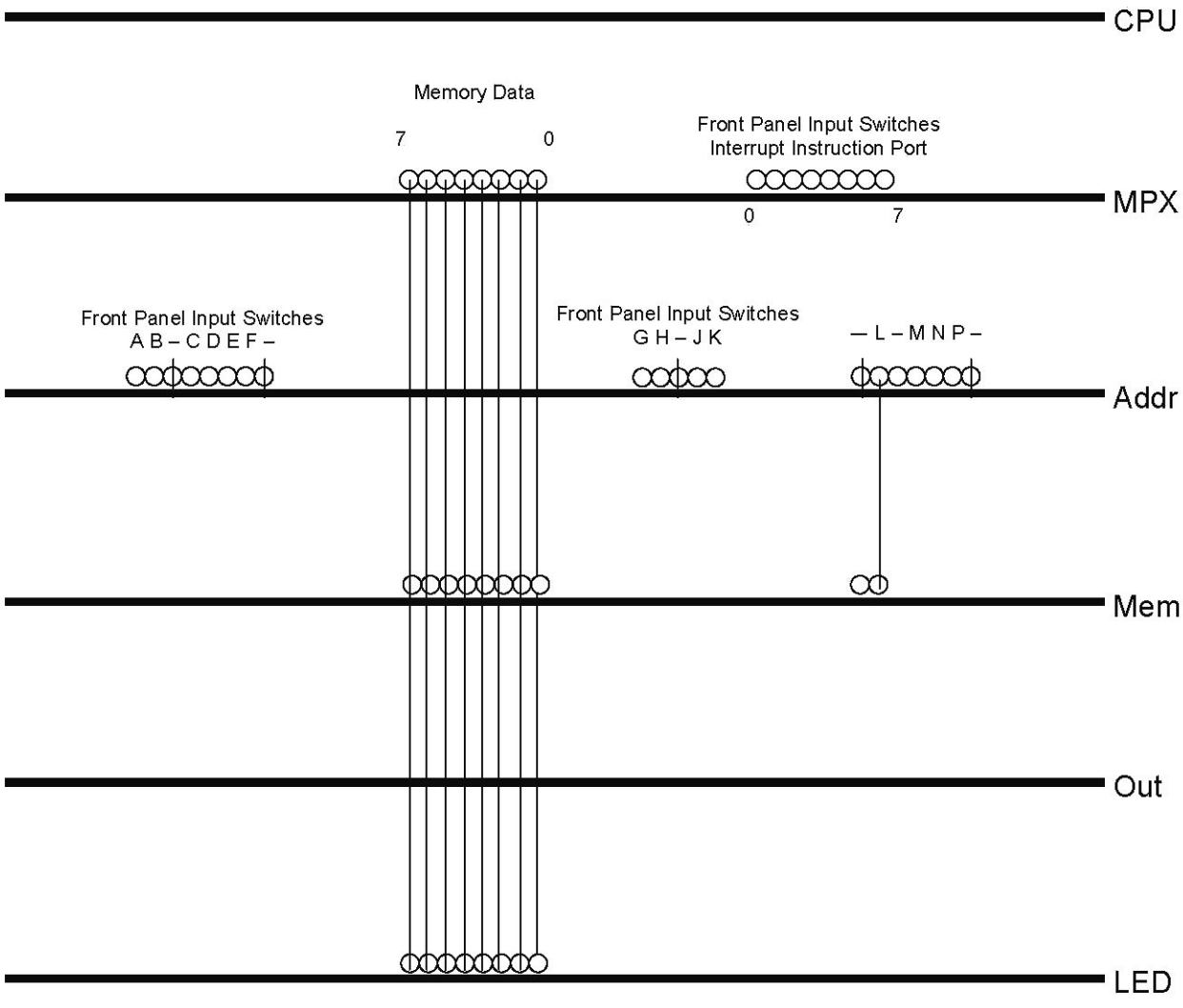
Mark-8 Circuit Board Top Connectors

By Bryan K. Blackburn

The information on these pages was omitted from the original Mark 8 construction article.



Front

Mark 8 Minicomputer
Front Panel Switch Connections

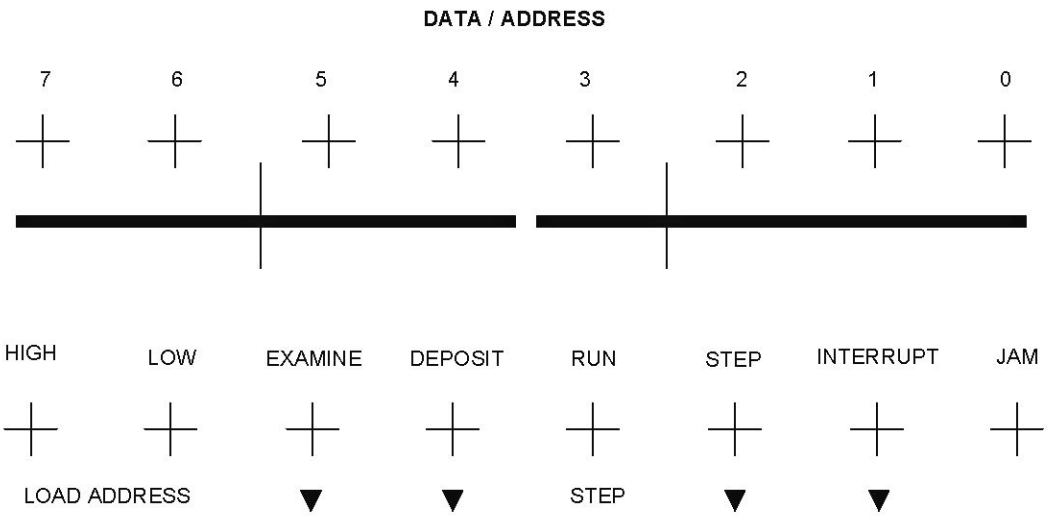
By Bryan K. Blackburn

Data and Address Input Switches – Interrupt Instruction Port			
Label	**Wire Connect**	**Comment**	**Panel Label**
D/A 0	D0	Interrupt Instruction Port	0
D/A 1	D1	"	1
D/A 2	D2	"	2
D/A 3	D3	"	3
D/A 4	D4	"	4
D/A 5	D5	"	5
D/A 6	D6	"	6
D/A 7	D7	"	7
All of these switches are wired such that:		HI = +5	
		LO = GND	

Program Control Switches			
Label	**Wire Connect**	**Comment**	**Panel** Label
LAH NO	N	Momentary	High
LAL NO	M	Momentary	Low
EXAM NO	E	Momentary	Examine
EXAM NC	F		
DEPO NO	C	Momentary	Deposit
DEPO NC	D		
R/S	B	(GND = Run)	Run
R/S	A	(GND = Stopped)	
SS NO	H	Momentary	Step
SS NC	G		
INT NO	J	Momentary	Interrupt
INT NC	K		
Jam	Jam	GND = JAM	Jam
The center pole of each of the above is wired to GND, and does not have a +5 connection.			

My Front Panel Layout

by Bryan K. Blackburn



MARK - 8 MINICOMPUTER