

# STANDARD KEYBOARD

## KEYBOARD WITH BUILT-IN POINTING DEVICE

### FKB8735 SERIES



#### ■ FEATURES

- FKB8725 based with built-in ErgoTrac pointing device / 2-button mouse compatible
- Compatible with AT and PS/2
- Supports Windows®95 keyboard function
- Excellent operation
  - Curved keyswitch panel
  - Full-travel 3.8 mm (0.149 in.) keystroke, 55 g operating force (1.936 oz.), 20 g (0.704 oz.) tactile response
  - Soft tactile feedback ultra silent
- High quality and reliability
- Laser printed keycaps meet environmental requirements
- Available in traditional ivory or light grey colors

#### ■ MAIN APPLICATIONS

- Desktop type personal computer
- Multi-media equipment
- Workstation

#### ■ CONSTRUCTION

- With enclosure and interface cable

# FKB8735 SERIES

## ■ SPECIFICATIONS

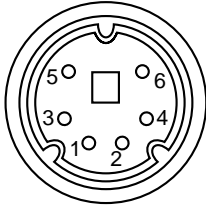
| Item                       |                       | Specification   |
|----------------------------|-----------------------|---|
|                            |                       | FKB8735 series  |
| Mechanical                 | Number of Keys        | (1) U.S. : 104 keys<br>(2) Europe: 105 keys   |
|                            | Key Switch Type       | Membrane switch   |
|                            | Keytop                | Rectangular cylindrical, Curved sculptured  |
|                            | Operating Force       | 55 gf $\pm$ 25 gf (1.936 $\pm$ 0.88 oz.)  |
|                            | Stroke                | 3.8 mm $\pm$ 0.5 mm (0.149 in. $\pm$ 0.019 in.)   |
|                            | Tactile               | 20 gf typ. (0.704 oz.), Soft  |
|                            | Operating Life        | 10 M operations min.  |
|                            | Tilt                  | 2 levels  |
| Electrical                 | Power Supply          | +5 V $\pm$ 0.25 V DC, 100 mA max.   |
|                            | Interface             | Serial transmission (clock synchronous type); keyboard is AT and PS/2 compatible; Mouse function is PS/2 only |
|                            | Interlock             | F-key rollover  |
|                            | Connector             | Mini-DIN 6 pin/DIN 5 pin (D-sub 9-pin for serial ErgoTrac) see drawings                                       |
| Pointing Device (Built-in) |                       | ErgoTrac pointing device ( 2 button)<br>—Unique magnet field detection technology                             |
| Environment                | Operating Temperature | +10 to 50°C   |
|                            | Storage Temperature   | -10 to 60°C   |
|                            | Humidity              | 90% RH max. at +40°C max. inversely proportional change to 50% RH at 60°C                                     |

## ■ PART NUMBERS

| Part Number  | Number of Keys | Key Arrangement | Connector   | Notes                                     |
|--------------|----------------|-----------------|---|---|
| FKB-8735-101 | 104            | U.S             | Keyboard: MiniDIN 6pin<br>Pointing Device: MiniDIN 6pin | Windows 95<br>Ivory color                 |
| FKB8735-151  | 104            | U.S             | Keyboard: MiniDIN 6pin<br>Pointing Device: MiniDIN 6pin | Windows 95<br>Light gray color            |
| FKB8735-201  | 104            | U.S.            | Keyboard: MiniDIN 6pin<br>Pointing Device: MiniDIN 6pin | Windows 95<br>Ivory color<br>Fujitsu logo |
| FKB8735-801  | 104            | U.S.            | Keyboard: DIN 5pin<br>Pointing Device: D-sub 9pin       | Windows 95<br>Ivory color<br>Fujitsu logo |

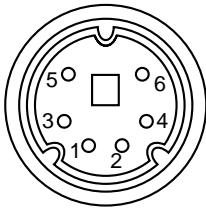
## ■ CONNECTOR PIN ASSIGNMENT

Mini DIN 6-pin (keyboard)



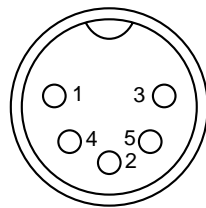
| Pin number | Signal name |
|------------|-------------|
| 1          | Data        |
| 2          | —           |
| 3          | GND (SG)    |
| 4          | +5 V        |
| 5          | Clock       |
| 6          | —           |
| SHELL      | GND (FG)    |

Mini DIN 6-pin (pointing device)



