LK7000 PROGRAMMABLE MATRIX KEYBOARD SPECIFICATIONS

MECHANICAL

Weight		
	Basic Unit	2.5lbs.
	with MSR	2.7lbs.
	with Scanner	2.6lbs.
Dimension (in inches)		

	STD	w/MSR
Width	15.7	15.7
Depth	8.5	9.0
Front Height	0.5	0.5
Rear Height	1.8	3.0
w/legs ext.	2.2	3.7

Keys	119, full travel mechanical
Life cycle	>10 million tactile cycles
MSR	2 tracks standard
Life Cycle	300,000 passes
SCANNER	Laser
Class	CDRH Class II
MTBF	100,000 hours

ELECTRICAL

Input voltage (from computer)	+5VDC
Current	
Basic Unit	25ma
MSR	50ma
Scanner	
Standby	15ua
Scan Mode	100ma
Surge	130ma

ENVIRONMENTAL

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 (10 to 55 Hz.)	4G's
Shock	40G's

INTERFACE

Keyboard Wedge	Standard
RS232C	Optional

GENERAL INFORMATION

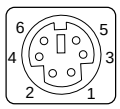
Keyboard interface cable, utility software, and legend labels supplied.

PROGRAMMING THE KEYBOARD

1. Use the utility software supplied to program up to 256 alphanumeric characters per key. Utility program will **write to** and **read from** computer disk memory.
2. Keyboard supports computer control keys (Shift, CTRL, ALT, F1 through F12) and all arrow keys).

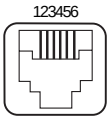
CONNECTOR PINOUTS

J1 (PS/2F) to PS/2 Keyboard



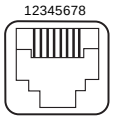
1	Keyboard Data
2	No Connection
3	Ground
4	+5VDC
5	Clock
6	Shield

J2 (RJ11F) to Computer



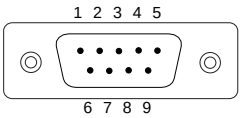
1	Clock
2	Data
3	No Connection
4	Ground
5	+5VDC
6	No Connection

J3 (RJ45F) to MSR



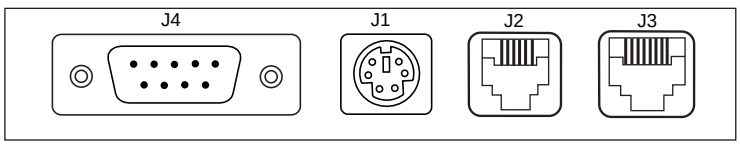
1	$\overline{\text{RDP1}}$
2	$\overline{\text{RCP1}}$
3	$\overline{\text{CLS1}}$
4	$\overline{\text{RDP2}}$
5	$\overline{\text{RCP2}}$
6	$\overline{\text{CLS2}}$
7	+5VDC
8	Ground

J4 (DB9M) RS232C to Computer



1	DCD
2	Receive Data (from computer)
3	Transmit Data (to computer)
4	DTR
5	Ground
6	DSR
7	RTS
8	CTS
9	No connection

Pins 1,4, and 6 are tied together internally
Pins 7 and 8 are tied together internally



CONNECTOR ARRANGEMENT

LOGIC CONTROLS, INC., NY, USA