LK8000 Series
Programmable Keyboards

- **122 key QWERTY keyboard with touchpad and 2 mouse buttons**
- **Optional integrated magnetic stripe reader**
- **All 122 keys are programmable; 46 keys are relegendable and programmable**
- **Multiple layers of key definitions and multiple shift levels**
- **Programmed with a powerful Windows-based programming utility software**
- **Create program layout for multiple keyboards – programming utility saves templates in data files**
- **Programmable inter-character and inter-string time delays**
- **Patented wedge port technology to daisy chain barcode scanner and or other external keyboard devices**
- **Full travel key switches**
- **Programmable without special programming switches, programming kits, TSR programs or the need for internal batteries.**
- **Multiple interface options: PS2 (standard), optional RS232 or USB**
- **Keylock switch for layer selection**
- **Includes cable and Windows programming utility**

Ideal for PC-Based POS Systems

As more POS workstations move to PC-based systems running Windows or Linux, most retailers need a QWERTY keyboard with a full compliment of function and numeric keys, a touchpad for easy navigation within the POS application, and an optional credit card reader. The LK8000 programmable keyboard is an ideal solution for these omnipresent requirements.

Easy and Advanced Programming

The LK8000 is one of the easiest and most programmable keyboards on the market. All 122 keys are programmable with multiple layers of definitions, and 46 keys are relegendable and programmable. Using a powerful Windows-based programming utility that stores key definitions in a data file, an integrator can create a program layout for multiple keyboards, rather than programming key by key, keyboard by keyboard.
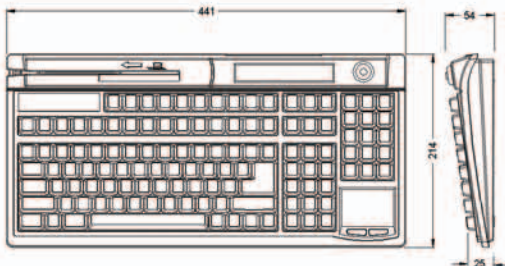
Works with All Systems

The LK8000's I/O ports allow daisy-chaining of other keyboard input devices and barcode scanner. It provides a PS/2, RS232 or USB interface and supports a true keyboard wedge function, operating with or without a computer keyboard.

logic controls
A Bematech Company

LK8000 PROGRAMMABLE KEYBOARD SPECIFICATIONS

MECHANICAL

Weight:	3.0 lbs (1.4 Kg)
Keys:	122 Full Travel keys
	46 Relegendable keys
	Greater than 50 million cycles
MSR:	2 tracks, optional 3 tracks
(optional)	>1,000,000 passes

Dimension (mm):

ELECTRICAL

Input voltage (from computer):
+5.0VDC, +/- 5%
Ripple & noise < 200mvpp

Current:	LK8000 - 25ma
	LK8000M - 50ma

ENVIRONMENT

Operating Temp.	0°C to +50°C
Storage Temp.	-20°C to +60°C
Relative Humidity	
Operating	85% max. non-condensing
Non-operating	90% max. non-condensing
Vibration	4G's at 10 to 55 Hz.
Shock	40G's

INCLUDED PARTS

LK8000/M Programmable POS keyboard
LK8000-to-computer cable
Programming software & Instruction Manual Disk
Blank key legend labels

INTERFACE

PS/2 Keyboard with wedge port, standard
RS232C, optional
USB, optional

Output data format: PS/2 - Scancode
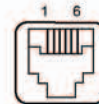RS232C - ASCII code
USB - USB keyboard code

CONNECTOR PINOUT

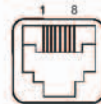### PS/2 Keyboard Interface:

PS/2F
From downstream
keyboard

1 Keyboard data
2 No connection
3 Ground
4 +5VDC
5 No connection
6 Mouse clock

RJ11F
To PC keyboard &
mouse ports

1 Keyboard data
2 Mouse data
3 Ground
4 +5VDC
5 Keyboard clock
6 Mouse clock

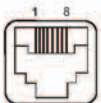### USB Interface:

  RJ45-8F to PC USB Port

1 No connection
2 +5VDC from PC
3 Data D-
4 Data D+
5 Ground
6 Shell ground
7 No connection
8 No connection

RS232C Interface:

  RJ45-8F to PC RS232 & mouse ports

1 RTS to PC
2 +5VDC from PC via mouse port
3 RX data
4 TX data
5 Ground
6 Mouse data
7 CTS from PC
8 Mouse clock