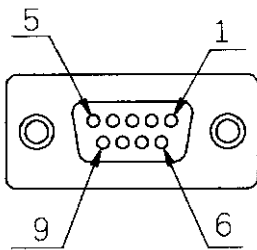
| Pin number | Signal name |
|------------|-------------|
| 1          | Data        |
| 2          | —           |
| 3          | GND (SG)    |
| 4          | +5 V        |
| 5          | Clock       |
| 6          | —           |
| SHELL      | GND (FG)    |

DIN 5 pin (keyboard)



| Pin number | Signal name |
|------------|-------------|
| 1          | Clock       |
| 2          | Data        |
| 3          | —           |
| 4          | GND (SG)    |
| 5          | +5 V        |
| SHELL      | GND (FG)    |

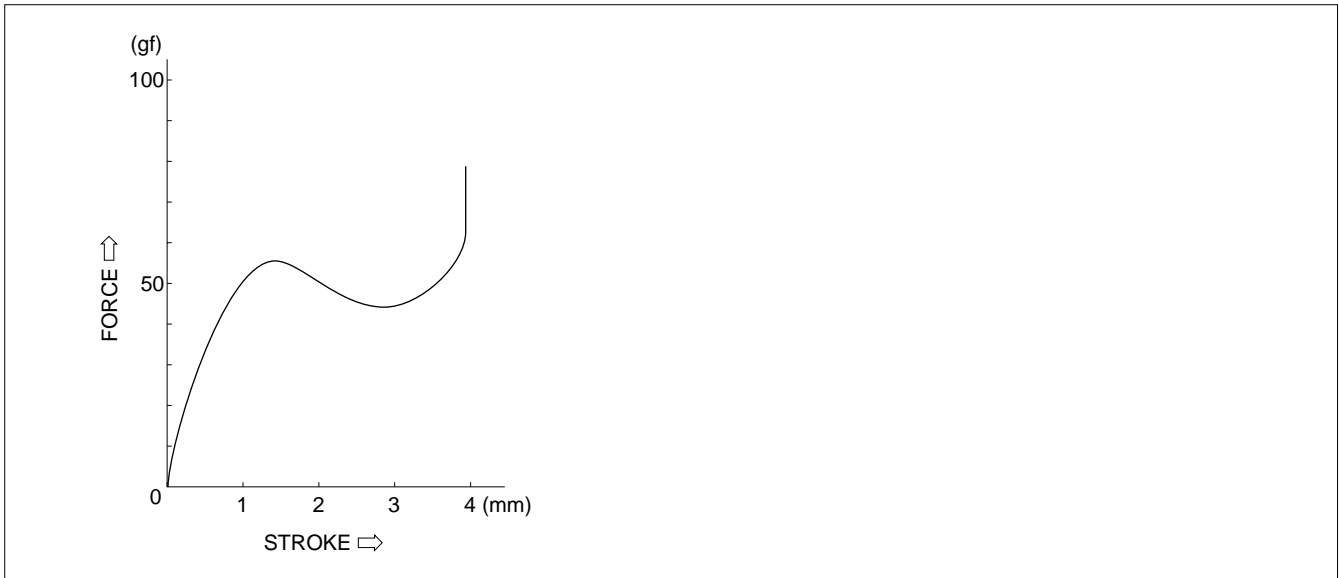
D-Sub 9 pin (pointing device)



