

WINDSOR MODEL 45B

AND

TAYLOR MODELS 45A and 47A

VALVE TESTERS

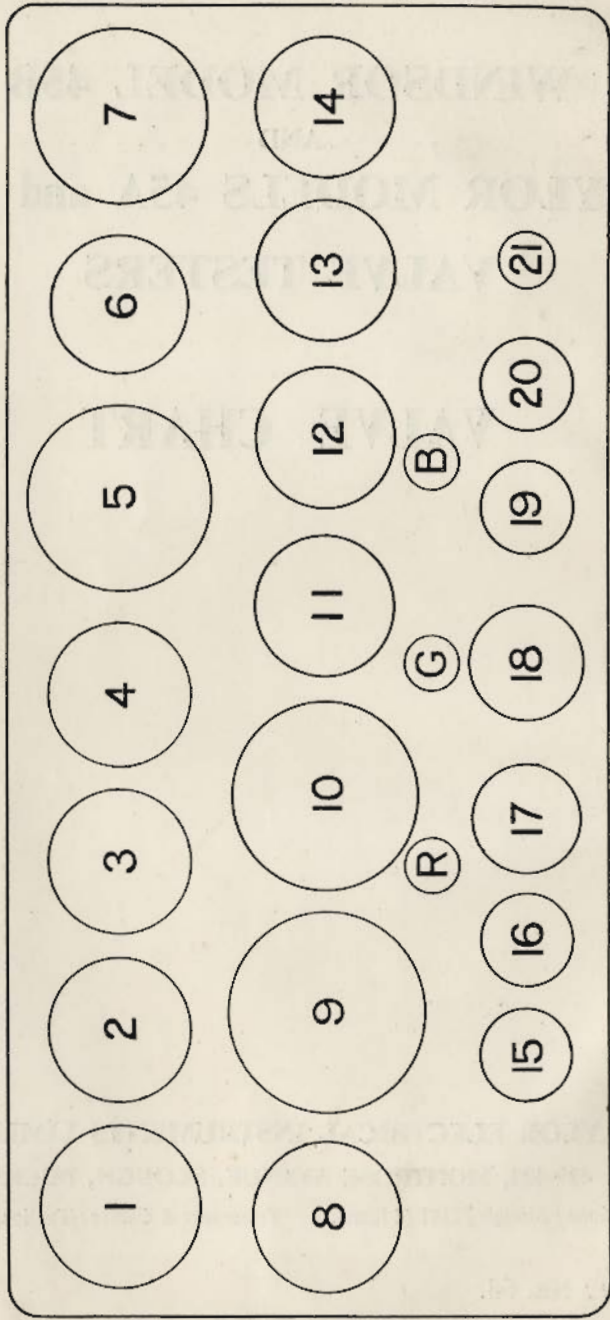
VALVE CHART

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VALVE HOLDER LAYOUT



TOP VIEW

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NOTES

This book is for use in conjunction with the Instruction Manual for Model 45B Valve Tester. The information is applicable also to Models 45A and 47A Valve Testers, Series 1 and 2.

The meanings of the asterisk and prefix numbers are given at the back of this book.

The columns are as follows :—

1. Valve

This gives the manufacturer's designation which is usually etched on the glass.

2. Make

This gives the maker's name. All American types are designated "U.S.A." and British made valves with American numbers will have the same tests.

3. Holder Number & 4. Base

These are numbered as follows :—

- | | |
|--------------|---|
| 1. UX6 | 6 pin American. |
| 2. UX5 | 5 pin American. |
| 3. UX4 | 4 pin American. |
| 4. Br5 | 5 pin British. |
| 5. Br7 | 7 pin British. |
| 6. Mo8 | 8 pin Mazda. |
| 7. B9G | 9 pin glass, British. |
| 8. UX7 | 7 pin American. |
| 9. Tel. | 8 pin Telefunken, German. |
| 10. Sc8 | 8 pin Side contact, European. |
| 11. Sc5 | 5 pin Side contact, European. |
| 12. IO1-1 | 8 pin International Octal, No. 1. |
| 13. IO2-2 | 8 pin International Octal, No. 2. |
| 14. B8B, B8G | 8 pin Loctal, International. |
| 15. B7G-1 | 7 pin Glass, International No. 1. |
| 16. B7G-2 | 7 pin Glass, International No. 2. |
| 17. B9A | 9 pin Miniature glass, International. |
| 18. B8A | 8 pin Miniature glass, lock-in, European. |
| 19. DA5 | 5 pin Deaf Aid, Hivac. |
| 20. DA4 | 4 pin Deaf Aid, Hivac. |
| 21. B3G | 3 pin glass, British. |

This gives immediate identification of the correct holder without any necessity for recognition of strange bases. See Valve Holder Layout.

5. Heater Volts

This gives the proper setting for the filament selector switch.

6. Type

This gives the number of internal elements, e.g., diode, triode. Where a valve has more than one section, these are listed separately in this column.

7. Anode, Screen and Grid Volts

This gives the correct setting for the Anode-Screen and Grid Volts controls. On Diode tests these controls are not effective so this column is left blank, and the column is omitted in Section II (Rectifiers).

8. Cap

In this column the letters R.G.B., if given, indicate that the valve top cap is to be connected by means of the lead provided to the Red socket (anode circuit), Green socket (Grid circuit) or Black socket (cathode circuit) respectively.

9. Selectors A.B.C.

The three figures give the settings required for the selector switches. Thus 540 means that switch A is to be set on 5, B on 4, and C on 0.

In Section II (Rectifiers) two sub-columns are used for settings for the two anodes, where applicable.

10. Mutual Conductance

This gives the value of Mutual Conductance which should be obtained under the specified test conditions. The figure is based on manufacturer's data and is subject to variation. If tests on several examples of one type give a slightly different average figure this may be adopted as the standard as a result of the experience.

This column is omitted in Section II (Rectifiers).

For some valves the Mutual Conductance figure has not been obtainable and this column is left blank. These gaps can be filled in as opportunity occurs to test such valves.

Models 45A and 47A

The valve holders on these models are not numbered and in some cases adaptors are needed as follows :—

Base	Adaptor
B9G	450A (Series I Instruments)
B7G No. 1*	450B (Series I Instruments)
B8A	450C (Series I and II Instruments)
B7G No. 2†	450D (Series I and II Instruments)
Telefunken	450E (Series I and II Instruments)
Sc5	450F (Series I and II Instruments)
B9A	450H (Series I and II Instruments)
B3G	No Test

* Refers to Holder No. 15 in Column 3 of Text.

† Refers to Holder No. 16 in Column 3 of Text.

SECTION 1.

