

TRIOTRON 1934 VALVE GUIDE.

2 VOLT TYPES FOR BATTERY OPERATION.

Type	OPERATION.					AVERAGE CHARACTERISTICS.								Purpose.	Retail Price.
	Fil. volts.	Fil. current.	Maximum anode volt.	aux. grid volts.	Norm. G.B.	Norm. anode Current	Norm. Screen current.	Slope	amp. factor	imp.	anode grid cap.	Max anode diss.	Opt. load imp.		
S. 207	2.0	0.15	200	100	1.5	3.0	0.5	0.7	250	—	0.01	—	—	H.F. Amplifier	10/6
S. 215	2.0	0.18	150	90	1.5	2.75	0.25	1.5	500	—	0.05	—	—	H.F. Amplifier	10/6
S. 208	2.0	0.15	200	100	0-20	2.0	0.25	0.8	250	—	0.05	—	—	Variable-mu S.G.	10/6
W. D. 2.	2.0	0.08	200	—	2.5	1.0	—	1.0	25	25,000	—	—	—	Detector or L.F. amplifier followed by R.C. coupling	5/-
H. D. 2.	2.0	0.08	200	—	5.0	5.0	—	1.0	15	15,000	—	—	—	Detector or H.F. amplifier	5/-
S. D. 2.	2.0	0.1	200	—	5.0	7.0	—	1.5	18	12,000	—	—	—	Super detector	5/-
T. D. 2.	2.0	0.08	150	—	7.0	7.0	—	0.9	9	10,000	—	—	—	General purpose	5/-
Z. D. 2.	2.0	0.15	150	—	15.0	10.0	—	1.0	5	5,000	—	3.0	13,000	Small power output	6/6
Y. D. 2.	2.0	0.22	200	—	11.0	15.0	—	2.0	9	4,000	—	—	—	Steep slope power valve	6/6
U. D. 2. N.	2.0	0.22	150	—	15.0	15.0	—	2.0	4	2,000	—	3.0	5,000	Power output, large grid swing	6/6
E. 235.	2.0	0.33	200	—	12.0	18.0	—	3.0	9	3,000	—	4.0	8,000	Steep slope power valve	6/6
P. 225.	2.0	0.2	150	150	4.5	10.0	2.0	2.0	80	40,000	—	3.0	15,000	Pentode output	10/6
E.220 B.	2.0	0.3	150	—	—	3.0	—	2.0	—	—	—	2 x 2	20,000	Positive Drive, 'Class B' Amp.	10/6

4 VOLT TYPES FOR BATTERY OPERATION.

S. 409	4.0	0.1	200	100	1.0	4.0	0.35	0.9	350	400,000	0.005	—	—	H.F. Amplifier	10/6
W. 420.	4.0	0.1	200	—	2.5	1.2	—	2.0	38	19,000	—	—	—	Detector & L.F. amplifier followed by R.C. coupling	5/-
H. 412.	4.0	0.07	150	—	9.0	3.5	—	0.9	9	10,000	—	—	—	Detector & L.F. amplifier	5/-
A.430.	4.0	0.1	200	—	3.0	6.0	—	3.0	24	8,000	—	—	—	Super detector	5/-
E. 414.	4.0	0.1	150	—	12.0	12.0	—	1.4	6	4,300	—	2.0	7,500	Small power output	5/6
E. 425.	4.0	0.3	250	—	32.0	20.0	—	2.0	5	2,500	—	5.0	3,000	Power output, large grid swing	7/-
P. 425.	4.0	0.25	300	200	25.0	20.0	5.0	2.0	60	30,000	—	6.0	10,000	Output pentode	12/6

POWER AMPLIFIERS.

K. 435/10	4.0	0.65	250	—	40.0	40.0	—	3.5	3.5	1,000	—	10.0	1,500	Power output valve	12/6
K. 480	4.0	2.0	550	—	36.0	45.0	—	8.0	10.0	1,250	—	25.0	3,500	Special purpose power valve. Steep slope	22/6
K. 450/50.	4.0	3.0	400	—	50.0	120.0	—	4.0	5.0	1,250	—	50.0	1,500	Special purpose power valve. Large grid swing	45/-
P. 435.	4.0	1.1	250	250	14.0	36.0	6.0	3.0	130.0	43,000	—	9.0	7,000	Output pentode	13/6
P. 440.	4.0	2.0	550	200	40.0	45.0	10.0	3.0	100.0	33,000	—	25.0	14,000	Output pentode	30/-

4 VOLT A.C. TYPES.

S. 415 N.	4.0	1.0	200	100	2-40	3.0	0.5	1.5	300.0	—	.003	—	—	Variable-mu H.F. Amplifier	12/6
S. 410 N.	4.0	1.0	200	60	2.0	4.0	0.5	1.0	400.0	400,000	.02	—	—	H.F. Amplifier	12/6
S. 434 N.	4.0	1.1	200	100	2-35	5.0	1.0	3.5	2000.0	—	.002	—	—	Variable-mu H.F. pentode	12/6
S. 435 N.	4.0	1.1	200	100	2.0	3.0	0.5	3.5	5000.0	1,450,000	.002	—	—	H.F. pentode	12/6
A. 440 N.	4.0	1.0	200	—	1.5	0.2	—	4.0	120.0	30,000	—	—	—	Super detector	8/6
E. 430 N.	4.0	1.0	200	—	15.0	15.0	—	3.0	9.0	3,000	—	3.0	10,000	L.F. or power valve	8/6
B. 430 N.	4.0	1.0	200	33	2.3	0.35	—	0.3	1000.0	—	.003	—	—	Diode Tetrode	13/6
P. 440 N.	4.0	1.1	250	250	15.0	24.0	4.0	3.5	175.0	50,000	—	6.0	7,500	Output pentode	12/6

20 VOLT D.C. TYPES.

S. 2035 N.	20.0	0.18	200	100	2.0	3.0	0.25	3.5	5,000	1,450,000	.002	—	—	H.F. pentode	12/6
S. 2034 N.	20.0	0.18	200	100	2-35	5.0	1.0	3.5	2,000	—	.002	—	—	Variable-mu H.F. pentode	12/6
A. 2040 N.	20.0	0.18	200	—	1.5	0.2	—	4.0	100	25,000	—	—	—	Super detector	8/6
E. 2020 N.	20.0	0.18	200	—	18.0	15.0	—	2.0	6	3,000	—	5	7,500	Power output or L.F. frequency	8/6
B. 2030 N.	20.0	0.18	200	30	2.0	0.35	—	0.3	1,000	—	.003	—	—	Diode tetrode	13/6
P. 2020 N.	20.0	0.18	200	200	18.0	20.0	3.5	2.5	70	280,000	—	5	9,000	Output pentode	12/6

RECTIFIERS.

Type.	Fil. volt.	Fil. current.	Max. anode voltage.	Max. D.C. Output. (voltage)	Max. D.C. Output. (Current)	Purpose.	Price.
G. 470.	4.0	1.0	2 x 300	300	70	Full wave rectification	7/6
G. 4120	4.0	2.0	2 x 500	500	120	Full Wave	12/6
G. 4100	4.0	2.0	1 x 750	700	100	Half Wave	14/6
G. 4150.	4.0	3.0	1 x 750	700	150	Half Wave	48/-

Convert your battery receiver to "Class B" operation, by using :-

Triotron "Class B" Amplifier	Price 22/6
or	
Triotron "Class B" Unit	Price 49/6