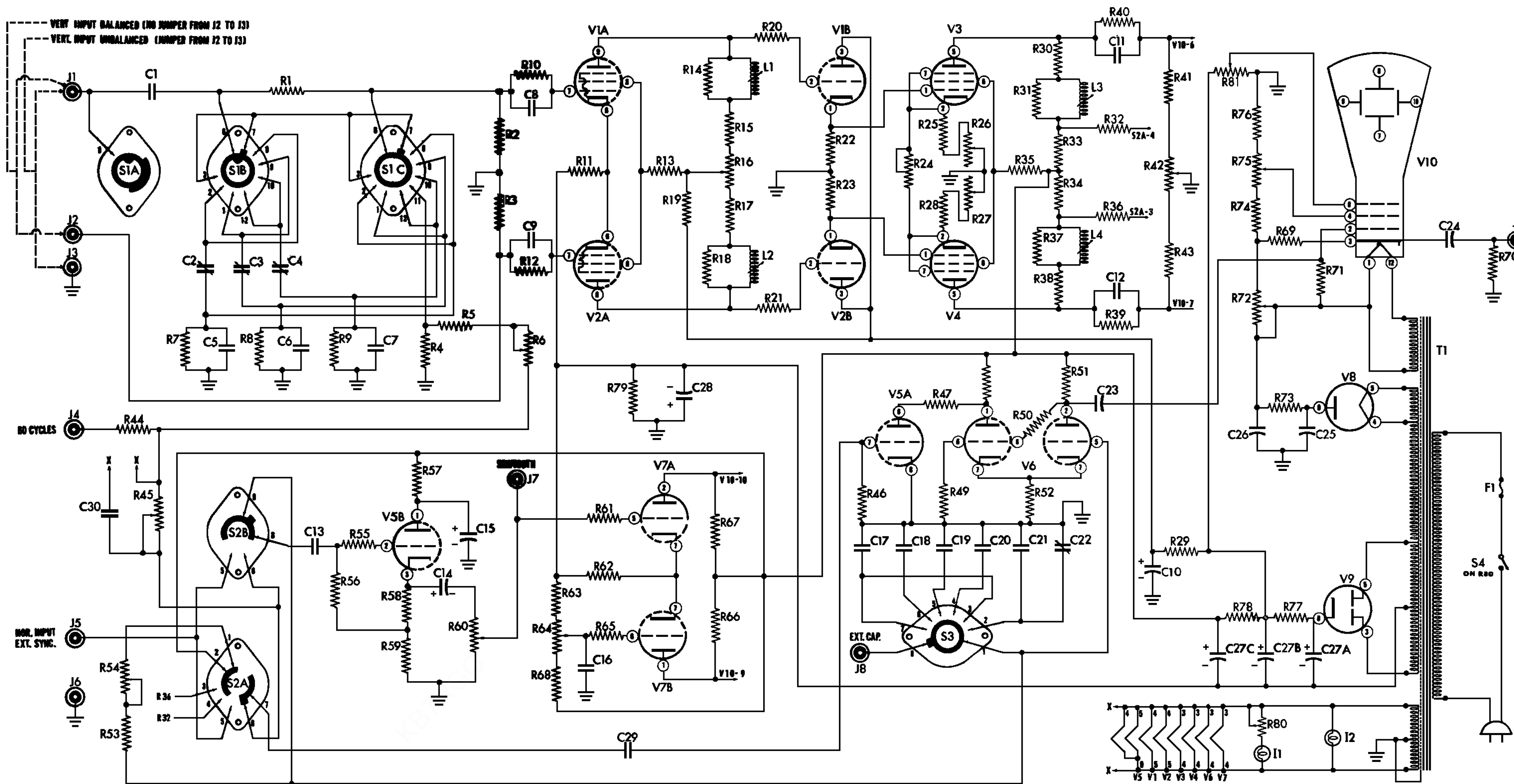


Sym.	Description	Sym.	Description
C1	cap., .1 mfd	R31	res., 22K Ω , 1/2W, 10%
C2	cap., trimmer 3-13mfd	R32	res., 22K Ω , 1/2W, 10%
C3	cap., trimmer 3-13mfd	R33	res., 820 Ω , 1W, 5%
C4	cap., trimmer 3-13mfd	R34	res., 820 Ω , 1W, 5%
C5	cap., 100mmf	R35	res., 8.2K Ω , 2W, 10%
C6	cap., 1000mmf	R36	res., 22K Ω , 1/2W, 10%
C7	cap., .01 mfd	R37	res., 22K Ω , 1W, 10%
C8	cap., .01 mfd	R38	res., 2.2K Ω , 2W, 10%
C9	cap., .01 mfd	R39	res., 1 meg Ω , 1/2W, 10%
C10	cap., 16mfd-350V	R40	res., 1 meg Ω , 1/2W, 10%
C11	cap., .025mfd	R41	res., 2.2 meg Ω , 1/2W, 20%
C12	cap., .025mfd	R42	pot., 10 meg Ω , (vert. posn)
C13	cap., .25mfd	R43	res., 2.2 meg Ω , 1/2W, 20%
C14	cap., 50mfd-50V	R44	res., 1K Ω , 1/2W, 20%
C15	cap., 10mfd-150V	R45	pot., 100K Ω (phasing)
C16	cap., .25mfd	R46	res., 2.2 meg Ω , 1/2W, 20%
C17	cap., .1 mfd	R47	res., 22K Ω , 1/2W, 10%
C18	cap., .01 mfd, 10%	R48	res., 10K Ω , 2W, 10%
C19	cap., .001 mfd, 10%	R49	res., 33K Ω , 1/2W, 5%
C20	cap., 68mmf	R50	res., 22K Ω , 1/2W, 10%
C21	cap., 270mmf	R51	res., 100K Ω , 1W, 10%
C22	cap., trimmer, 5-80mmf	R52	res., 4.7K Ω , 2W, 10%
C23	cap., .1 mfd-1000V	R53	res., 680K Ω , 1/2W, 20%
C24	cap., .01 mfd-1000V	R54	pot., 10 meg Ω , (sweep)
C25	cap., .1 mfd-1000V	R55	res., 100 Ω , 1/2W, 5%
C26	cap., .1 mfd-1000V	R56	res., 2.2 meg Ω , 1/2W, 20%
C27	cap., 3 X 20mfd-450V	R57	res., 100K Ω , 1W, 10%
C28	cap., 50mfd-50V	R58	res., 2.2K Ω , 1/2W, 10%
C29	cap., .1 mfd	R59	res., 22K Ω , 1/2W, 10%
C30	cap., .25mfd	R60	pot., 10K Ω (hor. gain)
F1	fuse, 1 amp	R61	res., 100 Ω , 1/2W, 20%
I1-2	bulb, #47	R62	res., 6.8K Ω , 1W, 10%
L1-4	coil, var. 100uh	R63	res., 22K Ω , 1/2W, 10%
R1	res., 3.3 meg, 1/2W, 5%	R64	pot., 50K Ω (hor. posn.)
R2	res., 3.3 meg, 1/2W, 5%	R65	res., 100 Ω , 1/2W, 20%
R3	res., 3.3 meg, 1/2W, 5%	R66	res., 47K Ω , 1W, 10%
R4	res., 91 Ω , 1/2W, 5%	R67	res., 47K Ω , 1W, 10%
R5	res., 820 Ω , 1/2W, 5%	R68	res., 470K Ω , 1/2W, 10%