RECEIVING VALVES

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
*1A3	U.S.A.	15	B7G	1-4	Diode	—	—	300	—
*1A4-E-P-T	U.S.A.	3	UX4	2	Pentode	100 60 0	G	140	0-6
*1A5-G/GT	U.S.A.	12	IO1	1-4	Pentode	100 100 5	—	420	0-8
*1A6	U.S.A.	1	UX6	2	Osc.	100 60 0	B	441	0-25
*1A7-G/GT	U.S.A.	12	IO1	1-4	Mixer	100 60 0	G	242	0-35
*1AB5	U.S.A.	14	LO8	1-1	Osc.	100 60 0	B	457	0-45
*1B4-P	U.S.A.	3	UX4	2	Mixer	100 60 0	G	636	0-7
*1B4-T	U.S.A.	3	UX4	2	Pentode	100 100 0	—	430	—
*1B5-25S	U.S.A.	1	UX6	2	Pentode	100 60 0	G	140	0-6
*1B7-G/GT	U.S.A.	12	IO1	1-4	Diode	—	—	300	—
*1B8-GT	U.S.A.	12	IO1	1-4	Osc.	100 60 0	B	417	0-9
*1C1	Mazda	15	B7G	1-4	Mixer	100 60 0	G	626	1-0
*1C4	U.S.A.	3	UX4	2	Diode	—	B	002	—
*1C5-G/GT	U.S.A.	12	IO1	1-4	Triode	100 60 0	G	007	0-25
*1C6	U.S.A.	1	UX6	2	Pentode	100 100 6	B	420	1-2
*1C7-G	U.S.A.	12	IO1	2	Pent.	60 60 0	—	536	0-28
*1D4	U.S.A.	2	UX5	2	Mixer	60 60 0	—	027	—
*1D5-GP/GT	U.S.A.	12	IO1	2	Osc.	100 60 0	G	140	1-0
*1D7-G	U.S.A.	12	IO1	2	Pent.	100 60 5	—	420	1-5
*1D8-GT	U.S.A.	12	IO1	1-4	Osc.	100 60 0	B	441	0-6
*1E4G	U.S.A.	12	IO1	1-4	Mixer	100 60 0	G	242	0-9
*1E5G/GT	U.S.A.	12	IO1	2	Osc.	100 60 0	B	457	0-6
*1E7-G	U.S.A.	12	IO1	2	Mixer	100 60 0	G	636	0-9
*1F2	Mazda	15	B7G	1-4	Pent.	100 100 3	—	115	—
*1F3	Mazda	15	B7G	1-4	Pent.	100 100 3	—	115	1-4
*1F4	U.S.A.	2	UX5	2	Pent.	100 60 0	G	320	0-6
*1FD9	Mazda	15	B7G	1-4	Osc.	100 60 0	B	417	0-25
*1F5-G	U.S.A.	12	IO1	2	Mixer	100 60 0	G	626	0-45
*1F6	U.S.A.	1	UX6	2	Diode	—	—	002	—
*1F7G-GH-GV	U.S.A.	12	IO1	2	Triode	100 60 0	G	007	0-6
*1G4-G/GT	U.S.A.	12	IO1	1-4	Pent.	60 60 5	B	420	0-9
*1G5-G	U.S.A.	12	IO1	2	Tetr.	60 60 0	—	120	1-0
*1G6-G/GT	U.S.A.	12	IO1	1-4	Pent.	100 60 0	G	320	0-7
					Pent.	100 100 3	—	501	1-3
					Pent.	100 100 3	—	821	1-3
					Pent.	100 60 0	—	536	0-9
					Pent.	60 60 0	—	536	0-9
					Pent.	100 100 3	—	115	1-4
					Pent.	60 60 0	—	544	0-6
					Diode	—	—	007	—
					Pent.	100 100 3	—	420	1-4
					Diode	—	B	300	—
					Diode	—	B	010	—
					Pent.	100 60 0	G	202	0-6
					Diode	—	B	300	—
					Diode	—	B	200	—
					Pent.	100 60 0	G	022	0-6
					Triode	100 60 0	—	120	0-8
					Pent.	100 100 6	—	420	1-5
					Triode	100 60 0	—	501	0-7
					Triode	100 60 0	—	820	0-7

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
*1H4-G	U.S.A.	12	IO1	2	Triode	100 60 3	—	120	0-9
*1H5-G/GT	U.S.A.	12	IO1	1-4	Diode	—	—	300	—
*1H6-G	U.S.A.	12	IO1	2	Triode	100 60 0	G	020	0-3
					Diode	—	—	300	—
					Diode	—	—	200	—
					Triode	100 60 0	—	025	0-5
*1J5-G	U.S.A.	12	IO1	2	Pent.	100 100 12	—	420	0-8
*1J6-G	U.S.A.	12	IO1	2	Triode	100 60 0	—	501	1-2
*1L4	U.S.A.	15	B7G	1-4	Triode	100 60 0	—	820	1-2
*1LA4-E	U.S.A.	14	LO8	1-4	Pent.	100 100 5	—	106	1-0
*1LA6-E	U.S.A.	14	LO8	1-4	Pent.	100 100 5	—	420	0-8
					Osc.	100 60 0	—	272	0-5
					Mixer	100 60 0	—	432	—
*1LB4-G	U.S.A.	14	LO8	1-4	Pent.	100 100 6	—	490	1-0
*1LB6-GL	U.S.A.	14	LO8	1-4	Osc.	60 60 0	—	140	—
					Mixer	100 60 0	—	643	—
*1LC5	U.S.A.	14	LO8	1-4	Pent.	60 60 0	—	430	0-8
*1LC6	U.S.A.	14	LO8	1-4	Osc.	100 60 0	—	272	—
					Mixer	100 60 0	—	432	—
*1LD5	U.S.A.	14	LO8	1-4	Diode	—	—	010	—
					Pent.	100 60 0	—	430	0-6
*1LE3-GL	U.S.A.	14	LO8	1-4	Triode	100 60 0	—	129	1-3
*1LG5	U.S.A.	14	LO8	1-4	Pent.	60 60 0	—	430	0-9
*1LH4	U.S.A.	14	LO8	1-4	Diode	—	—	010	—
					Triode	100 60 0	—	130	0-3
*1LN5-E	U.S.A.	14	LO8	1-4	Pent.	100 100 0	—	430	0-8
*1N5-G/GT	U.S.A.	12	IO1	1-4	Pent.	100 100 0	G	320	0-8
*1N6-G/GT	U.S.A.	12	IO1	1-4	Diode	—	—	001	—
					Pent.	100 100 5	—	420	0-8
*1P5-G/GT	U.S.A.	12	IO1	1-4	Pent.	100 100 0	G	320	0-8
*1P10	Mazda	15	B7G	1-4	Pent.	60 60 7	—	743	1-5
*1Q5-G/GT	U.S.A.	12	IO1	1-4	Tetr.	100 100 5	—	420	2-0
*1R4	U.S.A.	14	LO8	1-4	Diode	—	—	060	—
*1R5	U.S.A.	15	B7G	1-4	Osc.	60 60 0	—	027	—
					Mixer	60 60 0	—	106	—
*1S4	U.S.A.	15	B7G	1-4	Pent.	60 60 6	—	345	1-5
*1S5	U.S.A.	15	B7G	1-4	Diode	—	—	007	—
					Pent.	60 60 0	—	144	0-6
*1SA6-GT	U.S.A.	12	IO1	1-4	Pent.	100 60 0	—	802	1-0
*1SB6-GT	U.S.A.	12	IO1	1-4	Diode	—	—	300	—
					Pent.	100 60 0	—	623	0-63
*1T4	U.S.A.	15	B7G	1-4	Pent.	60 60 0	—	106	0-8
*1T5-GT	U.S.A.	12	IO1	1-4	Pent.	100 100 6	—	420	1-2
*1U4	U.S.A.	15	B7G	1-4	Pent.	100 100 0	—	506	0-9
*1U5	U.S.A.	15	B7G	1-4	Diode	—	—	060	—
					Pent.	60 60 0	—	506	0-6
*2A3	U.S.A.	3	UX4	2-5	Triode	100 60 15	—	120	3-0
*2A5	U.S.A.	1	UX6	2-5	Pent.	100 100 6	—	102	1-6
*2A6	U.S.A.	1	UX6	2-5	Diode	—	B	300	—
					Diode	—	B	001	—
					Triode	100 60 0	G	200	1-0
*2A7-S	U.S.A.	8	UX7	2-5	Osc.	100 60 0	B	451	0-6
					Mixer	100 60 0	G	632	1-2
*2B6	U.S.A.	8	UX7	2-5	Triode	100 100 10	—	550	2-2
					Triode	100 100 10	—	208	2-2
*2B7-S	U.S.A.	8	UX7	2-5	Diode	—	B	300	—
					Diode	—	B	001	—
					Pent.	100 100 0	G	630	1-0

