

FT-86-911-TP

Backlit Keyboard with Integrated Touchpad

The FT-86-911-TP keyboard is designed for vehicle mount in emergency, police, service, transport and marine vessels. With a full-travel keystroke, the FT-86-911-TP feels like a regular keyboard while maintaining the rugged standards of all iKey products. The FT-86-911-TP is now built with laser-etched keys for improved backlighting performance. Ideal for in-vehicle use, the FT-86-911-TP features red LED backlit keys for low-light environments, a one-touch emergency key and an integrated touchpad.



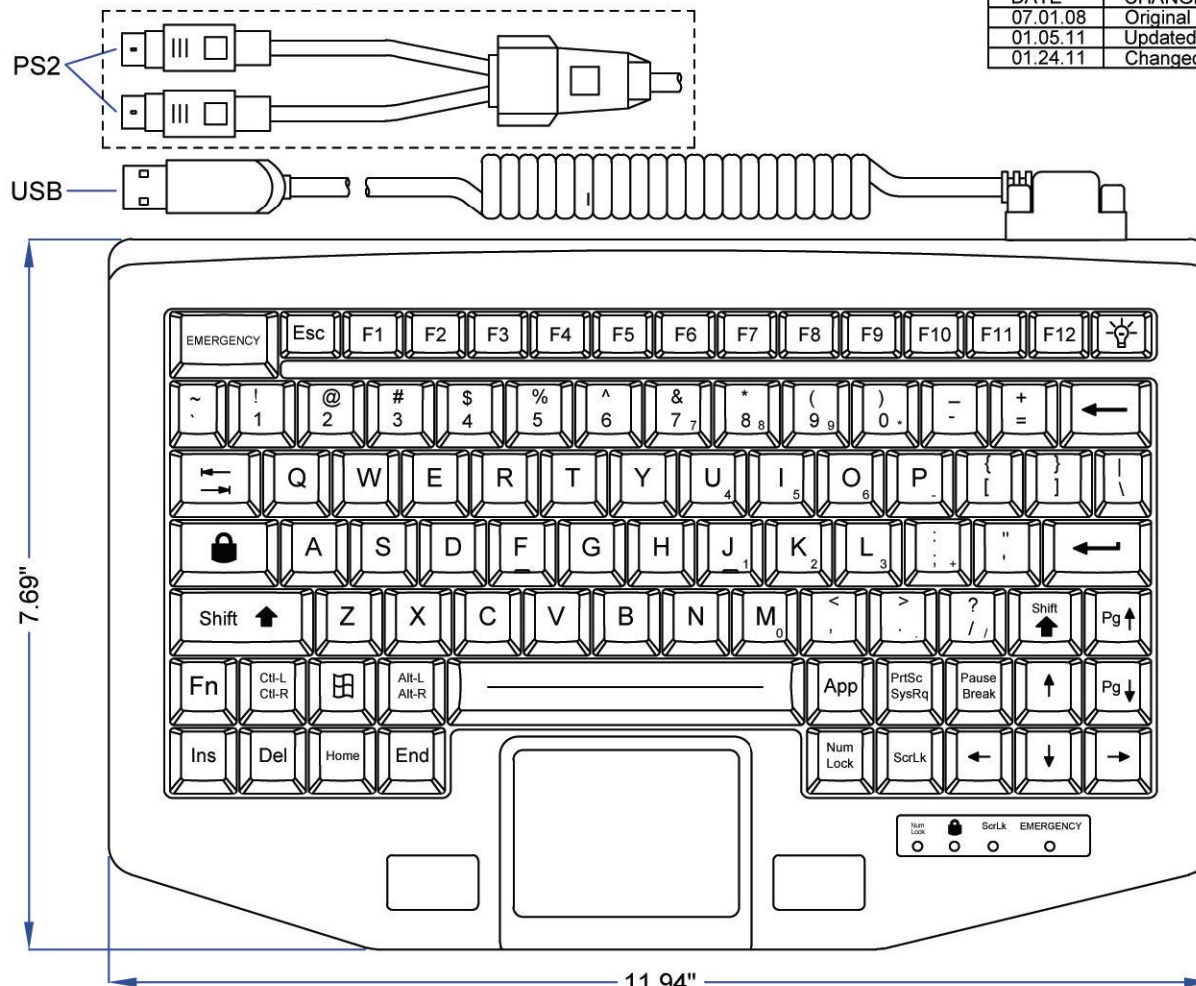
Technical Specifications

| | |
|-------------------|--|
| Certifications | UL60950, CE, FCC Part 15, Class B, IP55 |
| Shock | 3x11 ms pulses of 50g on each of 3 axes |
| Cable | LENGTH: 4 ft coiled (1.2m) DESIGN: swappable PS/2-Y (providing separate keyboard and mouse connections), or Single-Cable USB |
| Key Switch | MATERIAL: ABS/Poly-carbonate plastic LIFE: Greater than 10 million cycles TRAVEL: 0.120 in. (3.0mm) ACTUATION FORCE: 2.2 oz +/- 0.18 oz (62.39g +/- 5g) FEEDBACK: Tactile with mechanical snap |
| Vibration | POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2kHz DURATION OF TEST PER AXIS: 3 hours |
| Power | PS2: KEYBOARD: 315mA@5V (from Keyboard port) TOUCHPAD: 10mA@5V (from Mouse port) USB: 325mA@5V (from CPU port) |
