

May 14, 1962

Colorama Signal Generator  
Parts List for Colorplexer

Resistors (10% values unless marked)

R1	10K	Pot.	2W
R2	10K	Pot.	2W
R3	5 Meg	Pot.	2W
<del>R5</del>	<del>750</del>	<del>Pot.</del>	<del>2W</del>
R10	500	Pot.	2W
R100	2.2K	.5W	5%
R101			
R102	4.7K	.5W	5%
R103	430	.5W	5%
R104	1.5K	.5W	5%
R105	1.6K	.5W	5%
R106	660	.5W	5%
R107	2.2K	.5W	5%
R108	820	.5W	5%
R109	560	.5W	5%
R110	300	.5W	5%
R111			
R112	150	.5W	5%
R113	150	.5W	5%
R114	150	.5W	5%
R115	1.2K	.5W	5%
R116	91K	.5W	5%
R117	2.4K	.5W	5%
R118	1K	.5W	5%
R119	1M	.5W	
R120	1K	.5W	5%
R121	1K	.5W	5%
R122	1M	.5W	
R123	1K	.5W	5%
R124	5.6K	1W	
R125	1M	.5W	
R126	150	.5W	
R127	1M	.5W	
R128	1K	1W	
R129	150	.5W	
R130	150	.5W	
R131	510	1W	5%
R132	510	1W	5%
R133	2.7K	1W	
R134	510	1W	5%
R135	510	1W	5%
R136	2.7K	1W	
R137	470	.5W	

R138	1M	.5W	
R139	1.2K	1W	
R140	1.8K	.5W	
R141	910K	.5W	5%
R142	62K	.5W	5%
R143	4.7K	.5W	
R144	100K	.5W	
R145	100K	.5W	
R146	27K	1W	
R147	2.2K	1W	
R148	3.3K	1W	
R149	100K	.5W	
R150	12K	2W	
R151	4700	1W	
R152	4.7M	.5W	
R153	10K	.5W	
R154	5.1M	.5W	5%
R155	51K	.5W	5%
R156	3.9K	1W	
R157	1M	.5W	
R158	1M	.5W	
R159	15K	1W	
R160	15K	1W	
R161	360K	.5	5%
R162	4.7M	.5W	
R163	2.2K	.5W	
R164	2.7K	.5W	
R165	2.7K	.5W	
R166	15K	2W	
R167	120K	.5W	
R168	3.3	1W	
R169	47K	.5W	
R170	56K	.5W	
R171	12K	.5W	
R172	100K	.5W	
R173	100K	.5W	
R174	56K	.5W	
R175	12K	.5W	
R176	100K	.5W	
R177	100K	.5W	
R178	M	.5W	
R179	4.7K <del>100K</del>	1W	5%
R180	5.1K	1W	5%
R181	10K	1W	
R182	330 <del>100</del>	1W	
R183	12K	.5W	5%
R184	4.7K <del>100K</del>	1W	5%
R185	62K	.5W	5%

R186	1M	.5W	
R187	10K	1W	
R188	5.1K	1W	5%
R189	<del>100</del>	1W	
R190	2.2K	1W	
R191	560K	.5W	
R192	2.2K	1W	
R193	1.2K	.5W	
R194	1.2K	.5W	
R195	10K	1W	
R196	100	.5W	
R197	100	.5W	
R198	4.7K	.5W	
R199	1M	.5W	
R200	2.2K	1W	
R201	680	.5W	
R202	2.2K	1W	
R203	680	.5W	
R204	2.7K	.5W	
R205	1.5M	.5W	
R206	270	1W	
R207	1K	1W	
R208	330	1W (Part of Ch2)	
R209	8.2K	1W (Part of Ch2)	
R210	10K	.5W	
R211	3.3M	.5W	
R212	10K	2W	
R213	1K	.5W	
R214	2.2K	1W	
R215	5.6K	.5W	
R216	82	.5W	
R217	470	.5W	
R218	2.2K	1W	
R219	5.6K	.5W	
R220	82	.5W	
R221	220	.5W	
R222	18K	.5W	
R223	18K	.5W	
R224	330	.1W	

Capacitors

	<u>Mfd.</u>	<u>Voltage</u>	
C100 ✓	2	50V	
C101	82 <del>62µF</del>	500V	
C102	<del>82µF</del>	500V	
C103	62µF <del>75µF</del>	500V	
C104	62µF <del>5µF</del>	500V	
C105	250µF	500V	
C106	.33	200V	/
C107	.1	200V	/
C108	.12	400V	
C109 ✓	100	10V	15V ?
C110 ✓	100	10V	2 15V ?

