



**Kurz-Kasch, Inc.**

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# Operating Instructions

## For Model 124 A & B

GRAN TRAK 20

Atari/Kee

		SL2				START 2			SR2			5V	
		x				x	x		x				
LLP	SL1	SL5	SL3	LRP		START 1	RLP	SR1	SR5	SR3	RRP	ON	OFF
	x	x	x			x	x	x	x	x			
x		SL4		x					SR4				
		x				COIN		SR6	x	SR7		POWER	
	SL6		SL7										
	x		x			x		x		x	x	ON	OFF

1. Insert program cards A & B in the slots appropriately marked.
2. CAUTION: a) For Kee Games Twin Racer only, remove the two diodes on the digital board power supply whose anodes go to GND. Kee DOES NOT use the center tap of the AC secondary.  
 b) Connect a jumper from +5V (+5V available at end of power resistor nearest edge of board on digital computer board), to Pin 20 of remote connector to power turn circuit of 124A program card.
3. Insert analog board into test fixture.
4. Insert digital board into remote connector making sure that Pin 1 is at red dot end of 22 Pin remote connector.
5. Connect 2 speakers to 2 red wires on 124A and GND (black wire).
6. Push coin switch once for one car, twice for two cars.
7. Push start 1 switch for 1 car, or start 2 for 2 cars.
8. Switch on 124A card selects car 1 or 2 to be driven. (only one car can be driven at any one time).

9. Car 1 (white)

- |                   |                  |                      |
|-------------------|------------------|----------------------|
| SR6 - gas         | SR3 - third gear | SR5 - steering right |
| SR1 - first gear  | SR4 - reverse    | SL5 - steering left  |
| SR2 - second gear | SR7 - brake      |                      |

10. Car 2 (gray)

- |                   |                  |                      |
|-------------------|------------------|----------------------|
| SL6 - gas         | SL3 - third gear | SR5 - steering right |
| SL1 - first gear  | SL4 - reverse    | SL5 - steering left  |
| SL2 - second gear | SL7 - brake      |                      |