| Compatability | PS/2 KEYBOARD/TOUCHPAD: All Windows Operating Systems USB KEYBOARD/TOUCHPAD: All Windows and Macintosh OS |
| Temperature Range | Storage -40C to +90C (-40F to +194F) Operating -40C to + 70C (-40F to +158F) |
| Weight | 2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg) |
| Warranty | 1 Year Limited Warranty |
| Humidity | 85% Humidity Resistant |
| Dimensions | 11.94" x 7.69" x 1.68" (w-h-d) 303.3mm x 195.3mm x 42.7mm |
| Model Numbers | FT-86-911-TP-PS2: With PS/2 cable FT-86-911-TP-USB: With USB cable |

Features and Benefits

- 12 Function Keys
- Integrated Backlighting
- Lightweight ABS Polycarbonate Case
- One-Touch Emergency Key
- 88-Key Functionality
- Integrated Touchpad
- Mobile Mounting Holes

FT-86-911-TP



| DATE | CHANGES | INTL | REV |
|----------|---------------------|------|------|
| 07.01.08 | Original | | 1.00 |
| 01.05.11 | Updated Temp Spec | JMW | 1.1 |
| 01.24.11 | Changed lineweights | TWH | 1.2 |

KEY SWITCH

MATERIAL: ABS/Polycarbonate
 LIFE: Greater Than 10 Million Cycles
 TRAVEL: 0.120 in.
 ACTUATION FORCE: 2.20 oz. +/- 0.18 oz (62.39g +/- 5g)
 FEEDBACK: Tactile with Mechanical Snap

TEMPERATURE RANGE

STORAGE: -40°F to +194°F (-40°C to +90°C)
 OPERATING: -40°F to +158°F (-40°C to +70°C)

VIBRATION

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

POWER

PS2: KEYBOARD: 315mA@5V (from Keyboard port)
 TOUCH PAD: 10mA@5V (from Mouse port)
 USB: 325mA@5V (from CPU port)

