

BT-87-TP-NI

Bluetooth®-Compatible, Nonincendive Keyboard

The BT-87-TP-NI is a Bluetooth®-compatible, nonincendive keyboard built for use in hazardous locations and is FM-approved for Class I, Division II, Groups A, B, C and D. This fully-sealed keyboard is designed to meet NEMA 4X specifications, meaning it is resistant to dirt, dust, water, ice and corrosives. Built with an industrial silicone rubber keypad and a rugged ABS polycarbonate case, the BT-87-TP-NI is submersible and easy to clean with disinfectants. The compact design, integrated touchpad and internal Bluetooth® module make the BT-87-TP-NI highly portable. The BT-87-TP-NI requires 2 AA batteries for power and does not require a USB dongle if your computer has an internal Bluetooth® radio.



Technical Specifications

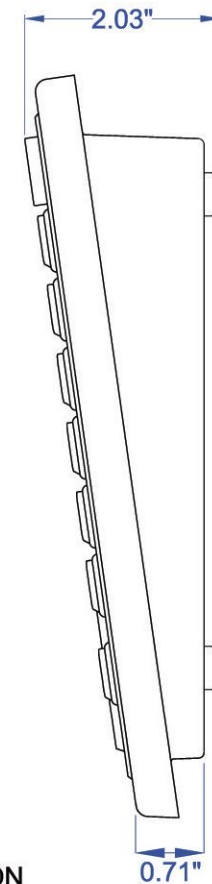
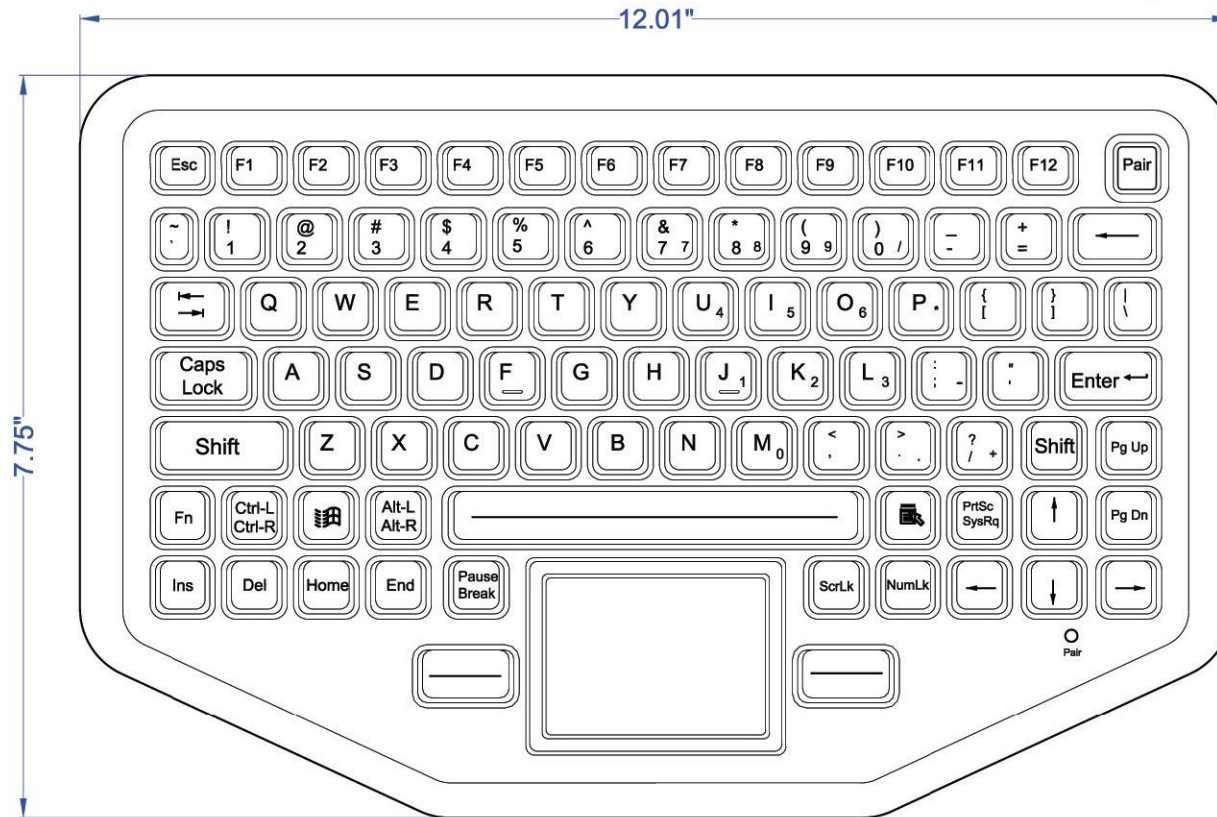
Certifications	NEMA 4X, CE UL60950, FCC Part 15, Class B Factory Mutual Class I, Division II, Groups A, B, C and D
Shock	3 x 11 ms pulses of 50g on each of 3 axes
Key Switch	MATERIAL: Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4 mm) ACTUATION FORCE: 7.03 oz +/- 1.06 oz. (200g +/- 30g) FEEDBACK: Tactile with Mechanical Snap
Vibration	POWER SPECTRAL DENSITY: .04g/HZ FREQUENCY RANGE: 20Hz-2Khz DURATION OF TEST PER AXIS: 3 hours
Power	Bluetooth®: 2 AA Batteries
Compatability	All Windows OS
Temperature Range	STORAGE: -40C to +65C (-40F to +149F) OPERATING: 0C to +60C (+32F to +140F)
Weight	2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)
Warranty	1 year limited
Humidity	100% Humidity Resistant
Dimensions	12.01" x 7.75" x 2.03" (w-h-d) 305.54 mm x 196.85 mm x 51.56 mm
Model Numbers	BT-87-TP-NI

