Kurz·Kasch, Inc.

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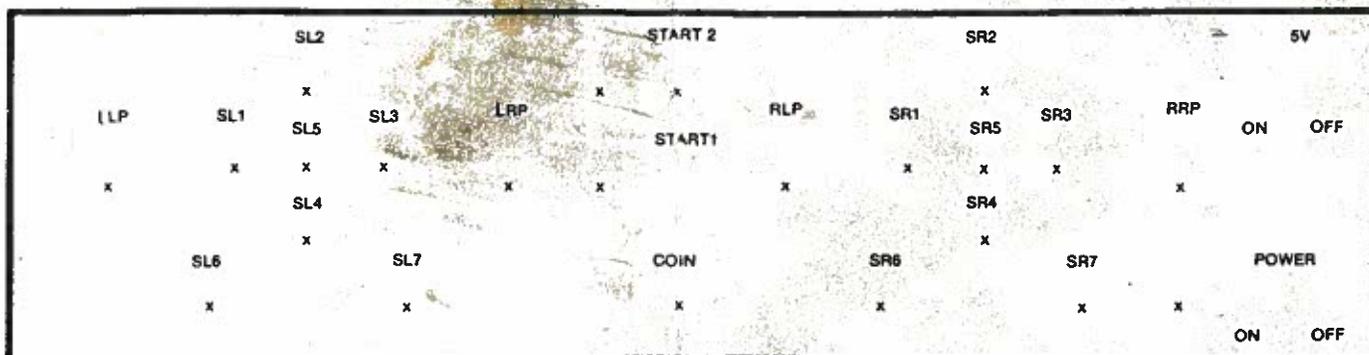
Operating Instructions

For Model ___420A___

STAR TREK

SEGA

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  SL2                    START 2                    SR2                      5V
         x                              x                 x
LLP   SL1    SL3      LRP        x    x      RLP   SR1  SR5  SR3    RRP    ON    OFF
      SL5                      START1
      x      x   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
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1. Insert 420A card into slot A, number side up.

2. Remove the top from the metal cage, which contains the circuit boards.

3. Starting with the 5 wires connected to "2" 4-pin MOLEX connectors, connect the 4-pin MOLEX with 3 wires to the X-Y control board with the slots toward the board. Connect the 4-pin MOLEX with 2 wires to the X-Y timing board with the slots toward the board.

4. Starting with the 18 wires connected to a 4, 6, 12 & 20 pin MOLEX, connect the 6-pin MOLEX to the "SPEECH" board with the SLOTS TOWARD THE BOARD. Connect the 4-pin MOLEX to the "SOUND" board with the SLOTS AWAY FROM THE BOARD. Connect the 20-pin MOLEX to the side nearest the test push button, SLOTS SHOULD BE AWAY FROM THE "CPU" BOARD. Leave the 20 pins on the left side of the CPU board connected to J1. Connect the 12-pin connector to the "INTERFACE" board-- (800-0374), and connect J1 to the interface board.

5. Starting with the 8 wires connected to a 10-pin MOLEX, connect to the bottom connector on the cage with the slots up.

6. Hook speaker to short red and black wires.

7. Turn 5V and POWER to ON position.

8. Controls are: SL7-----SERVICE
                     COIN----LEFT COIN
                     SR6-----RIGHT COIN
                     START 1-1 PLAYER
                     START 2-2 PLAYERS
                     SR1-----TURN LEFT
                     SR2-----IMPULSE
                     SR3-----TURN RIGHT
                     SR7-----WARP
                     SR7-----PHOTON (after WARP is used up)

9. A 7-pin right angle connector is on the card fox access to X, Y, RED, GREEN, BLUE, AND GROUND....

POSITION	TYPE	SIGNATURE	PERSONALITY BOARD
X-Y TIMING			
U39	2708	P8C2	2708/H24
PROM BOARD			
U1	D2716-5	51F4	2716
U2	"	9A24	"
U3	"	A8HP	"
U4	"	FØ99	"
U5	"	FA3Ø	"
U6	"	U9H3	"
U7	"	247U	"
U8	"	779C	"
U9	"	U64A	"
U10	"	F373	"
U11	"	1AA2	"
U12	"	PH1A	"
U13	"	CP63	"
U14	"	58FC	"
U15	"	7716	"
U16	"	5PU3	"
U17	"	P444	"
U18	"	FØ7Ø	"
U19	"	C13H	"
U20	"	494U	"
U21	"	9AU2	"
U22	"	334U	"
U23	"	A5U2	"
SPEECH BOARD			
U5	D2732-D	H558	2732/M24
U6	"	2PA7	"
U7	D2716-5	9673	"
CPU BOARD			
U25	D2716-5	864C	2732/M24