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
2C21	U.S.A.	8	UX7	6.3	Triode Triode	250 200 15 250 200 15	B G	705 200	1.4 1.4
2C22	U.S.A.	12	IO1	6.3	Triode	200 100 7	R, G	000	2.5
2D2	Mullard	4	Br5	2	Diode Diode	— —	— —	100 010	— —
2D4A	Mullard	4	Br5	4	Diode Diode	— —	— —	100 010	— —
2D4B	Mullard	5	Br7	4	Diode Diode	— —	— —	300 020	— —
2D13	Mullard	11	Sc5	13	Diode Diode	— —	B R	001 000	— —
2D13A	Mullard	11	Sc5	13	Diode	—	—	001	—
2D13C	Mullard	4	Br5	13	Diode Diode	— —	— —	300 100	— —
*2P	Cossor	4	Br5	2	Triode	100 60 6	—	120	5.0
*2XP	Cossor	4	Br5	2	Triode	100 60 9	—	120	3.5
*3A5	U.S.A.	15	B7G	2.5	Triode Triode	100 60 3 100 60 3	— —	085 383	1.8 1.8
⑦*3A8-GT	U.S.A.	12	IO1	2.5	Diode Triode Pent.	— 100 100 0 100 100 0	B B G	082 587 690	— 0.3 0.8
*3B5-GT	U.S.A.	12	IO1	2.5	Tetr.	60 60 6	—	428	1.5
*3B7	U.S.A.	14	LO8	1.4	Triode Triode	60 60 0 60 60 0	— —	584 890	1.5 1.5
3C5-GT	U.S.A.	12	IO1	2.5	Pent.	60 60 7	—	438	1.5
3C6	U.S.A.	14	LO8	2.5	Triode Triode	100 60 0 100 60 0	— —	278 708	1.3 1.3
3D6	U.S.A.	14	LO8	2.5	Tetr.	100 60 4	—	438	1.8
*3LE4	U.S.A.	14	LO8	2.5	Tetr.	100 100 9	—	438	1.6
*3LF4	U.S.A.	14	LO8	2.5	Tetr.	100 100 5	—	498	2.0
*3Q4	U.S.A.	15	B7G	2.5	Pent.	60 60 3	—	348	1.6
*3Q5-G-GT	U.S.A.	12	IO1	2.5	Pent.	100 100 6	—	428	2.0
*3S4	U.S.A.	15	B7G	2.5	Pent.	60 60 4.5	—	748	1.0
*3V4	U.S.A.	15	B7G	1.4	Pent.	60 60 3	—	506	1.1
4D1	Brimar	5	Br7	13	Triode	200 100 3	G	020	4.0
4THA	Cossor	5	Br7	4	Triode Hexode	100 60 0 100 60 0	B G	560 630	4.7 3.0
4TP	Cossor	5	Br7	4	Triode Hexode	100 60 0 100 60 0	B R	100 020	7.0 —
4TPB	Cossor	5	Br7	4	Pent.	200 100 2	G	710	6.5
⑧4TSA	Cossor	5	Br7	4	Pent. Pent.	100 100 0 100 100 0	B R	430 400	1.6 1.6
4TSP	Cossor	5	Br7	4	Pent.	200 100 2	R	510	6.5
*4XP	Cossor	4	Br5	4	Triode	100 60 10	—	120	5.0
*6A3	U.S.A.	3	UX4	6.3	Triode	100 60 15	—	120	3.0
*6A4-LA	U.S.A.	2	UX5	6.3	Pent.	100 100 6	—	115	1.2
*6A5-G	U.S.A.	12	IO1	6.3	Triode	100 60 15	—	128	5.0
6A7-S-E	U.S.A.	8	UX7	6.3	Osc. Mixer	100 60 0 100 60 0	B G	451 632	0.6 1.2
6A8-G-GT	U.S.A.	12	IO1	6.3	Osc. Mixer	100 60 0 100 60 0	B G	457 626	0.6 1.2
6AB6-G	U.S.A.	12	IO1	6.3	Triode	100 100 0	—	420	—
6AB7-1853	U.S.A.	12	IO1	6.3	Pent.	250 200 3	—	862	5.0
6AC5-G-GT	U.S.A.	12	IO1	6.3	Pent.	250 200 0	—	120	1.0
6AC6-G-GT	U.S.A.	12	IO1	6.3	Triode	100 100 0	—	420	—
6AC7-1852	U.S.A.	12	IO1	6.3	Pent.	200 100 0	—	802	7.3
6AD5-G	U.S.A.	12	IO1	6.3	Triode	250 200 0	—	120	—

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
6AD7-G	U.S.A.	12	IO1	6.3	Triode Pent.	100 60 0 100 100 6	—	077 430	0.4 1.6
6AE5-G-GT	U.S.A.	12	IO1	6.3	Triode	100 60 15	—	120	1.2
⑨6AE6-G	U.S.A.	12	IO1	6.3	Triode Triode	100 60 0 100 60 0	— —	100 520	0.8 0.7
⑩6AE7-GT	U.S.A.	12	IO1	6.3	Triode Triode	100 60 5 100 60 5	— —	820 025	1.0 1.0
6AF5-G-GT	U.S.A.	12	IO1	6.3	Triode	100 60 10	—	120	1.5
6AG5	U.S.A.	16	B7G	6.3	Pent.	100 100 1	—	540	4.0
6AG6-G	Brimar	12	IO1	6.3	Pent.	100 100 3	—	420	6.5
6AG7	U.S.A.	12	IO1	6.3	Pent.	100 100 3	—	802	7.5
6AH5-G	U.S.A.	12	IO1	6.3	Tetr.	100 100 7	—	245	3.3
6AH6	U.S.A.	16	B7G	6.3	Pent.	200 100 2	—	540	7.0
6AH7-GT	U.S.A.	13	IO2	6.3	Triode Triode	100 100 3 100 100 3	— —	770 033	1.5 1.5
6AJ5	U.S.A.	16	B7G	6.3	Pent.	100 60 5	—	549	—
6AJ7	U.S.A.	12	IO1	6.3	Pent.	250 200 1.5	—	802	7.3
6AK5	U.S.A.	16	B7G	6.3	Pent.	100 100 2	—	540	5.0
6AK6	U.S.A.	16	B7G	6.3	Pent.	100 100 5	—	549	1.7
6AK7	U.S.A.	12	IO1	6.3	Pent.	200 100 2	—	802	9.0
6AL5	U.S.A.	16	B7G	6.3	Diode Diode	— —	— —	004 200	— —
6AL6-G	U.S.A.	12	IO1	6.3	Tetr.	100 100 6	R	400	1.6
6AM5	Brimar	16	B7G	6.3	Pent.	100 100 5.5	—	591	1.6
6AM6	Brimar	16	B7G	6.3	Pent.	250 200 2	—	531	7.5
6AN6	U.S.A.	15	B7G	6.3	Diode Diode Diode	— — —	— — —	030 007 060	— — —
6AQ5	U.S.A.	16	B7G	6.3	Pent.	100 100 4.5	—	543	1.9
6AQ6	U.S.A.	16	B7G	6.3	Diode Diode	— —	— —	030 060	— —
6AQ7	U.S.A.	13	IO2	6.3	Triode Diode	100 100 1 —	— —	504 700	1.1 —
6AR5	U.S.A.	16	B7G	6.3	Triode Diode	250 200 2 —	— —	804 060	1.6 —
6AR7-GT	U.S.A.	13	IO2	6.3	Tetr. Triode Diode	100 100 7 250 200 2 —	— — —	540 077 200	1.4 1.0 —
6AS5	U.S.A.	16	B7G	6.3	Rect.	—	—	004	—
6AS6	U.S.A.	16	B7G	6.3	Tetr.	60 60 4.5	—	864	3.9
6AS7	U.S.A.	13	IO2	6.3	Pent. Triode	100 100 2 60 60 15	— —	540 804	3.5 8.0
6AT6	U.S.A.	16	B7G	6.3	Triode Diode	60 60 15 —	— —	077 030	8.0 —
6AU6	U.S.A.	16	B7G	6.3	Diode Diode	— —	— —	060 060	— —
6AV6	U.S.A.	16	B7G	6.3	Triode Triode	100 100 1 100 100 1	— —	504 540	1.3 3.9
*6B4-G	U.S.A.	12	IO1	6.3	Pent.	100 60 15	—	120	3.0
6B5	U.S.A.	1	UX6	6.3	Triode	100 100 0	—	102	2.0
6B6-G	U.S.A.	12	IO1	6.3	Diode Diode Triode	— — 100 60 0	— — B	300 200 020	— — 1.0
6B7-E-B-S	U.S.A.	8	UX7	6.3	Diode Diode Pent.	— — 200 100 3	— — G	300 001 630	— — 1.3

