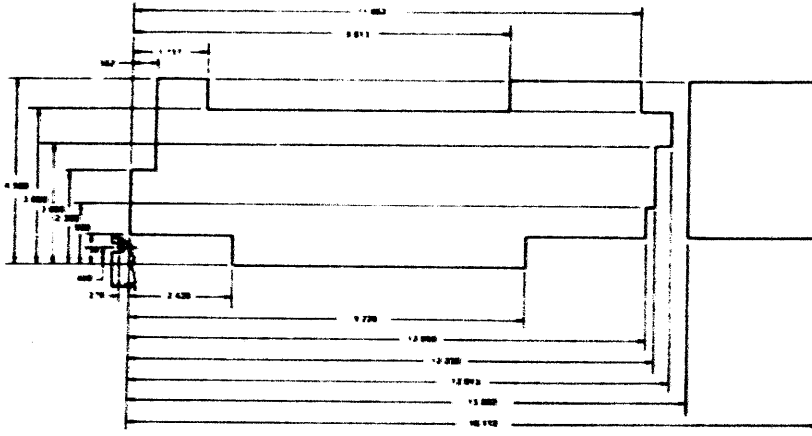


ENCLOSURE CUTOUT

83 KEY VT10U



ASCII CODE TABLE

Key	Unshift	Shift	Control	Control & Shift	Key	Unshift	Shift	Control	Control & Shift
1*	FE	FE	FE	FE	47	00	00	00	00
2	F0	F0	F0	F0	48	D1	D1	D1	D1
3	F1	F1	F1	F1	49	D2	D2	D2	D2
4	F2	F2	F2	F2	50	D3	D3	D3	D3
5	F3	F3	F3	F3	51				
6	F4	F4	F4	F4	52				
7	F5	F5	F5	F5	53	a	A	SCN	SCN
8	F6	F6	F6	F6	54	s	S	DC3	DC3
9	F7	F7	F7	F7	55	d	D	ECT	ECT
10	F8	F8	F8	F8	56	f	F	ACK	ACK
11	F9	F9	F9	F9	57	g	G	BEL	BEL
12*	ESC	ESC	ESC	ESC	58	h	H	BS	BS
13					59	i	I	LF	LF
14	z	#	NUL	NUL	60	j	J	FF	FF
15	x	@	E5	E5	61	k	K	FF	FF
16	4	\$	4	\$	62	l	L		
17			5	5	63	;	;		
18		A	RS	RS	64	’	’	CR	CR
19		&		&	65	’	’	FS	FS
20		*		*	66	’	’	CC	CC
21		9		9	67	’	’	C1	C1
22		0		0	68	’	’	C2	C2
23		|	US	US	69	’	’	C3	C3
24		=		=	70	’	’	BO	BO
25		~		~	71				
26	BS	BS	BS	BS	72	z	Z	SHIFT	SHIFT
27*	E0	EA	EB	EC	73	x	X	SUB	SUB
28	E1	E1	E1	E1	74	c	C	CAN	CAN
29	E2	E2	E2	E2	75	v	V	ETX	ETX
30	E3	E3	E3	E3	76	b	B	SYN	SYN
31	E4	E4	E4	E4	77	n	N	STX	STX
32*	HT	HT	HT	HT	78	m	M	SO	SO
33	a	O	DC1	DC1	79	.	.	CR	CR
34	w	W	ETB	ETB	80	.	.		
35	e	E	ENQ	ENQ	81	.	.		
36	.	R	DC2	DC2	82	.	.		
37	t	T	DC4	DC4	83			SHIFT	SHIFT
38	y	Y	EM	EM	84	OA	OA	OA	OA
39	u	U	NAK	NAK	85	B1	B1	B1	B1
40	i	I	HT	HT	86	B2	B2	B2	B2
41	o	O	SI	SI	87	A0	A0	A0	A0
42	p	P	DLE	DLE	88	A1	A1	A1	A1
43	[	{	ESC	ESC	89	A2	A2	A2	A2
44	]	}	GS	GS	90	SP	SP	SP	SP
45	D4	D8	D4	D6	91	A3	A3	A3	A3
46	DEL	DEL	DEL	DEL	92	A4	A4	A4	A4
						A5	A5	A5	A5

*These Keys do not auto-repeat
Also, note that there is no auto-repeat in the control or shift/control modes

SERIAL INPUT DATA:

Data Bit	Audible Data (B0 = 0)	LED Data (B0 = 1)
B 1	Short Beep (1)	LED 1 & 2 (complements)
B 2	Long Beep (1)	LED 3
B 3	Clicker Disable (1) or Clicker enable (0)	LED 4
B 4	.	LED 5
B 5	N/A	LED 6
B 6	N/A	LED 7
B 7	N/A	LED 8

* A 1 causes the keyboard to output data code AA (can be used for power up verification)

ELECTRICAL DATA

Input Power +5 VDC @ 500 ma. typ.
Data Output 8 Bit ASCH (+ Logic, - Logic Optional)
Serial Output 1 Start Bit, 8 Data Bits, 1 Stop Bit (+ Logic, 300 Baud)
Parallel Data Strobe Pulsed (+ Logic)

MECHANICAL DATA

Key Total Travel 0.150 in. (3.8 mm)
Key Actuating Force 1.50 oz. (0.42N)
Keytop Color Nonenclosed Unit Ink Brown (Cycloc 82741)
Keytop Color Enclosed Unit White (Cycloc 2500) and Sea Mist (Cycloc 20779)
Switch Reliability 100 Million MCBF

CONNECTOR DETAIL

Nonenclosed Unit:

Serial Port:

PIN	FUNCTION
1	-5 VDC
2	Output
3	Ground
4	Chassis Ground
6	Input

(Parallel port (Card-Edge/Header):

PIN	FUNCTION	PIN	FUNCTION
	+5 VDC	A/2	Ground
3/4	B0	F/10	Clicker
4/5	B1	H/12	LED 1 & 2
5/6	B2	J/13	LED 3
6/7	B3	K/17	LED 4
7/11	B4	L/18	LED 5
8/14	B5	M/19	LED 6
9/15	B6	N/22	LED 7
10/16	B7	P/24	LED 8
14/25	Strobe	R/26	Chassis Ground

Recommended Connector:

Serial Port Amp 1-87175-3 or equiv.
Parallel Card-Edge Amp 88373-4 (100 in. centers) or equiv.
Parallel Header (Optional): Berg 65845-019 or equiv.

Enclosed Unit:

PIN	FUNCTION
2	Serial output
3	Serial Input
4	Logic Ground
5	-5 VDC
6	Chassis Ground

Coiled, shielded cable supplied is 6 foot, 26 gauge which mates with DIN connector Switchcraft 57NC5F or equivalent.

OPTIONS:

An OPTION LIST is available with the keyboard drawing package which describes the options in detail. In most cases, the options can be installed by the buyer. If desired, Key Tronic can generate a custom dash number for a non-recurring charge which incorporates any options, including key colors and legends, which do not affect the PCB design. Since this would no longer be a standard item, please contact your local representative for unit price and delivery impact.

NOTE: Mounting and size differences will not allow a nonenclosed keyboard to be placed in a standard enclosure.

ORDERING INFORMATION:

When ordering, refer to Key Tronic part number 65-02441-001 for the nonenclosed keyboard and 55-02576-001 for the enclosed keyboard. For pricing and availability, consult our nearest representative located in principal cities, world wide.



P.O. Box 14687 • Spokane, Washington 99214
Phone (509) 438-3000 • FAX (509) 438-1885