

* this capacitor changes for different phasing networks:
 i.e. networks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

INTA SPEED
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EVENTIDE CLOCKWORKS INC. note a - PS101 INSTANT PHASER

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these two resistors are further selected in value by adding trimming resistors to them. a¹ typically 5-10K-Ω a² typically 5-30K-Ω

trim for consistency at output

note b. all unmarked diodes:

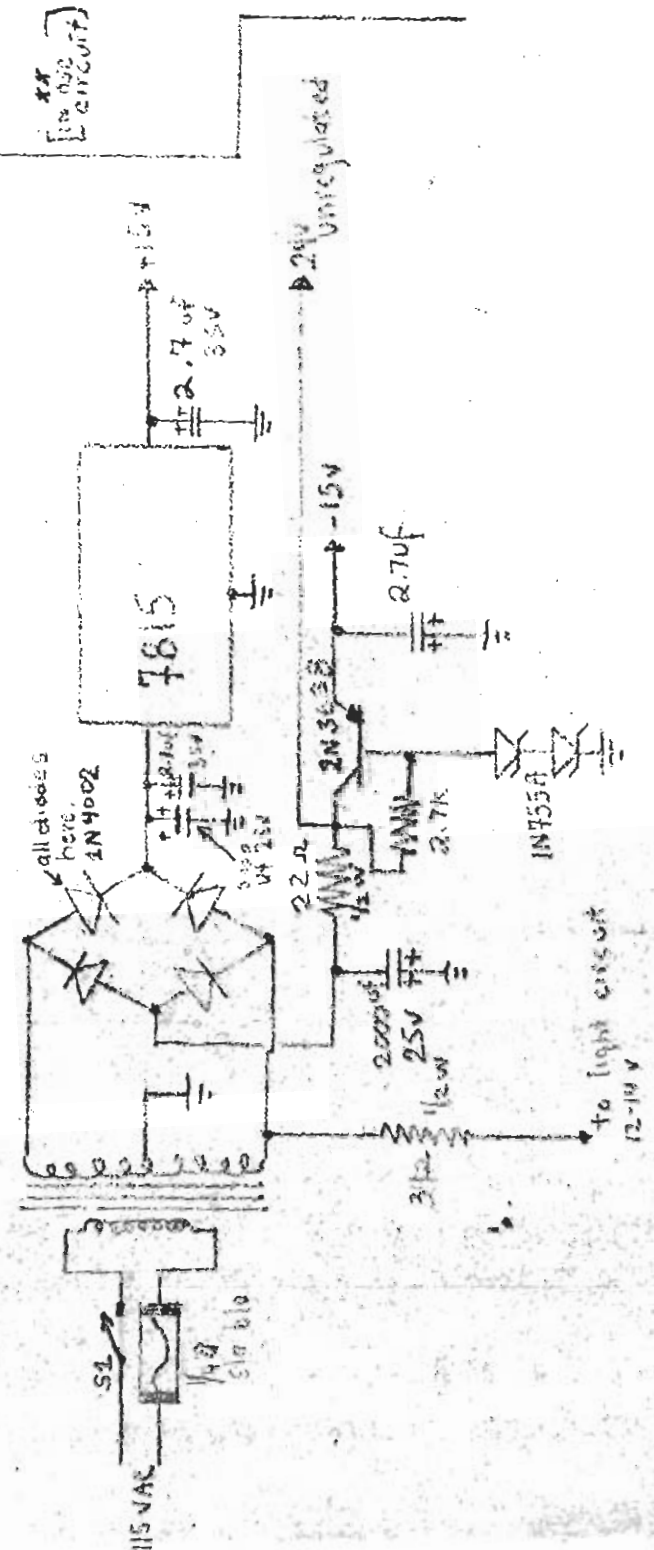
low voltage Silicon
(i.e. 1N4508, 1N914)

When these two resistors (2.7K and 500Ω) are in circuit (4.7K generally under circuit board), the adjustment parameters detailed in note d (above) change to: typically -500Ω - 5K-Ω approx.

all ic's - pin 4 - -15V
pin 7 - +15V

100K

1.8K see note 2



24V Unregulated

-15V

2N3638

7815

2.7 ohm

2.7 ohm

2.7 ohm

22 ohm

2000 uf

25V

310 ohm

1/4 amp

115VAC

S1

1/4 amp

310 ohm

25V

2000 uf

22 ohm

2.7 ohm

2.7 ohm

2.7 ohm

2N3638

-15V

24V Unregulated

To light circuit

12-14V

1N4002

1N4002

1N4002

1N4002

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1N4002

1N4002

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