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
6B8-G-EG- SG	U.S.A.	12	1O1	6-3	Diode Diode Pent.	— — 200 100 3	B B G	300 200 026	— — 1-3
6BA6	U.S.A.	16	B7G	6-3	Pent.	100 100 1	—	540	4-3
6BD6	U.S.A.	16	B7G	6-3	Pent.	100 100 1	—	540	2-3
6BE6	U.S.A.	16	B7G	6-3	Osc.	100 100 0	—	010	5-0
6BF6	U.S.A.	16	B7G	6-3	Mixer Diode Diode Triode	100 100 1-5 — — 250 200 9	— — — —	043 030 060 504	— — — 1-9
6BG6G	U.S.A.	12	1O1	6-3	Pent.	100 100 10	R	501	8-5
6BH6	U.S.A.	16	B7G	6-3	Pent.	200 100 1	—	540	3-7
6BJ6	U.S.A.	16	B7G	6-3	Pent.	100 100 1	—	540	3-6
6C4	U.S.A.	16	B7G	6-3	Triode	100 100 0	—	720	3-1
6C5-G-GT	U.S.A.	12	1O1	6-3	Triode	100 100 0	—	120	2-0
6C6	U.S.A.	1	UX6	6-3	Pent.	100 100 0	G	202	1-2
6C7	U.S.A.	8	UX7	6-3	Diode Diode Triode	— — 100 60 8	B B G	300 002 030	— — 0-65
6C8-G	U.S.A.	12	1O1	6-3	Triode Triode Triode	100 60 0 100 60 0 100 60 0	G B B	020 507 370	1-6 1-6 —
6C9	Mazda	18	B8A	6-3	Triode Hept.	60 60 0 200 100 2-5	—	633	—
6C31	Mazda	12	1O1	6-3	Triode Hept.	60 60 0 200 100 3	B G	407 630	— —
6D2	Mazda	16	B7G	6-3	Diode Diode	— —	—	200 004	— —
6D5G	U.S.A.	12	1O1	6-3	Triode	100 100 10	—	530	0-8
6D6	U.S.A.	1	UX6	6-3	Pent.	100 100 0	G	202	1-6
6D7	U.S.A.	8	UX7	6-3	Pent.	100 100 0	G	330	1-2
6D8G	U.S.A.	12	1O1	6-3	Osc. Mixer Triode	100 60 0 100 60 0 100 100 11	B G —	457 626 560	— — 1-0
6E6	U.S.A.	8	UX7	6-3	Triode Triode	100 100 11 100 100 11	—	830	1-0
6E7	U.S.A.	8	UX7	6-3	Pent.	109 100 3	G	330	1-5
6E8G	U.S.A.	12	1O1	6-3	Triode Hexode	100 60 0 100 60 0	B G	507 620	2-8 —
6F1	Mazda	18	B8A	6-3	Pent.	250 200 2	—	043	9-0
6F5-G-GT	U.S.A.	12	1O1	6-3	Triode	200 100 0	G	100	1-5
6F6-G-EG	U.S.A.	12	1O1	6-3	Triode	100 100 6	—	420	1-6
6F7-B	U.S.A.	8	UX7	6-3	Triode Pent.	100 100 3 100 100 3	B G	501 630	0-5 1-0
6F8-G	U.S.A.	12	1O1	6-3	Triode Triode	100 60 0 100 60 0	B G	507 020	3-0 3-0
6F11	Mazda	18	B8A	6-3	Pent.	100 60 2	—	633	2-2
6F12	Mazda	16	B7G	6-3	Pent.	250 200 2	—	531	7-2
6F13	Mazda	18	B8A	6-3	Pent.	100 100 1	—	633	6-5
6F14	Mazda	18	B8A	6-3	Pent.	100 100 2	—	633	6-5
6F15	Mazda	18	B8A	6-3	Pent.	200 100 2-5	—	633	2-3
6F17	Mazda	16	B7G	6-3	Tetr.	100 100 3	—	541	5-0
6F32	Mazda	6	Mo8	6-3	Pent.	250 200 4	G	201	3-3
6F33	Mazda	16	B7G	6-3	Pent.	200 100 1-5	—	531	4-3
6G6-G	U.S.A.	12	1O1	6-3	Pent.	100 100 5	—	420	1-7
6H4-GT	U.S.A.	12	1O1	6-3	Diode	—	—	100	—
6H6-G-GT	U.S.A.	12	1O1	6-3	Diode Diode	— —	— —	300 020	— —
6H8-G	U.S.A.	12	1O1	6-3	Diode Diode Pent.	— — 250 200 2	B B G	300 100 026	— — 2-4

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
6J5-G-GT	U.S.A.	12	1O1	6-3	Triode	100 60 0	—	120	3-0
6J6	U.S.A.	16	B7G	6-3	Triode Triode Triode	100 100 4 No test 100 100 0	—	770	5-3
6J7-G-GT	U.S.A.	12	1O1	6-3	Pent.	100 100 0	G	620	1-2
6J8-G	U.S.A.	12	1O1	6-3	Triode Heptode	100 60 0 100 60 0	B G	507 620	1-3 —
6K5-G-GT	U.S.A.	12	1O1	6-3	Triode	200 100 0	G	020	1-4
6K6-G-GT	U.S.A.	12	1O1	6-3	Pent.	100 100 6	—	420	1-5
6K7-G-EG- GT	U.S.A.	12	1O1	6-3	Pent.	100 100 0	G	620	1-7
6K8-G-GT	U.S.A.	12	1O1	6-3	Triode Hexode	100 60 0 100 60 0	B G	507 620	2-4 0-45
6L1	Mazda	18	B8A	6-3	Triode Triode	200 100 0 200 100 0	—	203 530	2-8 2-8
6L5-G	U.S.A.	12	1O1	6-3	Triode	100 60 0	—	120	2-0
6L6-G	U.S.A.	12	1O1	6-3	Tetr.	100 100 6	—	420	3-8
6L7-G	U.S.A.	12	1O1	6-3	Heptode	100 60 0	G	620	1-1
6L19	Mazda	18	B8A	6-3	Triode Triode Diode	200 100 2 200 100 2 —	— — —	203 200 004	3-0 — —
6LD20	Mazda	18	B8A	6-3	Diode Diode	— —	— —	200 004	— —
6M6-G	U.S.A.	12	1O1	6-3	Triode Pent.	100 60 0 100 100 2	— —	530 420	3-4 6-0
6M7-G	U.S.A.	12	1O1	6-3	Pent.	200 100 2	G	620	3-0
6M8-GT	U.S.A.	12	1O1	6-3	Pent. Triode	100 100 3 100 60 0	G B	630 507	1-9 1-1
6N4	U.S.A.	16	B7G	6-3	Triode	100 60 0	—	593	—
6N6-G	U.S.A.	12	1O1	6-3	Triode	100 100 0	—	420	1-4
6N7-G-GT	U.S.A.	12	1O1	6-3	Triode Triode	100 100 0 100 100 0	— —	507 820	1-5 1-5
6P5-G-GT	U.S.A.	12	1O1	6-3	Triode	100 60 5	—	120	1-2
6P8-G	U.S.A.	12	1O1	6-3	Triode Hexode	100 60 0 100 60 0	B G	507 620	1-6 1-6
6P25	Mazda	12	1O1	6-3	Pent.	100 100 4	—	430	6-0
6P26	Mazda	12	1O1	6-3	Tetr.	100 100 3-5	—	430	—
6P28	Mazda	12	1O1	6-3	Tetr.	60 60 2	R	409	4-2
6Q6G	U.S.A.	12	1O1	6-3	Diode Triode Diode	— 250 200 2 —	B G B	300 020 300	— 1-1 —
6Q7-G-GT	U.S.A.	12	1O1	6-3	Diode Diode Triode	— — 200 100 0	B B G	300 200 020	— — 1-5
6R6G	U.S.A.	12	1O1	6-3	Pent.	200 100 3	G	310	1-4
6R7-G-GT	U.S.A.	12	1O1	6-3	Diode Diode Triode	— — 200 100 6	B B G	300 300 020	— — 1-9
6S6	U.S.A.	12	1O1	6-3	Pent.	200 100 2	G	205	4-0
6S7-G	U.S.A.	12	1O1	6-3	Pent.	200 100 3	G	620	1-7
6S8	U.S.A.	13	1O2	6-3	Diode Diode Diode Triode	— — — 100 100 1	B B B G	700 200 060 030	— — — 0-9
6SA7-G-GT	U.S.A.	12	1O1	6-3	Osc. Mixer	100 60 0 100 60 0	— —	150 633	— —
6SB7-Y	U.S.A.	12	1O1	6-3	Osc. Mixer	100 100 5 200 100 2	— —	100 433	— 0-9
6SC7	U.S.A.	13	1O2	6-3	Triode Triode	250 200 0 250 200 0	— —	507 804	1-4 1-4
6SD7-GT	U.S.A.	12	1O1	6-3	Pent.	100 100 0	—	802	3-5