R6	pot., 2K Ω (cal.)	R69	res., 15K Ω , 1/2W, 10%
R7	res., 360K Ω , 1/2W, 5%	R70	res., 2.2 meg Ω , 1/2W, 20%
R8	res., 33K Ω , 1/2W, 5%	R71	res., 220K Ω , 1/2W, 10%
R9	res., 3.3K Ω , 1/2W, 5%	R72	pot., 250K Ω (Intensity)
R10	res., 220K Ω , 1/2W, 10%	R73	res., 220K Ω , 1W, 10%
R11	res., 820 Ω , 2W, 10%	R74	res., 470K Ω , 1W, 10%
R12	res., 220K Ω , 1/2W, 10%	R75	pot., 2 meg Ω (focus)
R13	res., 3.9K Ω , 2W, 10%	R76	res., 2.2 meg Ω , 1W, 10%
R14	res., 10K Ω , 1/2W, 10%	R77	res., 500 Ω , 5W, 10%
R15	res., 2.2K Ω , 2W, 10%	R78	res., 500 Ω , 5W, 10%
R16	pot., 2K Ω (dc bal.)	R79	res., 500 Ω , 5W, 10%
R17	res., 2.2K Ω , 2W, 10%	R80	pot., 75 Ω , W.W. (scale light)
R18	res., 10K Ω , 1/2W, 10%	R81	pot., 2 meg Ω (astigm.)
R19	res., 2.5K Ω , 5W, 10%	S1	9posn. switch (vert. atten.)
R20	res., 100 Ω , 1/2W, 20%	S2	6posn. switch (hor. sel.)
R21	res., 100 Ω , 1/2W, 20%	S3	1P-7posn. switch (sweep sel.)
R22	res., 47K Ω , 1W, 10%	T1	power transformer
R23	res., 47K Ω , 1W, 10%	V1-2	tube, 6AU8
R24	pot., 2.5K Ω (vert. gain)	V3-4	tube, 6CB6
R25	res., 4.7K Ω , 2W, 10%	V5	tube, 12AU7
R26	pot., 5K Ω , W.W. (linadj.)	V6-7	tube, 6J6
R27	pot., 5K Ω , W.W. (linadj.)	V8	tube, IV2
R28	res., 4.7K Ω , 2W, 10%	V9	tube, 6AX5
R29	res., 2.5K Ω , 5W, 10%	V10	tube, 5UP1 (CRT)
R30	res., 2.2K Ω , 2W, 10%		



VERT. ATTEN. S1
SWITCH POSITION

	AC				CAL	DC			
	1	10	100	1000		1000	100	10	1
S1A	NC					5 to common rotor of A & B *			
S1B	6-7	6-8	6-9	6-10	NC	6-12	6-1	6-2	6-3
S1C	6-7	6-8	6-9	6-10	6-11	6-12	6-1	6-2	6-3

* The construction of Switch S1 is such that rotors A and B are electrically connected.

HOR. SELECTOR S2
SWITCH POSITION

	SYNC-SWEEP				HOR.	
	60CPS	EXT	+	-	60CPS	EXT
S2A	1-2 7-6	1-2 7-5	1-2 7-4	1-2 7-3	NC	NC
S2B	8-9	8-9	8-9	8-9	8-6	8-5

SWEEP SELECTOR S3
SWITCH POSITION

EXT. CAP	10-100	100-1K	1K-10K	10K-100K	TV-V	TV-H
1-8	1-7	1-6	1-5	1-4	1-3	1-2

MODEL 460

DC-WIDE BAND OSCILLOSCOPE

ELECTRONIC INSTRUMENT CO., Inc.
84 Withers Street, Brooklyn, N. Y.

