



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司

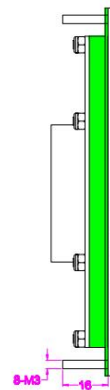
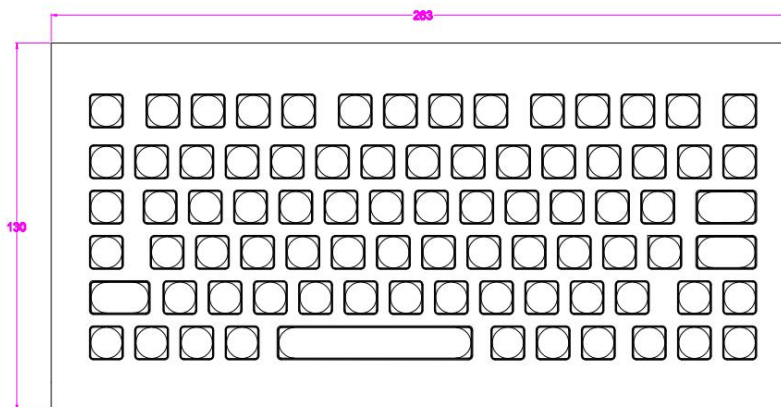


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MODEL NO.: K-TEK-M263-FN-BL-BT-DWP

DESCRIPTION: 82 keys compact format IP65 dynamic water proof & vandal proof stainless steel industrial keyboard with individual robust & durable polymer keys, function keys F1, F2, ...F11, F12 are on the top line for easy operation, totally sealed and ruggedized industrial PCB with carbon-on-gold key switch technology with long stroke 1.50mm with extremely good tactile feeling for fast and accurate data input without any noise, FN + Clean combination key lock/disable the keyboard for easy cleaning and washing without taking out the keyboard from PC, one complete silicone rubber along the top stainless steel plate for easy mounting & sealing tightly with cabinet, top stainless steel plate with welded studs for top panel mounted. High quality scratch-proof durable black titanium electroplated on the top stainless steel plate optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc. Adjustable backlight included. (RED, BLUE, WHITE etc.)

Dimensions: 263.0mm*130.0mm (front panel)





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MAIN FEATURE

The keyboard can be dynamic washable with water and other liquids, it can work well even under direct water pouring on the keyboard.

The full keyboard can be locked/disabled via **FN + Clean** combination keys for easy cleaning without taking the keyboard away from PC, and avoid mis-operation or mis-typing.

Imposing stainless steel design with durable and scratch-proof black titanium electroplated, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level.

Durable and scratch-proof black titanium electroplated stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.

Waterproof execution according to IP65 Dynamic protection from top panel and other sides without including the bottom side, rear stainless steel plate and sealing gasket with mounting holes or easy tightly mounting to enclosure or panel.

An excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation.

Any keyboard layouts are available, key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.

Polymer keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.

Ease of customizing with multiple languages, to accommodate foreign or custom variants.

Complete electronic modules including controller in close consultation with our customers are available.

PS/2, USB connection plug-and-play with PC via PC existing OS driver, no needing of install separate driver.

MECHANICAL DATA	
Actuator/keys	82 keys, durable and robust polymer keys
Key top style	Protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available
Actuator/keys materials	Polymer
Front Plate	1.5mm thickness super quality brushed stainless steel
Back Plate	1.5mm thickness super quality brushed stainless steel
Key Size	14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 70.0mm for space bar
Key travel	1.50mm±0.10mm
Actuation Force	2.0±0.2N for key 14.0mm x 14.0mm (pressure point), 3.5±0.2N for key 14.0mm x 28.0mm (pressure point)
Switch life	more than 5 million of operations
Lettering	laser-etched or high quality ink print
G.W.	1.40KGs
ELECTRICAL DATA	
Supply Voltage	DC +5V±5%
Current Rating	30mA for keyboard without backlight. 300mA for keyboard with backlight on.
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years





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Switch Contact Material	Carbon-on-Gold key switch technology PCB
Interface	PS2, USB available
OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).
ENVIRONMENTAL ADAPTABILITY	
Operating temperature	-20°C to +65°C
Storage temperature	-30°C to +75°C
Operating RH	30-90%
Atmospheric pressure	60-106Kpa
Saline mist	96 hours, IEC 60512-6
Damp heat test at +40°C	21 days, IEC 60512-6
Dry heat test at +85°C	10 days, IEC 60512-6
RELIABILITY	
RoHS Compliant, CE and FCC, ESD	
Protection Level	IP65 dynamic
Vandal resistant	IK09
Key Lifespan	>5 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATIONS	Vehicle, aerospace, naval, defense, maritime, Radar, console, portable rugged laptop, UAV ground station etc.

