

INDEX

	Page		Page
A simplified procedure for designing audio modulators	102	4X150A — u-h-f power triode	70
Adjustment of filament voltage of RCA-1B3-GT by observation of filament temperature	10	5WP11 — 5" cathode ray tube	27
Amateur transmitters, reducing the harmonic power output of	31	6W4-GT — half-wave vacuum rectifier	11
Blower requirements for Radiotron forced-air-cooled valves	20	10KP7 — 10" cathode ray tube	11
Calculation of transmitting triode performance	85	16AP4 — 16" kinescope	27
Calculations involving decibels per octave	42	19J6 — medium-mu twin triode	12
Characteristics of pentodes and triodes in mixer service	46	672A — mercury vapour thyatron	12
Circuit design precautions to prevent internal arcs from damaging kinescopes	2	811-A — power triode	95
Coil data RC43 and RC54	5	812-A — power triode	12
Coil data RC44	76	5696 — inert gas thyatron	12
Correction Radiotronics 132	12	5713 — power triode	12
Correction Radiotronics 136	42, 56	5731 — acorn triode	12
Correction Radiotronics 137	56	5734 — triode transducer	12
C.W. ratings for several Radiotron receiving valves	28	5762 — forced-air-cooled power triode	27
Darkroom timer	78	5769 — image orthicon	27
Decibels per octave	42	5770 — power triode	27
Discontinued RCA types	11, 98	5771 — power triode	28
Dual wave Radiotron receivers RC43 and RC54	3	5786 — power triode	28, 37
Duo-diode pentode — Radiotron type 6AR7-GT	74	5794 — u-h-f oscillator triode	48
Electronic control circuits, fail-safe operation of	68	5819 — head-on, multiplier phototube	98
Elimination of reflections on video lines	121	5820 — television camera tube	98
Fail-safe operation of electronic control circuits	68	5825 — half-wave rectifier	57
Features of fluorescent screens	50	New triode operating conditions for Radiotron type 807	66
Forming of miniature valve stem leads	14	Obsolete valves	48
Frequency converter — Radiotron type X61M	15	Pentodes and triodes in mixer service	46
Getting the maximum from miniatures	45	Preamplifier designed for 2-metre receivers	43
Low-noise, broad-band preamplifier designed for 2-metre receivers	43	Precautions to prevent internal arcs from damaging kinescopes	2
Maximum from miniatures	45	Radio-frequency performance of some receiving valves in television circuits	58
Miniature valve production flow	30	Radiotron Designer's Handbook	95
Miniature valve stem leads, forming of	14	Radiotron receivers RC43 and RC54	3
Miniature valves in war and peace	81	Radiotron receiver RC44	75
Mixer-oscillator circuit for F-M and A-M using Radiotron 6J6 or Radiotron 19J6	92	Radiotron receiver RD33	99
Modulator circuit utilizes 807's in Class B with zero bias	64	Radiotron recommended equipment types for 1949-1950	72
New Radiotron releases —		Radiotron subminiature valves	77
6AR7-GT — duo diode pentode	74, 57	Radiotronics back numbers	50, 98
KT61 — power output tetrode	48, 51	RCA Receiving Tube Manual	74, 98
X61M — triode hexode frequency converter	15	Reducing the harmonic power output of amateur transmitters	31
— oscillator coil details	19	Reduction in peak-inverse voltage rating of type 1B3-GT	65
Z77 — television amplifier pentode	96	Simplifying the calculation of transmitting triode performance	85
New RCA releases —		Television transmission standards	95
3KP4 — 3" kinescope	27	Transmitter aerial and site selection	111
3KP11 — 3" cathode ray tube	48	Triode characteristics of Radiotron type 6AU6	91
3RP1 — 3" cathode ray tube	48	Triode operating conditions for Radiotron type 807	64
4-65A — v-h-f power tetrode	107	Vacuum tube voltmeter	67
		Valves in "clusters" increase power for television	80