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
6SE7-GT	U.S.A.	12	IO1	6-3	Pent.	200 100 0	—	802	3-4
6SF5-GT	U.S.A.	15	IO2	6-3	Triode	200 100 0	—	104	1-5
6SF7	U.S.A.	13	IO2	6-3	Diode	—	—	002	—
					Pent.	100 100 3	—	625	1-8
6SG7	U.S.A.	12	IO1	6-3	Pent.	100 100 0	—	802	4-0
6SH7	U.S.A.	12	IO1	6-3	Pent.	100 100 0	—	802	4-0
6SJ7-GT	U.S.A.	12	IO1	6-3	Pent.	100 100 0	—	802	2-0
6SK7-G-GT	U.S.A.	12	IO1	6-3	Pent.	100 100 3	—	802	2-4
6SL7-GT	U.S.A.	15	IO2	6-3	Triode	200 100 0	—	804	1-7
					Triode	200 100 0	—	077	1-7
6SN7-GT	U.S.A.	13	IO2	6-3	Triode	100 60 0	—	804	3-0
					Triode	100 60 0	—	077	3-0
6SQ7-GT	U.S.A.	13	IO2	6-3	Diode	—	—	200	—
					Diode	—	—	004	—
					Triode	100 60 0	—	035	0-9
6SR7	U.S.A.	13	IO2	6-3	Diode	—	—	200	—
					Diode	—	—	002	—
					Triode	100 60 0	—	025	1-7
6SS7	U.S.A.	12	IO1	6-3	Pent.	100 100 0	—	802	1-9
6ST7	U.S.A.	13	IO2	6-3	Diode	—	—	200	—
					Diode	—	—	002	—
					Triode	100 60 0	—	025	1-7
6SU7GTY	U.S.A.	13	IO2	6-3	Triode	250 200 2	—	077	1-6
					Triode	250 200 2	—	804	1-6
6SV7	U.S.A.	13	IO2	6-3	Pent.	200 100 1	—	635	2-8
					Diode	—	—	004	—
6SZ7	U.S.A.	13	IO2	6-3	Triode	250 200 3	—	025	1-2
					Diode	—	—	200	—
					Diode	—	—	004	—
6T6	U.S.A.	12	IO1	6-3	Pent.	200 100 0	G	320	5-5
6T7-G	U.S.A.	12	IO1	6-3	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	100 60 0	G	020	1-2
6T8	U.S.A.	17	B9A	6-3	Diode	—	—	700	—
					Diode	—	—	030	—
					Diode	—	—	200	—
					Triode	100 60 1	—	065	1-3
6TH8G	U.S.A.	12	IO1	6-3	Triode	100 60 0	B	507	1-2
					Hexode	100 60 0	G	620	2-0
6U6-GT	U.S.A.	12	IO1	6-3	Tetr.	100 100 15	—	420	4-5
6U7-G	U.S.A.	12	IO1	6-3	Pent.	100 100 0	G	620	1-6
6V6-G-GT	U.S.A.	12	IO1	6-3	Tetr.	100 100 5	—	420	2-6
6V7-G	U.S.A.	12	IO1	6-3	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	100 60 6	G	020	0-6
6W6-GT	U.S.A.	12	IO1	6-3	Tetr.	100 100 6	—	420	7-5
6W7-G	U.S.A.	12	IO1	6-3	Pent.	100 100 0	G	620	1-2
6Y6-G-GT	U.S.A.	12	IO1	6-3	Tetr.	100 100 15	—	420	5-5
6Y7-G	U.S.A.	12	IO1	6-3	Triode	250 200 0	—	507	2-0
					Triode	250 200 0	—	820	2-0
6Z7-G	U.S.A.	12	IO1	6-3	Triode	100 60 0	—	507	1-5
					Triode	100 60 0	—	820	1-5
7A2	Brimar	4	Br5	4	Pent.	100 100 6	R	120	2-0
7A3	Brimar	5	Br7	4	Pent.	100 100 2	—	420	6-5
7A4	U.S.A.	14	LO8	6-3	Triode	100 60 0	—	129	3-0
7A5	U.S.A.	14	LO8	6-3	Tetr.	100 100 9	—	420	5-5
7A6	U.S.A.	14	LO8	6-3	Diode	—	—	300	—
					Diode	—	—	200	—

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
7A7-E-LM	U.S.A.	14	LO8	6-3	Pent.	100 100 3	—	430	2-0
7A8-E	U.S.A.	14	LO8	6-3	Osc.	100 60 0	—	276	1-6
					Mixer	100 60 0	—	436	—
7AB7	U.S.A.	12	IO1	6-3	Pent.	200 100 2	—	540	1-2
7AD7	U.S.A.	14	LO8	6-3	Pent.	60 60 0	—	430	6-0
7AF7	U.S.A.	14	LO8	6-3	Triode	100 100 0	—	270	2-6
					Triode	100 100 0	—	705	2-6
7AG7	U.S.A.	14	LO8	6-3	Pent.	250 200 2	—	430	4-0
7AH7	U.S.A.	14	LO8	6-3	Pent.	250 200 2	—	430	3-0
7B4	U.S.A.	14	LO8	6-3	Triode	200 100 0	—	120	1-5
7B5-E	U.S.A.	14	LO8	6-3	Pent.	100 100 7	—	420	1-5
7B6	U.S.A.	14	LO8	6-3	Diode	—	—	300	—
					Diode	—	—	001	—
					Triode	250 200 2	—	830	1-1
7B7	U.S.A.	14	LO8	6-3	Pent.	200 100 3	—	430	1-7
7B8-E-LM	U.S.A.	14	LO8	6-3	Osc.	100 60 0	—	276	1-1
					Mixer	100 60 0	—	436	—
7C5-E-LT	U.S.A.	14	LO8	6-3	Tetr.	100 100 5	—	420	2-6
7C6	U.S.A.	14	LO8	6-3	Diode	—	—	300	—
					Diode	—	—	001	—
					Triode	200 100 0	—	830	1-0
7C7-E	U.S.A.	14	LO8	6-3	Pent.	100 100 3	—	430	1-2
7D3	Brimar	5	Br7	40	Pent.	100 100 15	—	420	2-0
7D5	Brimar	5	Br7	13	Pent.	100 100 6	—	420	1-5
7D6	Brimar	5	Br7	40	Pent.	100 100 2	—	420	6-5
7D7	U.S.A.	14	LO8	6-3	Triode	100 60 0	—	270	1-9
					Hexode	200 100 0	—	536	—
7D8	Brimar	5	Br7	13	Pent.	100 100 2	—	420	6-5
7E6	U.S.A.	14	LO8	6-3	Diode	—	—	390	—
					Diode	—	—	091	—
					Triode	200 100 6	—	890	1-9
7E7	U.S.A.	14	LO8	6-3	Diode	—	—	200	—
					Diode	—	—	010	—
					Pent.	100 100 0	—	536	1-6
7F7	U.S.A.	14	LO8	6-3	Triode	250 200 2	—	705	1-6
					Triode	250 200 2	—	270	1-6
7G7/1232	U.S.A.	14	LO8	6-3	Pent.	200 100 2	—	430	4-5
7G8	U.S.A.	14	LO8	6-3	Tetr.	200 100 2-5	—	620	2-1
					Tetr.	No test	—	—	—
7H7	U.S.A.	14	LO8	6-3	Pent.	100 100 0	—	430	3-8
7J7	U.S.A.	14	LO8	6-3	Triode	100 100 0	—	270	1-3
					Heptode	100 100 0	—	536	—
7K7	U.S.A.	14	LO8	6-3	Triode	250 200 2	—	270	1-6
					Diode	—	—	700	—
					Diode	—	—	007	—
7L7	U.S.A.	14	LO8	6-3	Pent.	100 100 0	—	430	3-0
7N7	U.S.A.	14	LO8	6-3	Triode	100 60 0	—	705	3-0
					Triode	100 60 0	—	270	3-0
7Q7	U.S.A.	14	LO8	6-3	Osc.	100 60 0	—	670	4-5
					Mixer	100 60 0	—	430	—
7R7	U.S.A.	14	LO8	6-3	Diode	—	—	100	—
					Diode	—	—	010	—
					Pent.	200 100 0	—	536	3-2
7S7	U.S.A.	14	LO8	6-3	Triode	100 60 0	—	270	—
					Hexode	100 60 0	—	536	—
7T7	U.S.A.	14	LO8	6-3	Pent.	200 100 1	—	430	4-0
7V7	U.S.A.	14	LO8	6-3	Pent.	100 100 0	—	430	5-8
7W7	U.S.A.	14	LO8	6-3	Pent.	200 100 1-5	—	430	5-2