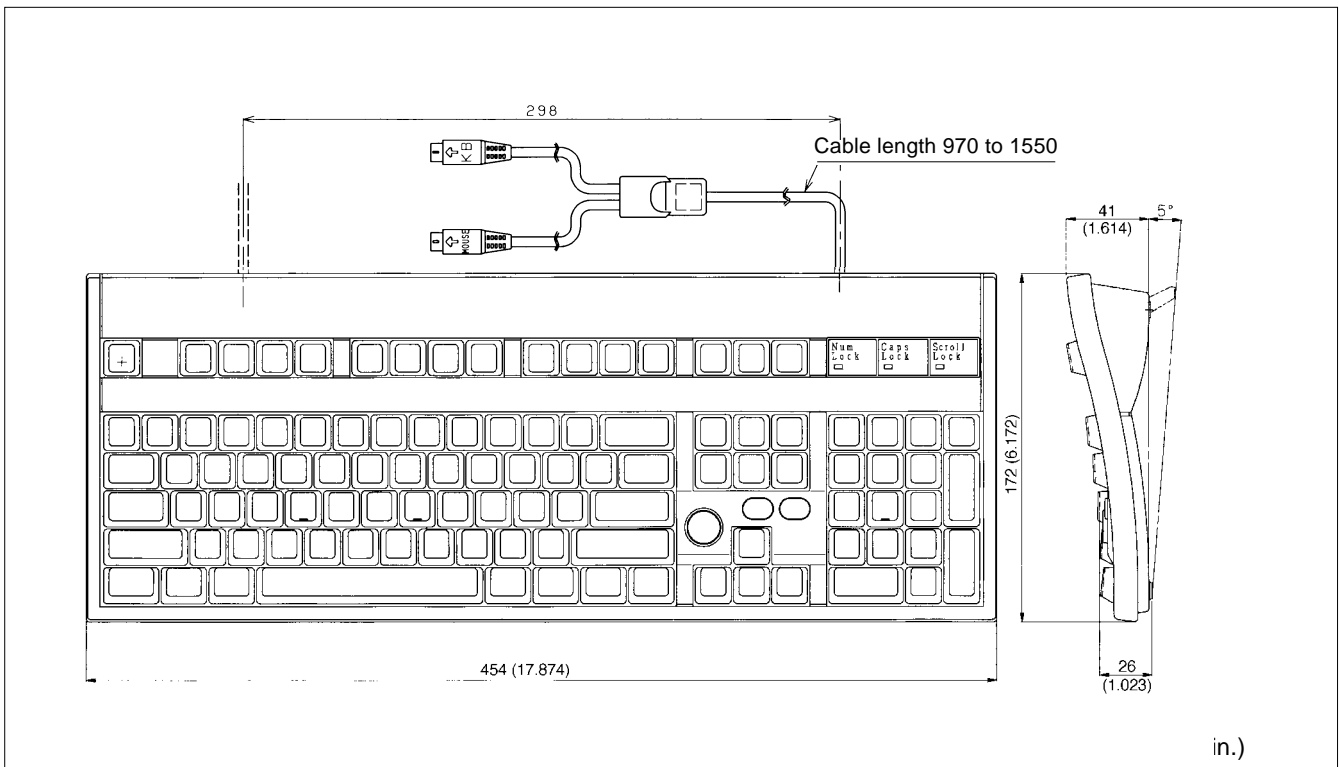
| Pin number | Signal name |
|------------|-------------|
| 1          | N.C.        |
| 2          | M. DATA     |
| 3          | M. -VDD     |
| 4          | N.C.        |
| 5          | GND         |
| 6          | N.C.        |
| 7          | M. +VDD     |
| 8          | N.C.        |
| 9          | N.C.        |
| SHELL      | F.G.        |

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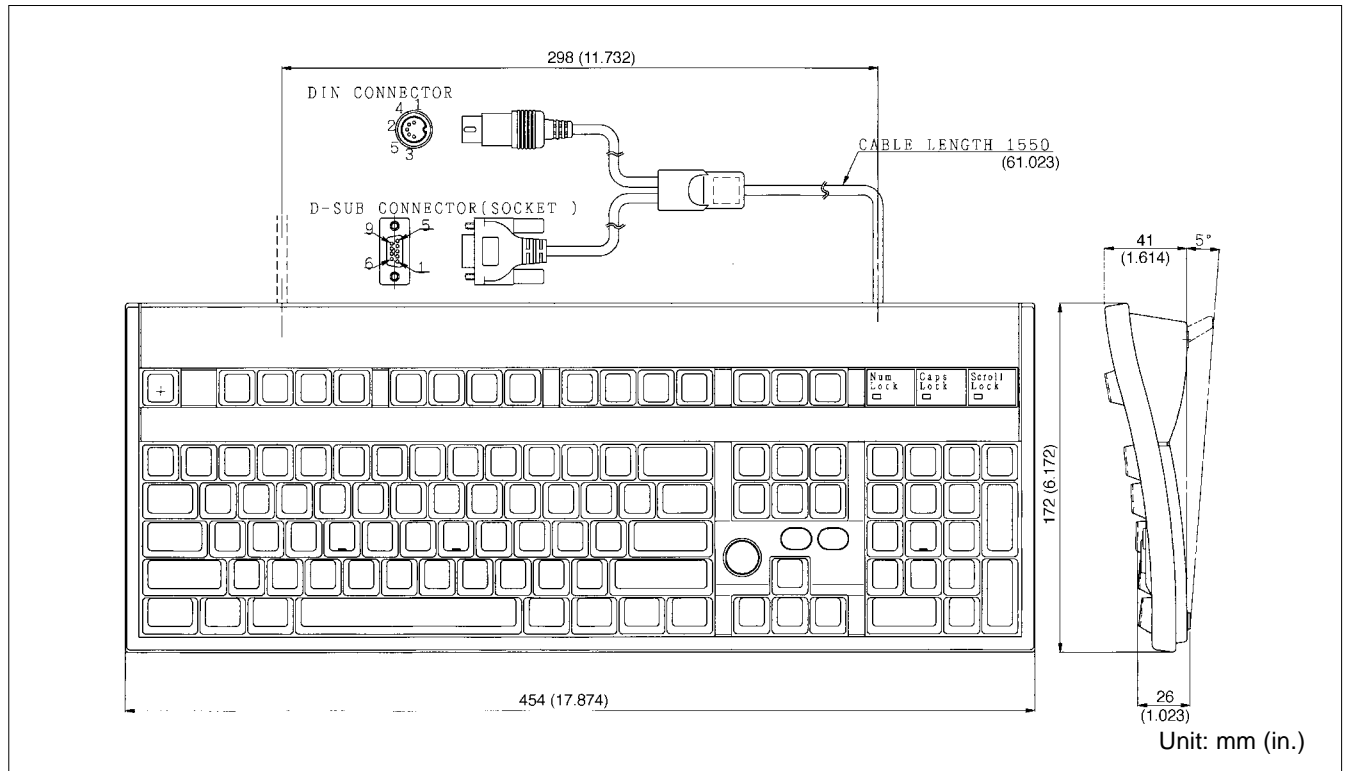
## ■ OPERATING FORCE AND TRAVEL CHARACTERISTICS