	<u>Mfd.</u>	<u>Voltage</u>
C111	.33	200V
C112	100	10V 3 15V?
C113	100	10V 4 15V?
C114	.33	200V 3
C115	100	25V
C116	.33	200V 4
C117	50 (50-25V)	10V 1
C118	40	200V 1
C119	27µmf	500V
C120	.047	200V 1
C121	.15	400V
C122	47µmf	500V
C123	.047	400V
C124	2400µmf	500V
C125	470µmf	500V
C126	2400µmf	500V
C127	12	450V
C128	2500µmf	500V
C129	.01	400V
C130	150µmf	500V
C131	15µmf	500V
C132	5µmf	500V
C133	47µmf	500V
C134	.12	200V 1
C135	.12	200V 2
C136	2400µmf	500V
C137	.05 (ceramic)	600V
C138	.12	200V 3
C139	.01 (ceramic)	600V
C140	.12	200V 4
C141	.01	400V
C142	68µmf	500V
C143	.047	200V 2
C144	.1	200V 2
C145	33µmf	500V
C146	62µmf	500V
C147	100µmf	500V
C148	<del>100</del>	200V 1
C149	.02	200V 2
C150	68µmf	500V
C151	.1	200V 3
C152	.047	200V 3
C153	33µmf	500V
C154	62µmf	500V
C155	100µmf	500V
C156	2400µmf	500V
C157	2400µmf	500V
C158	9µmf	500V
C159	120µmf	500V
C160	2400µmf	500V
C161	.047	400V

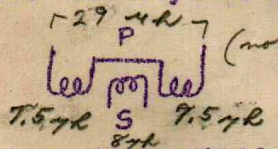
	<u>Mfd.</u>	<u>Voltage</u>
C162	.33	200V
C163	100	25V
C164	.22	400V
C165	.1	400V
C166	680 $\mu$ f	500V
C167	150 $\mu$ f	500V
C168	40	250V
C169	680 $\mu$ f	500V
C170	22 $\mu$ f	500V
C171	2.2 $\mu$ f	500V
C172	680 $\mu$ f	500V
C173	2.2 $\mu$ f	500V
C174	22 $\mu$ f	500V
C175	62 $\mu$ f	500V
C176	62 $\mu$ f	
C177	62 $\mu$ f	

Adjustable Capacitors  
(values in  $\mu$ f)

- ✓ C1 7 - 45
- ✓ C2 20 - 200
- ✓ C3 7 - 45
- ✓ C4 25 - 300
- ✓ C5 25 - 300
- ✓ C6 7 - 45
- ✓ C7 7 - 45
- C8
- C9
- ✓ C10 .5 - 3 Erie 3115-01-OR5

Transformers & Coils

T3, T2: PRI 60t, SEC. 25t on 1/2" form. high freq slug #33 wire  
P (no slug) 1/4" space between windings.



- ✓ T1: North Hills 9 to 18 $\mu$ h Pri.  
Sec: 25t #33 wound on bottom of form.
- ✓ L1: North Hills 9 to 18 $\mu$ h
- ✓ L2: 2 8 $\mu$ h chokes in series 10 $\mu$ h?
- ✓ CH-2 70 t #30 wire on 8200 1 watt
- ✓ CH-1 30 t C.T. #26 wire on 330 1 watt
- ✓ COILS: Cemented with low loss cement
- ✓ T4: RCA stock #94634  
Delay Line: RCA stock #214942
- ✓ L3: 36 $\mu$ h
- ✓ L4: 39 $\mu$ h
- ✓ L5: 2.5 $\mu$ h

Misc.

Quan.

- ✓ 1 7 Pin Miniature tube sockets
- ✓ 14 9 Pin Miniature tube sockets
- ✓ 1 Octal tube socket
- 4 RCA Phono Jacks (use only J4, J5, J6, J7 if sync generator, colorplexer and signal selector switch are mounted on the same chassis.)
- 8 Test Point Feed thru