



Kurz-Kasch, Inc.

Electronics Division
Box 1246 • 2271 Arbor Blvd.
Dayton, Ohio 45439
Telephone (513) 299-0990

Operating Instructions

For Model

408A

QUANTUM

ATARI

		SL2				START 2			SR2			5V	
		x				x	x		x				
LLP	SL1	SL5	SL3	LRP		START1	RLP	SR1	SR5	SR3	RRP	ON	OFF
	x	x	x		x	x	x	x	x	x			
		SL4							SR4				
		x							x				
	SL6		SL7			COIN		SR6		SR7		POWER	
	x		x			x		x		x	x	ON	OFF
												ON	OFF

1. Plug 408A card into slot "A" of TF-650.
2. Connect 22/44 edge connector to board with RED DOT UP.
3. Turn 5V and Power to ON.
4. Connect short leads on 408A card to speaker.
5. Controls are:
 - COIN-----COIN LEFT-----#8 LED lights when pushed.
 - SR6-----COIN RIGHT-----#7 LED lights when pushed.
 - SL7-----COIN AUX.
 - START 1-----START 1----- (START 1 LED LIGHTS FOR 1 CREDIT)
 - START 2-----START 2----- (START 2 LED LIGHTS FOR 2 CREDITS)
 - SR1-----LEFT-----MOVE
 - SR2-----UP-----MOVE
 - SR3-----RIGHT-----MOVE
 - SR4-----DOWN-----MOVE
 - TEST SWITCH IS ON 408A card.
 - AUDIO 1 and 2 switch is on 408A card.

The 7 pin right angle connector on the 408A card is an output for RED, GREEN and Blue video, and for X and Y output for a color monitor.

ROM SIGNATURES-----QUANTUM BOARD-A039297

<u>POSITION</u>	<u>TYPE</u>	<u>SIGNATURE</u>	<u>PERSONALITY BOARD</u>
2E	INTEL D2764-3	H184	INTEL 2764
2F	"	6AAF	"
2H/J	"	8367	"
2K	"	4P30	"
2L	"	1FOF	"
3E	"	817H	"
3F	"	U510	"
3H/J	"	873C	"
3K	"	1859	"
3L	"	3AU5	"