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
7X7	U.S.A.	14	LO8	6-3	Diode	—	—	700	—
					Diode	—	—	007	—
					Triode	250 200 1	—	830	1-5
8A1	Brimar	4	Br5	4	Pent.	100 60 0	R	320	4-0
		5	Br7	4	Pent.	100 60 0	R	510	4-0
8D2	Brimar	5	Br7	13	Pent.	200 100 3	G	750	1-2
9A1	Brimar	4	Br5	4	Pent.	200 100 0	R	320	4-2
		5	Br7	4	Pent.	200 100 0	R	510	4-2
9D2	Brimar	5	Br7	13	Pent.	200 100 0	G	750	1-8
9D6	Brimar	16	B7G	6-3	Pent.	250 200 2-5	—	531	2-5
³ 10	U.S.A.	3	UX4	6-3	Triode	200 100 10	—	120	1-1
10C1	Mazda	18	B8A	30	Triode	100 60 0	—	770	5-3
					Hexode	100 100 2	—	633	2-5
10D1	Brimar	4	Br5	13	Diode	—	—	100	—
					Diode	—	—	010	—
10F1	Mazda	18	B8A	25	Pent.	250 200 10	—	043	9-0
10F9	Mazda	18	B8A	16	Pent.	100 100 2	—	633	2-4
10LD11	Mazda	18	B8A	16	Diode	—	—	002	—
					Diode	—	—	200	—
					Triode	100 100 0	—	530	2-4
10P13	Mazda	18	B8A	40	Tetr.	100 100 7	—	693	2-1
10P14	Mazda	12	IO1	40	Tetr.	100 100 5-5	—	430	8-5
10Y	U.S.A.	3	UX4	2-5	Triode	60 60 15	—	270	—
11A2	Brimar	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 2	G	030	2-8
11D3	Brimar	5	Br7	13	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 2	G	030	1-2
11D5	Brimar	5	Br7	13	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 2	G	030	1-5
11E1	Mazda	6	Mo8	6-3	Tetr.	100 100 10	—	101	4-5
11E2	Mazda	12	IO1	6-3	Tetr.	100 100 10	R	400	—
11E3	Mazda	5	Br7	4	Tetr.	100 100 10	R	550	—
³ 12	U.S.A.	3	UX4	1-1	Triode	100 60 0	—	120	0-5
12A	U.S.A.	3	UX4	5	Triode	100 100 7-5	—	270	1-3
12A5	U.S.A.	8	UX7	13	Pent.	100 100 15	—	695	1-7
12A6	U.S.A.	12	IO1	13	Tetr.	100 100 6	—	420	1-9
12A7	U.S.A.	8	UX7	13	Rect.	—	B	300	—
					Pent.	100 100 10	G	630	0-8
12A8-G-GT	U.S.A.	12	IO1	13	Osc.	100 60 0	B	457	0-6
					Mixer	100 60 0	G	626	1-2
12AH7-GT	U.S.A.	13	IO2	13	Triode	100 60 3	—	770	1-6
					Triode	100 60 3	—	033	1-6
12AL5	U.S.A.	16	B7G	13	Diode	—	—	004	—
					Diode	—	—	200	—
12AT6	U.S.A.	16	B7G	13	Diode	—	—	030	—
					Diode	—	—	060	—
					Triode	100 100 1	—	504	1-3
12AT7	U.S.A.	17	B9A	13	Triode	100 100 1	—	283	4-0
					Triode	100 100 1	—	590	4-0
12AU6	U.S.A.	16	B7G	13	Pent.	100 100 1	—	540	3-9
12AU7	U.S.A.	16	B7G	13	Triode	100 100 0	—	283	3-1
					Triode	100 100 0	—	590	3-1
12AV6	U.S.A.	16	B7G	13	Diode	—	—	060	—
					Diode	—	—	030	—
					Triode	100 100 1	—	504	1-2

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
12AW6	U.S.A.	16	B7G	13	Pent.	200 100 1-2	—	540	4-0
12AW7	U.S.A.	16	B7G	13	Pent.	200 100 1-2	—	540	4-0
12AX7	U.S.A.	16	B7G	13	Triode	100 100 1	—	283	1-2
					Triode	100 100 1	—	590	1-2
12B6M	U.S.A.	12	IO1	13	Triode	250 200 2	G	020	1-1
					Diode	—	B	700	—
12B7	U.S.A.	14	LO8	13	Pent.	100 100 3	—	430	1-9
12B8-GT	U.S.A.	12	IO1	13	Triode	100 100 3	B	703	2-4
					Pent.	100 100 3	G	630	1-8
12BA6	U.S.A.	16	B7G	13	Pent.	100 100 1	—	549	4-3
12BD6	U.S.A.	16	B7G	13	Pent.	200 100 3	—	540	2-0
12BE6	U.S.A.	16	B7G	13	Osc.	100 60 0	—	540	—
					Mixer	100 60 0	—	043	—
					Osc.	100 60 0	—	540	—
12BF6	U.S.A.	16	B7G	13	Mixer	100 60 0	—	043	—
12BJ6	U.S.A.	15	B7G	6-3	Pent.	100 100 1	—	—	—
12C8-GT	U.S.A.	12	IO1	13	Diode	—	B	300	—
					Diode	—	B	200	—
					Pent.	200 100 3	G	026	1-3
12E5-GT	U.S.A.	12	IO1	13	Triode	100 60 6	—	120	0-9
12E5-GT	U.S.A.	12	IO1	13	Triode	100 60 6	—	120	0-9
12F5-G-GT	U.S.A.	12	IO1	13	Triode	200 100 0	G	100	1-5
12G7-GT	U.S.A.	12	IO1	13	Triode	250 200 3	G	030	1-2
					Diode	—	B	700	—
					Diode	—	B	200	—
12H6	U.S.A.	12	IO1	13	Diode	—	—	300	—
					Diode	—	—	020	—
					Triode	100 60 0	—	120	3-0
12J5-GT	U.S.A.	12	IO1	13	Pent.	100 100 0	G	620	1-2
12J7-G-GT	U.S.A.	12	IO1	13	Pent.	100 100 0	G	620	1-7
12K7-G-GT	U.S.A.	12	IO1	13	Pent.	100 100 0	G	620	1-7
12K8GT	U.S.A.	12	IO1	13	Triode	100 60 0	B	507	3-0
					Hexode	100 60 0	G	620	0-8
12Q7-G-GT	U.S.A.	12	IO1	13	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	200 100 0	G	020	1-5
12S8-GT	U.S.A.	13	IO2	13	Diode	—	B	200	—
					Diode	—	B	060	—
					Diode	—	B	700	—
					Triode	100 100 1	G	030	9-0
12SA7-GT	U.S.A.	12	IO1	13	Osc.	100 60 0	—	150	—
					Mixer	200 100 0	—	633	—
12SC7	U.S.A.	13	IO2	13	Triode	250 200 0	—	507	1-4
					Triode	250 200 0	—	804	1-4
12SF5-GT	U.S.A.	13	IO2	13	Triode	200 100 0	—	104	1-5
12SF7	U.S.A.	13	IO2	13	Diode	—	—	002	—
					Pent.	100 100 3	—	625	1-8
12SG7	U.S.A.	12	IO1	13	Pent.	100 100 0	—	802	4-0
12SH7	U.S.A.	12	IO1	13	Pent.	100 100 0	—	802	4-0
12SJ7-GT	U.S.A.	12	IO1	13	Pent.	100 100 0	—	802	2-0
12SK7-GT	U.S.A.	12	IO1	13	Pent.	100 100 3	—	802	2-4
12SL7-GT	U.S.A.	13	IO2	13	Triode	200 100 0	—	804	1-7
					Triode	200 100 0	—	077	1-7
12SN7-GT	U.S.A.	13	IO2	13	Triode	100 60 0	—	804	3-0
					Triode	100 60 0	—	077	3-0
12SQ7-GT	U.S.A.	13	IO2	13	Diode	—	—	200	—
					Diode	—	—	002	—
					Triode	100 60 0	—	025	1-0

