

Data Sheet

ARMADEX EX BT-KEY-02

Explosion Proof Keyboard



Supplied by

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Explosion Proof Keyboard

Armadex Ex BT-Key-02

ATEX and IECEx Certified



Key Benefits

- Suitable for ATEX and IECEx Zone 2 & 22
- For Windows, Android, MacOS
- Including charger
- Resistant to dirt, dust, water, ice and corrosives
- Bluetooth Connection
- Extremely Rugged and Lightweight
- Long Battery Life



Rechargeable Bluetooth Keyboard

The Armadex Ex BT-Key-02 is a rechargeable Bluetooth keyboard. Ex BT-Key-02 is a perfect fit for the oil and gas-, pharmaceutical-, chemical- and food industry. This Ex keyboard is based on iKey's rugged industrial design and compatible with Windows 7, 8, 9, 10, 11 and Android. The Ex keyboard can be paired with desktop PC's, laptops, Android tablets and Android Phones. The keyboard has a built-in touchpad and is made of industrial silicone rubber and a rugged ABS polycarbonate case. Another strength is the ease of use; pair the keyboard with one press of a button, in less than 30 seconds.

Explosion Safety Specifications ATEX and IECEx

EU Directive	2014/34/EU (ATEX 114)
ATEX Certificate	KSCP 24ATEX0009 X
ATEX Marking Gas	II 3G Ex ic IIC T6 Gc
ATEX Marking Dust	II 3D Ex ic IIIB T85°C Dc
IECEx Certificate	IECEx KSCP 24.0011X
IECEx Marking Gas	Ex ic IIC T6 Gc
IECEx Marking Dust	Ex ic IIIB T85°C Dc

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Armadex Ex BT-Key-02 Characteristics

The Armadex Ex BT-Key-02 is a truly compact model, measuring only 30.5 centimeters in width and 19.5 centimeters in length. The feet of the device are made from rubber, therefore the keyboard won't slip when placed on most surfaces. Due to its design, the fully sealed keyboard does not collect dust or moisture between or under the keys. Innovative feature: the special clean mode which is designed to make cleaning the keyboard extremely easy and efficient. By activating the clean mode, all keys are temporarily disabled, allowing users to wipe down (with disinfectants) the keyboard without triggering any unwanted actions. Charging and other maintenance must be done outside of the hazardous area.

Battery Life

The Rechargeable Lithium Ion Battery is combined with several power saving features in order to get the longest battery life. Sleep mode turns on after approximately 30 minutes, ensuring the battery does not drain when the device is not being used. In sleep mode, the ATEX keyboard is put into a low power state, ensuring that the device can be quickly used again. The expected battery life during average use is 3 weeks.

Wireless functionality

Wireless Bluetooth connection may be established and utilized over a maximum distance of 10 (30 ft.) meters between the Ex keyboard and the paired device. The signal will pick up automatically after moving out of range, once you are close enough to the host device. When this fails, it is advised to pair the devices once more.

Signal LEDs

The explosion proof keyboard is equipped with several Signal Leds. These LEDs indicate: low battery, charging modus, Scroll Lock (enables to scroll without a mouse, using the up, down, left and right arrow keys), Num Lock, Bluetooth, Power (on/off) and finally, Caps Lock.

Shock	3x11 ms pulses of 50g on each of 3 axis	
Key Switch	Material	Industrial Silicone Rubber LIFE: Greater than 10 million cycles
	Travel	0.055"
	Actuation Force	7.05 oz +/- 1.06 oz (200g +/- 30g)
	Feedback	Tactile with Mechanical Snap
Power	Rechargeable Lithium Ion Battery	
Compatibility	All Windows Operating Systems and Android	

Temperature Range	Storage	-40F to +158F (-40C to +70C)
	Operating	32F to +140F (0C to +60C)
Weight	1.2 +/- 0.10 lbs (0.54 +/- 0.05kg)	
Warranty	1 Year	
Humidity	100% Humidity Resistant	
Dimensions	30.5 x 19.5 x 5 cm	
Model Number	Armadex Ex BT-Key-02	

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