LK1800 Series
Programmable Keyboards

- 132 key, programmable alphanumeric keyboard

- Optional integrated credit card reader

- All 132 keys are programmable; 44 keys are relegendable with transparent key caps

- Multiple layers of key definitions and multiple shift levels

- Keylock switch for layer selection

- Programmed with a powerful Windows-based programming utility software

- Create program layout for multiple keyboards – programming utility saves templates as data files

- Program up to 1800 characters or codes per key

- 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, tactile key switches

- Programmable without special programming switches, programming kits, TSR programs or the need for internal batteries.

- PS2 or USB interface

- Includes cable and Windows programming utility

Ideal for Many Applications

The LK1800 is a programmable alphanumeric keyboard with a full compliment of 61 function and numeric keys and an optional magnetic stripe reader. Furthermore, the unit also has a PS/2 I/O port to enable the daisy-chaining of other input devices such as a scanner or check reader. The LK1800 programmable keyboard is thus an ideal solution for the retail, hospitality, travel, banking, and insurance industries.

Easy and Advanced Programming

The LK1800 is one of the easiest and most programmable keyboards on the market. All 132 keys are programmable and 44 keys are relegendable with transparent key caps. 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. The keys can be programmed with multiple shift levels to further increase the number of effective programmable keys, and a key lock switch is used to select the program layer – e.g., manager override, department 1, department 2, etc.

Works with All Systems

Since the LK1800 comes with either a PS/2 or USB interface and is supported by both OPOS and JPOS drivers, it can be used on just about any Windows or Linux-based system. The LK1800 supports a true keyboard wedge function and can operate with or without another computer keyboard.

LOGIC® CONTROLS
An Innovative Manufacturer Since 1982

LK1800 Programmable Keyboard Specifications

MECHANICAL

Weight:	3.0 lbs (1.4 Kg)
Keys:	132 Full Travel keys 44 Relegendable keys Greater than 50 million cycles
MSR: (optional)	2 tracks, optional 3 tracks >1,000,000 passes

Dimension (mm):

470mm (18.5 inches)   50   214   25
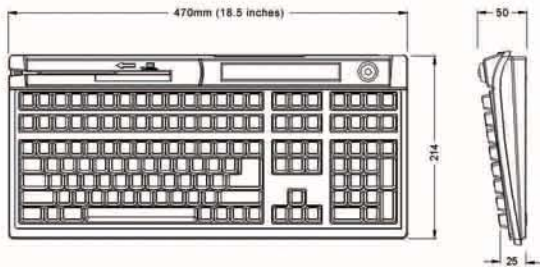
ELECTRICAL

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

Current: LK1800   - 25ma
LK1800M - 50ma

ENVIRONMENT

Operating Temp.	0ºC to +50ºC
Storage Temp.	-20ºC to +60ºC
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

LK1800/M/MT Programmable POS keyboard
LK1800-to-computer cable
Programming software & Instruction Manual Disk
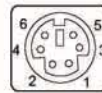**Blank key legend labels**

INTERFACE

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

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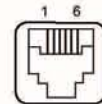RS232C - ASCII code
USB - USB keyboard code

CONNECTOR PINOUT

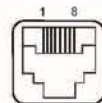### PS/2 Keyboard Interface:

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:
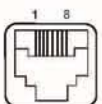
 RJ45-8F to PC RS232 & mouse ports

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