Kurz·Kasch, Inc.

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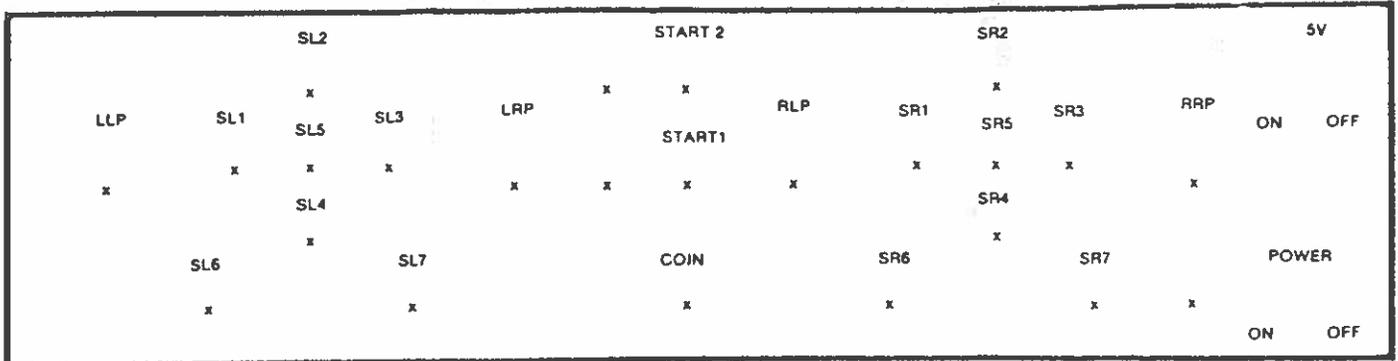# Operating Instructions
For Model ___423A___

___BUCK ROGERS___

___SEGA___

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            SL2                    START 2              SR2                    5V
             x                  x       x                x
  LLP    SL1      SL3    LRP                 RLP    SR1   SR5   SR3    RRP    ON    OFF
         SL5                         START1               SR4
             x    x      x       x     x      x       x    x    x
   x     SL4                  x                            SR4           x
                                                          x
  SL6          SL7              COIN           SR6          SR7        POWER
   x            x                x             x            x    x
                                                                    ON    OFF
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1. Insert 423A program card into "A" connector on TF-650, number side up.

2. Insert GAME BOARD into 44-pin edge connector with RED DOT facing up at pin 1.

3. Connect 4-pin ribbon cable connector to "A" header pins on SOUND BOARD.

4. Connect speaker across "B" header pins on sound board.

5. Slide 5 VOLT switch to ON.

6. Slide POWER switch to ON.

7. Controls are:

    COIN is----------COIN 1 (coin counter LED is on 423A card) [CC]

    SL7 is-----------COIN 2 (coin counter LED is on 423A card) [CC]

    START 1 is-------1 PLAYER

    START 2 is-------2 PLAYER

    SR1 is-----------LEFT

    SR2 is-----------UP

    SR3 is-----------RIGHT

    SR4 is-----------DOWN

    SR5 is-----------FIRE

    SR6 is-----------DOWN SPEED

    SR7 is-----------UP SPEED

8. SL6 is SERVICE SWITCH

9. SL4 is SELF TEST SWITCH

CPU BOARD

POSITION	TYPE	SIGNATURE	PERSONALITY BOARD
1C3	D27128-3	2UH7	Intel 2764
1C4	"	A4U7	"
1C10	TBP28S46N	PH8H	6341/E24
1C39	TBP18SO30N	ØØPC	82S123/D16
1C53	"	4F6C	"
1C66	D2732A-2	PC19	2732/M24
1C78	TBP28546N	376F	6341/E24
1C91	MBM2764		
1C93	TBP28S46N	3U29	6341/E24
1C102	2716D	U88H	2716/I24
1C103	462716G	U418	"

ROM BOARD

POSITION	TYPE	SIGNATURE	PERSONALITY BOARD
1C43	D27128-3	24A8	Intel 2764
1C52	"	AH55	"
1C58	MBM2764-30	8PA4	"
1C59	D27128-3	6PC1	"
1C68	"	C20P	"
1C74	MBM2764-30	80FF	"
1C75	D27128-3	9HF0	"
1C84	MBM2764-30	FF48	"
1C90	"	CFU7	"
1C91	D27128-3	25UF	"
1C100	MBM2764-30	8103	"