Features and Benefits

- 12 Function Keys
- Class 2 Output Power
- Nonincendive for Hazardous Environments
- Bluetooth®- compatible version 2.0
- Built-In Mounting Holes
- Integrated Touchpad
- Up to a 30-foot Range

BT-87-TP-NI

DATE	CHANGES	INTL	REV
08.27.09	Original	JB	1.0



KEY SWITCH

MATERIAL: Industrial Silicone Rubber
LIFE: Greater Than 10 Million Cycles
TRAVEL: 0.055 in.
ACTUATION FORCE: 7.05 oz. +/- 1.06oz (200g +/- 30g)
FEEDBACK: Tactile with Mechanical Snap

POWER

BLUETOOTH WIRELESS:
 Two AA batteries specified on Control Drawing HL0010

TEMPERATURE RANGE

STORAGE: -40°F to +149°F (-40°C to +65°C)
OPERATING: +32°F to +140°F (0°C to +60°C)

HUMIDITY

100% Humidity Resistant

VIBRATION

POWER SPECTRAL DENSITY: .04g²/HZ
FREQUENCY RANGE: 20Hz-2Khz
DURATION OF TEST PER AXIS: 3 hours

SHOCK

3 X 11 ms pulses of 50g on each of 3 axis

WEIGHT

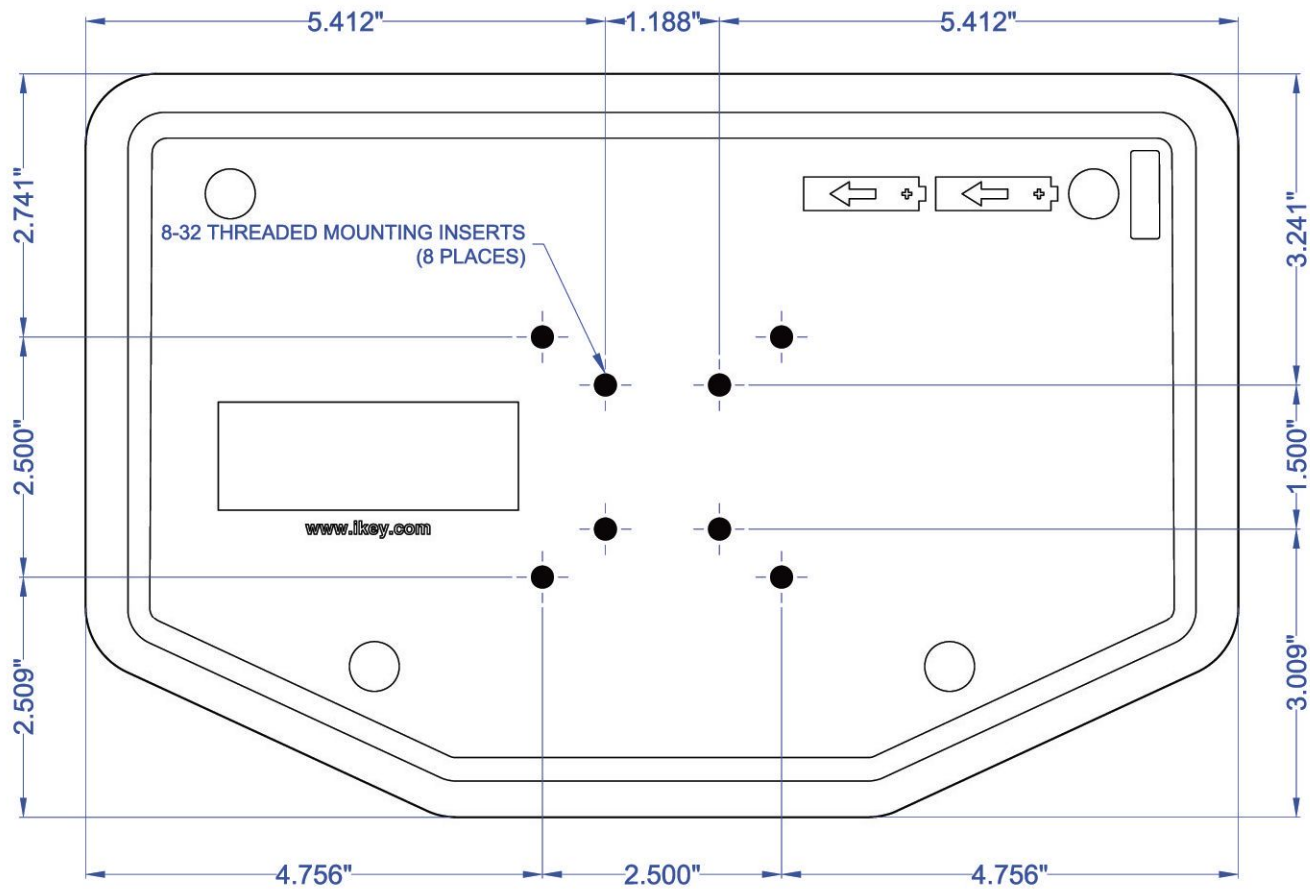
2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

Part Number: BT-87-TP-NI	Drawing Number: MKT0214	Sheet: 1 OF 2
Drawing Title: BT-87-TP-NI-MKT	Revision: 1.0	Date: 08.27.09 JWB

BT-87-TP-NI BACK / MOUNTING



ENCLOSURE CASE: ABS/Polycarbonate

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

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