

TICKET ADJUSTER BOARD Mk4.1 and Mk5.1 (SR3)

To the host game in which it is installed, this board responds like a Deltronics ticket dispenser. The board is wired between the game board and the ticket dispenser mechanism. If available in the game, the GAME OVER lamp driver should be connected to the Game Over Input.

While the host game is in play mode the GAME OVER input must remain HI (more than 3.5 volts) or open. The HI voltage at the GAME OVER input must not exceed 12 volts. The Adjuster Board counts the tickets commanded to be sent by the host game and operates on that number of tickets by the "divide " or "multiply" ratio preset on the DIP SWITCH.

At Game Over, if the Game Over Input is used, the GAME OVER signal must held LOW (minimum 0, maximum 1 volt) for at least 1 second. The board will then release the adjusted tickets that were accumulated while the game was in play to the physical ticket dispenser mechanism.

DIP SWITCH SETTINGS

	1	2	3	4	5	6	7	8
Function								OFF
Divide								ON
Multiply								
Ratio								
1			OFF	OFF	OFF	OFF		
2			ON	OFF	OFF	OFF		
3			OFF	ON	OFF	OFF		
4			ON	ON	OFF	OFF		
5			OFF	OFF	ON	OFF		
6			ON	OFF	ON	OFF		
7			OFF	ON	ON	OFF		
8			ON	OFF	ON	OFF		
9			OFF	OFF	OFF	ON		
10			ON	OFF	OFF	ON		
11			OFF	ON	OFF	ON		
12			ON	ON	OFF	ON		
13			OFF	OFF	ON	ON		
14			ON	OFF	ON	ON		
15			OFF	ON	ON	ON		
16			ON	ON	ON	ON		
Tickets Out Minimum								
0	OFF	OFF						
1	OFF	ON						
Tickets Out Maximum							OFF	
Unlimited							ON	
5								

Tickets out minimum and maximum settings should be turned off if not using the Game Over Input.

22 PIN EDGE CONNECTOR PINOUT

COMPONENT SIDE	SOLDER SIDE
	1 -
	2 Wire this pin to GND if not using the Game Over Input
	3 /Game Over input, optional.
	4 -
	5 -
	6 -
	7 -
	8 /Ticket Notch (from dispenser)
/Ticket timeout- empty Lamp output	9 Motor Enable (from game)
	10 Ground
	11 /Ticket Notch (to game)
	12 /Ticket Meter (optional)
	13 -
	14 -
	15 -
	16 Power input, 12 volt unregulated
	17 -
	18 Motor Enable (to dispenser)
	19 Power input, 12 volt unregulated
	20 Power input, 12 volt unregulated
	21 Ground
	ZA22 Ground

Deltronics colour code, for reference.	
RED	+12v
BLACK	GND
WHITE	Motor enable input
BLUE	Ticket notch