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
12SR7	U.S.A.	13	IO2	13	Diode	—	—	200	—
					Diode	—	—	002	—
					Triode	100 60 0	—	025	1-7
12SW7	U.S.A.	13	IO2	13	Diode	—	—	200	—
					Diode	—	—	004	—
					Triode	250 200 9	—	035	1-9
12SX7	U.S.A.	13	IO2	13	Triode	250 200 8	—	077	2-6
					Triode	250 200 8	—	804	2-6
12SY7	U.S.A.	12	IO1	13	Osc.	100 100 0	—	130	4-5
					Mixer	100 100 0	—	633	—
13D.D.T.	Cossor	5	Br7	13	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 3	G	030	2-4
13D.H.A.	Cossor	5	Br7	13	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 0	G	030	1-5
13P.G.A.	Cossor	5	Br7	13	Osc.	100 60 0	B	410	1-2
					Mixer	100 60 0	G	640	1-7
13S.P.A.	Cossor	5	Br7	13	Pent.	200 100 3	G	710	1-8
13V.P.A.	Cossor	5	Br7	13	Pent.	200 100 3	G	710	1-2
/3/14	U.S.A.	2	UX5	13	Pent.	200 100 3	R	206	1-0
14A4	U.S.A.	14	LO8	13	Triode	100 60 0	—	129	3-0
14A5	U.S.A.	14	LO8	13	Pent.	100 100 5	—	420	2-5
14A7/12B7	U.S.A.	14	LO8	13	Pent.	100 100 0	—	430	2-3
14AF7	U.S.A.	14	LO8	13	Triode	100 100 0	—	270	2-6
					Triode	100 100 0	—	705	2-6
14B6	U.S.A.	14	LO8	13	Diode	—	—	300	—
					Diode	—	—	001	—
					Triode	200 100 2	—	830	1-1
14B8	U.S.A.	14	LO8	13	Osc.	100 60 0	—	276	1-1
					Mixer	100 60 0	—	436	—
14C5	U.S.A.	14	LO8	13	Tetr.	100 100 5	—	420	2-6
14C7	U.S.A.	14	LO8	13	Pent.	100 100 3	—	430	1-2
14E6	U.S.A.	14	LO8	13	Diode	—	—	390	—
					Diode	—	—	091	—
14E7	U.S.A.	14	LO8	13	Diode	—	—	100	—
					Diode	—	—	010	—
					Pent.	100 100 0	—	536	1-6
14F7	U.S.A.	14	LO8	13	Triode	200 100 2	—	706	1-6
					Triode	200 100 2	—	270	1-6
14H7	U.S.A.	14	LO8	13	Pent.	100 100 0	—	430	3-8
14J7	U.S.A.	14	LO8	13	Triode	100 60 0	—	270	1-3
					Heptode	100 60 0	—	536	—
14N7	U.S.A.	14	LO8	13	Triode	100 60 0	—	705	3-0
					Triode	100 60 0	—	270	3-0
14Q7	U.S.A.	14	LO8	13	Osc.	100 60 0	—	670	4-5
					Mixer	100 60 0	—	430	—
14R7	U.S.A.	14	LO8	13	Diode	—	—	100	—
					Diode	—	—	010	—
					Pent.	100 60 0	—	536	3-2
14S7	U.S.A.	14	LO8	13	Triode	100 60 0	—	270	—
					Hexode	100 60 0	—	536	—
14V7	U.S.A.	14	LO8	13	Pent.	200 100 1	—	430	4-7
14W7	U.S.A.	14	LO8	13	Pent.	200 10 1	—	430	4-6
14X7	U.S.A.	14	LQ8	13	Diode	—	—	007	—
					Diode	—	—	700	—
					Triode	100 100 0	—	830	1-0
15-E	U.S.A.	2	UX5	2	Pent.	60 60 0	G	102	0-8

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
15A2	Brimar	5	Br7	4	Osc.	100 60 0	B	410	0-6
					Mixer	100 60 0	G	640	1-2
15D1	Brimar	5	Br7	13	Osc.	100 60 0	B	410	0-6
					Mixer	100 60 0	G	640	1-2
15D2	Brimar	5	Br7	13	Osc.	100 60 0	B	410	0-6
					Mixer	100 60 0	G	640	1-2
18-E	U.S.A.	1	UX6	13	Pent.	100 100 6	—	102	1-6
*19	U.S.A.	1	UX6	2	Triode	100 60 0	—	510	—
					Triode	100 60 0	—	205	—
19J6	U.S.A.	16	B7G	20	Triode	No Test	—	—	—
					Triode	100 100 0-5	—	770	5-3
19T8	U.S.A.	17	B9A	20	Diode	—	—	200	—
					Diode	—	—	700	—
					Diode	—	—	020	—
					Triode	100 100 1	—	077	1-3
③ *20	U.S.A.	3	UX4	2-5	Triode	100 60 10	—	120	0-4
20A1	Brimar	5	Br7	4	Triode	100 60 0	B	560	1-6
					Hexode	100 60 0	G	630	1-6
20D1	Mazda	16	B7G	6-3	Diode	—	—	200	—
					Diode	—	—	004	—
20D2	Brimar	5	Br7	13	Triode	100 60 0	B	560	2-4
					Hexode	100 60 0	G	630	0-4
20F2	Mazda	18	B8A	13	Pent.	100 100 1	—	633	9-0
20J8	U.S.A.	12	IO1	20	Triode	100 60 0	B	507	1-3
					Heptode	100 60 0	G	620	—
20L1	Mazda	18	B8A	13	Triode	200 100 0	—	530	2-8
					Triode	200 100 0	—	203	2-8
20P1	Mazda	12	IO1	35	Tetr.	100 100 10	R	400	—
20P2	Mazda	12	IO1	35	Tetr.	100 100 3-5	R	400	9-0
21A7	U.S.A.	14	LO8	20	Triode	100 60 0	—	270	1-9
					Hexode	100 60 0	—	536	—
③ *22	U.S.A.	3	UX4	2-5	Tetr.	100 60 0	G	140	0-3
24-A-E	U.S.A.	2	UX5	2-5	Tetr.	100 60 0	G	102	1-0
25A6-G-GT	U.S.A.	12	IO1	25	Pent.	100 100 15	—	420	2-0
25A7-G-GT	U.S.A.	12	IO1	25	Rect.	—	—	001	—
					Pent.	100 100 15	—	430	1-8
25AC5-G-GT	U.S.A.	12	IO1	25	Triode	200 100 0	—	120	—
25B5	U.S.A.	1	UX6	25	Triode	100 100 0	—	102	2-2
25B6-G	U.S.A.	12	IO1	25	Pent.	100 100 15	—	420	4-8
25B8-GT	U.S.A.	12	IO1	25	Triode	100 100 0	B	703	1-5
					Pent.	100 100 3	G	630	2-0
25C6-G	U.S.A.	12	IO1	25	Tetr.	100 100 15	—	420	5-5
25D8GT	U.S.A.	12	IO1	25	Diode	—	B	004	—
					Triode	100 100 1	B	507	1-1
					Pent.	100 100 3	G	630	1-9
25L6-G-GT	U.S.A.	12	IO1	25	Tetr.	60 60 4	—	430	7-3
25N6-G	U.S.A.	12	IO1	25	Triode	100 100 0	—	420	2-5
*25S	U.S.A.	1	UX6	2	Diode	—	—	300	—
					Diode	—	—	001	—
					Triode	100 60 0	—	220	0-6
*26	U.S.A.	3	UX4	1-4	Triode	100 60 6	—	120	0-9
26A6	U.S.A.	12	IO1	25	Pent.	200 100 2	—	430	4-0
26G6	U.S.A.	16	B7G	25	Triode	250 200 9	—	504	1-9
					Diode	—	—	010	—
					Diode	—	—	030	—
26D6	U.S.A.	16	B7G	25	Heptode	200 100 1-5	—	540	5-0
27-S	U.S.A.	2	UX5	2-5	Triode	100 60 6	—	105	0-8
*30	U.S.A.	3	UX4	2	Triode	100 60 3	—	120	0-9