HUMIDITY

85% Humidity Resistant

SHOCK

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

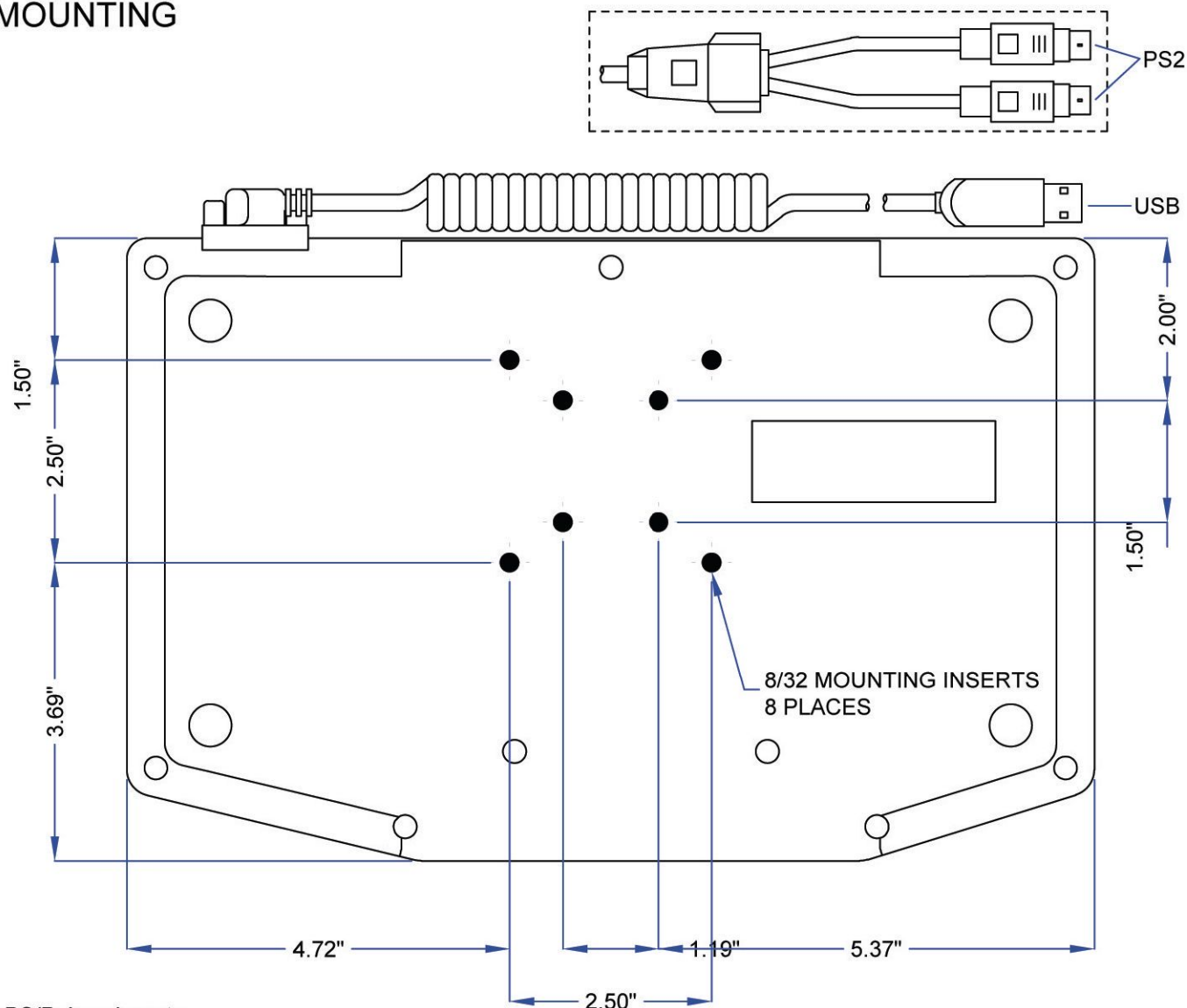
WEIGHT

2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg)

SCALE: 1:2

| | | |
|---------------------------------|-------------------------|--------------------|
| Part Number: FT-86-911-TP | Drawing Number: MKT0114 | Sheet: 1 OF 2 |
| Drawing Title: FT-86-911-TP-MKT | Revision: 1.2 | Date: 01.24.11 TWH |

FT-86-911-TP MOUNTING



SCALE: 1:2

Part Number: FT-86-911-TP

Drawing Number: MKT0114

Sheet: 2 OF 2

Drawing Title: FT-86-911-TP-MKT

Revision: 1.2

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TWH



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