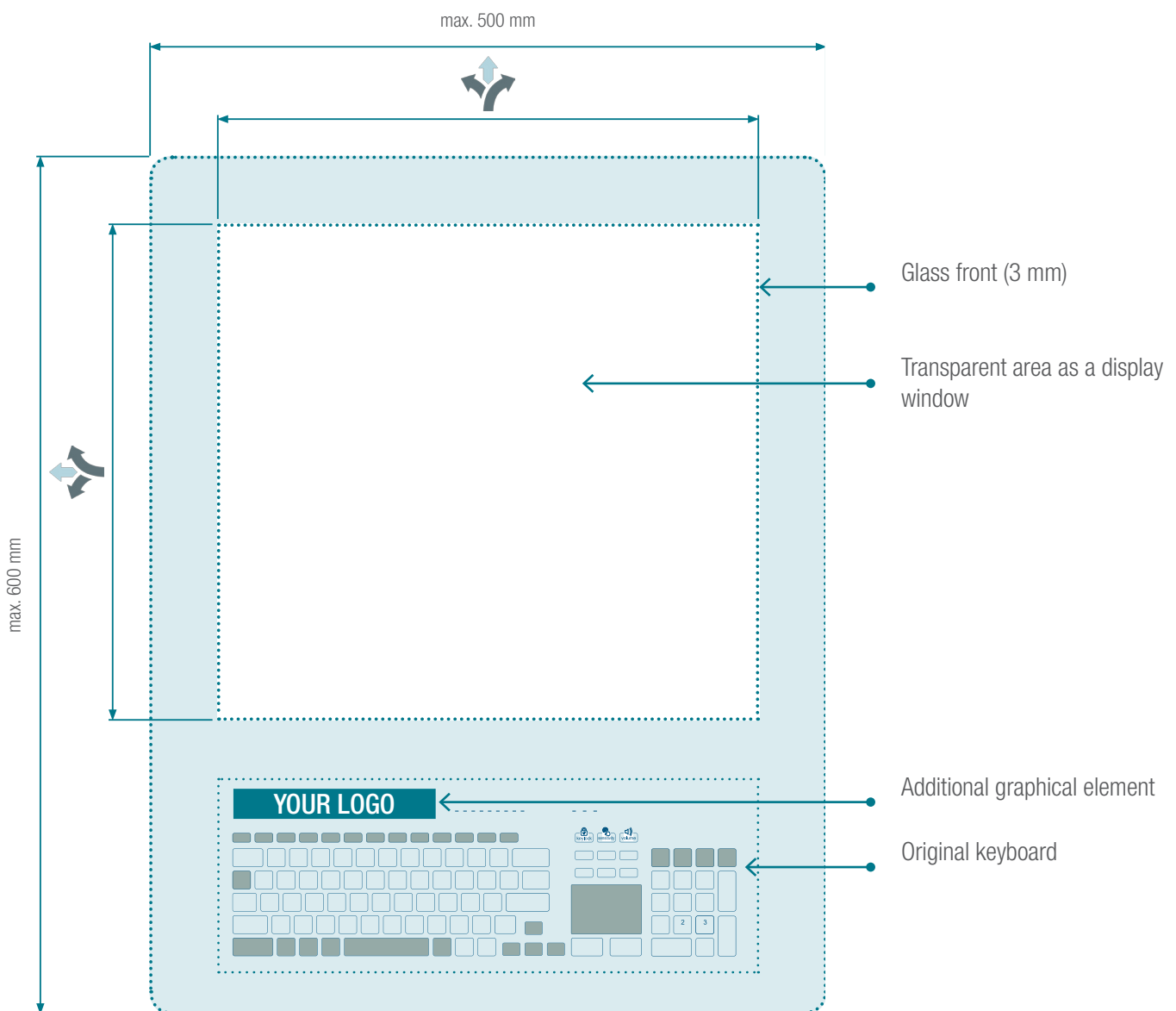


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INDIVIDUALISATION OPTIONS AT A GLANCE

- Different front glass size
 - maximum width/length 500 x 600 mm
- Cable shortening
- Individual glass printing (colours similar to RAL/HKS/Pantone)
 - Country layouts
 - Individual operating designs
 - Additional graphical elements (logos, symbols etc.)
- Programming for special key functions hende F

CUSTOMISED OPTIONS



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