## ■ DIMENSIONS

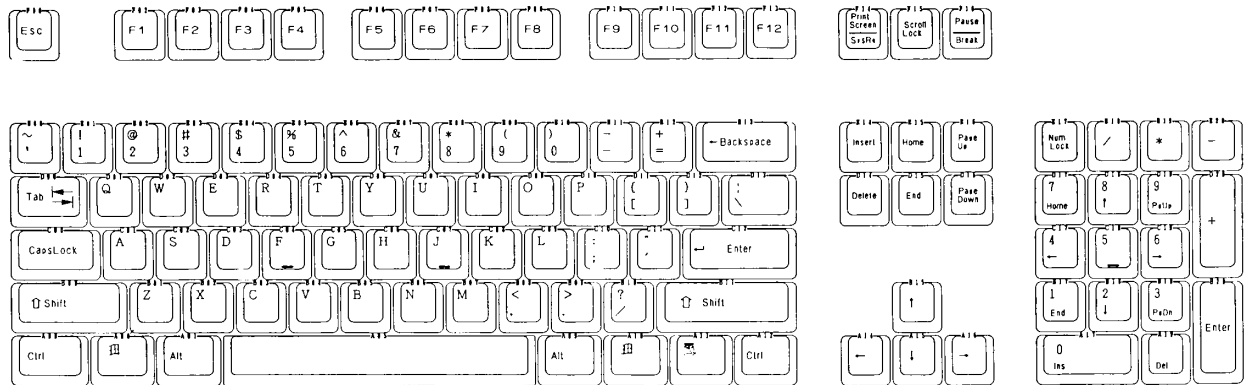


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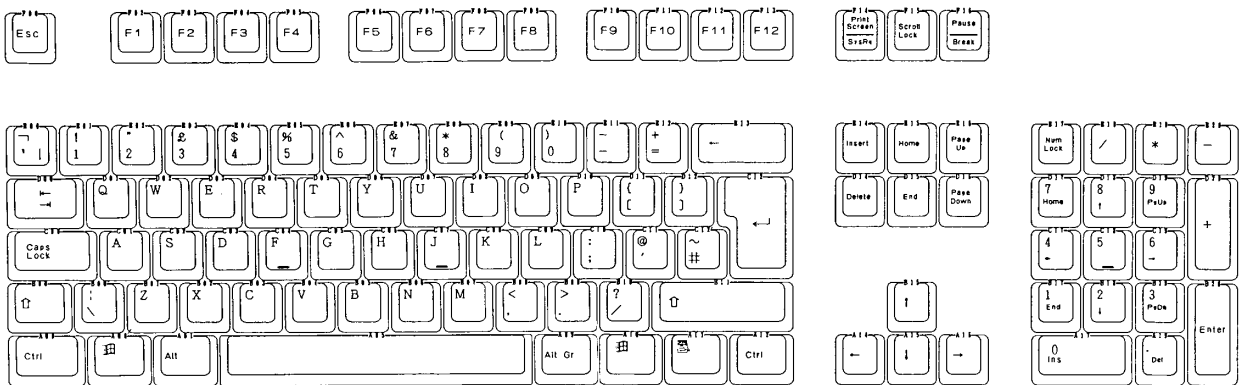


## KEY LAYOUT

### U.S.



### U.K.



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