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
*31	U.S.A.	3	UX4	2	Triode	100 60 10	—	120	1-0
*32-E	U.S.A.	3	UX4	2	Heptode	100 60 0	G	140	0-6
③ 32L7-GT	U.S.A.	12	IO1	30	Tetr.	100 100 6	—	430	6-0
					Rect.	—	—	001	—
*33	U.S.A.	2	UX5	2	Pent.	100 100 10	—	115	1-3
*34-E	U.S.A.	3	UX4	2	Pent.	60 60 0	G	140	0-6
35	U.S.A.	2	UX5	2-5	Tetr.	100 60 0	G	102	1-0
35A5-LT	U.S.A.	14	LO8	35	Tetr.	100 100 8	—	420	5-5
35B5	U.S.A.	16	B7G	35	Tetr.	100 100 7-5	—	543	5-8
35C5	U.S.A.	16	B7G	35	Pent.	60 60 5	—	862	3-0
35L6-G-GT	U.S.A.	12	IO1	35	Tetr.	100 100 8	—	420	5-3
35-51	U.S.A.	2	UX5	2-5	Tetr.	100 60 0	G	102	1-0
35S/51	U.S.A.	2	UX5	2-5	Tetr.	100 60 1	G	206	8-0
36-E	U.S.A.	2	UX5	6-3	Tetr.	100 60 0	G	102	0-9
37	U.S.A.	2	UX5	6-3	Triode	100 60 6	—	105	0-8
38	U.S.A.	2	UX5	6-3	Pent.	100 100 9	G	102	0-9
39/44-E	U.S.A.	2	UX5	6-3	Pent.	100 100 3	G	102	1-0
*40	U.S.A.	3	UX4	5	Triode	100 60 0	—	120	0-2
40P.A.A.	Cossor	5	Br7	40	Pent.	100 100 15	—	420	3-3
41-E	U.S.A.	1	UX6	6-3	Pent.	100 100 6	—	102	1-5
41F.P.	Cossor	4	Br5	4	Triode	100 60 6	—	120	3-0
41M.D.G.	Cossor	4	Br5	4	Tetr.	100 60 6	—	120	0-25
41M.H.	Cossor	4	Br5	4	Triode	100 60 0	—	120	4-0
41M.H.F.	Cossor	4	Br5	4	Triode	100 60 0	—	120	2-8
41M.H.L.	Cossor	4	Br5	4	Triode	100 60 0	—	120	3-5
41M.L.F.	Cossor	4	Br5	4	Triode	100 60 3	—	120	1-9
41M.P.	Cossor	4	Br5	4	Triode	100 60 2	—	120	5-0
41M.P.G.	Cossor	5	Br7	4	Osc.	100 60 0	B	410	1-8
					Mixer	100 60 0	G	640	2-6
41M.P.T.	Cossor	5	Br7	4	Pent.	200 100 0	R	510	5-0
41M.R.C.	Cossor	4	Br5	4	Triode	100 60 0	—	120	2-6
41M.S.G.	Cossor	4	Br5	4	Tetr.	100 60 0	R	320	2-5
41M.T.A.	Cossor	4	Br5	4	Triode	100 60 0	—	120	2-8
41M.T.B.	Cossor	4	Br5	4	Triode	200 100 0	—	120	2-6
41M.T.L.	Cossor	4	Br5	4	Triode	200 100 3	—	120	3-0
④ 41M.T.S.	Cossor	5	Br7	4	Pent. 1	200 100 0	—	430	1-6
					Pent. 2	200 100 0	—	460	1-6
41M.X.P.	Cossor	4	Br5	4	Triode	100 60 6	—	120	5-3
41S.T.H.	Cossor	5	Br7	4	Triode	100 60 0	B	560	1-9
					Hexode	100 60 0	G	630	1-5
42-E	U.S.A.	1	UX6	6-3	Pent.	100 100 6	—	102	1-6
42M.P.T.	Cossor	5	Br7	4	Pent.	100 100 2	R	510	6-0
42M.P./PEN	Cossor	5	Br7	4	Pent.	100 100 2	—	420	4-3
420T.	Cossor	5	Br7	4	Tetr.	100 100 3	—	420	4-5
420T.D.D.	Cossor	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Tetr.	100 100 3	G	750	4-5
42P.T.B.	Cossor	5	Br7	4	Pent.	100 100 2	G	750	6-0
42S.P.T.	Cossor	5	Br7	4	Pent.	100 100 6	R	550	7-0
43-E	U.S.A.	1	UX6	25	Pent.	100 100 15	—	102	2-0
44	U.S.A.	2	UX5	6-3	Pent.	100 100 3	G	102	1-0
*45	U.S.A.	3	UX4	2-5	Triode	100 60 12	—	120	1-4
*46	U.S.A.	2	UX5	2-5	Tetr.	100 60 6	—	125	2-3
*47-E	U.S.A.	2	UX5	2-5	Pent.	100 100 6	—	115	1-6
48	U.S.A.	1	UX6	30	Tetr.	60 60 10	—	102	2-9
*49	U.S.A.	2	UX5	2	Tetr.	100 60 15	—	125	1-0
③ *50	U.S.A.	3	UX4	6-3	Triode	100 60 10	—	120	0-9
50A5	U.S.A.	14	LO8	50	Tetr.	60 60 4	—	429	5-0

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
50B5	U.S.A.	16	B7G	50	Tetr.	100 100 7-5	—	543	7-3
50C5	U.S.A.	16	B7G	50	Tetr.	60 60 4	—	864	5-5
50C6G	U.S.A.	12	IO1	50	Tetr.	100 100 15	—	420	5-5
50L6-GT	U.S.A.	12	IO1	50	Tetr.	100 100 10	—	420	7-0
51	U.S.A.	2	UX5	2-5	Pent.	200 100 3	G	102	1-0
*52	U.S.A.	2	UX5	6-3	Tetr.	100 60 10	—	125	1-5
55-G	U.S.A.	1	UX6	2-5	Diode	—	B	300	—
					Diode	—	B	001	—
					Triode	100 60 6	G	200	0-65
56-S-AS	U.S.A.	2	UX5	2-5	Triode	100 60 3	—	105	1-1
57-S-AS	U.S.A.	1	UX6	2-5	Pent.	100 100 0	G	202	1-2
58-S-AS	U.S.A.	1	UX6	2-5	Pent.	100 100 0	G	202	1-6
70A7	U.S.A.	12	IO1	70	Diode	No Test	—	—	—
					Tetr.	100 100 7	—	430	5-7
70L7-GT	U.S.A.	12	IO1	70	Rect.	—	—	002	—
					Tetr.	100 100 9	—	430	7-0
*71A	U.S.A.	3	UX4	5	Triode	100 60 15	—	120	1-4
75-S	U.S.A.	1	UX6	6-3	Diode	—	B	300	—
					Diode	—	B	001	—
					Triode	100 60 0	G	200	1-0
76	U.S.A.	2	UX5	6-3	Triode	100 60 3	—	105	1-1
77-E	U.S.A.	1	UX6	6-3	Pent.	100 60 0	G	202	1-2
78-E	U.S.A.	1	UX6	6-3	Pent.	100 100 0	G	202	1-7
79	U.S.A.	1	UX6	6-3	Triode	200 100 0	G	010	2-0
					Triode	200 100 0	B	205	2-0
85	U.S.A.	1	UX6	6-3	Diode	—	B	300	—
					Diode	—	B	001	—
					Triode	100 60 6	G	200	0-65
85A/S	U.S.A.	1	UX6	6-3	Triode	250 200 9	G	200	1-2
					Diode	—	B	700	—
					Diode	—	B	007	—
86M	U.S.A.	2	UX5	2-5	Triode	100 60 3	—	105	1-1
87S	U.S.A.	1	UX6	2-5	Pent.	100 100 0	G	202	1-2
88-M-S	U.S.A.	1	UX6	2-5	Pent.	100 100 0	G	202	1-6
89	U.S.A.	1	UX6	6-3	Pent.	100 100 9	G	202	1-2
104V	Mullard	4	Br5	4	Triode	100 60 6	—	120	3-5
*112-A	U.S.A.	3	UX4	5	Triode	100 60 5	—	120	1-5
117L7-GT	U.S.A.	12	IO1	117	Rect.	—	—	001	—
					Tetr.	100 100 6	—	930	5-0
117L7-GT/ 117M7	U.S.A.	12	IO1	117	Rect.	—	—	001	—
					Tetr.	100 100 6	—	930	5-0
117M7-GT	U.S.A.	12	IO1	117	Rect.	—	—	001	—
					Tetr.	100 100 6	—	930	5-0
117N7-GT	U.S.A.	12	IO1	117	Rect.	No Test	—	—	—
					Tetr.	100 100 6	—	920	5-0
117P7-GT	U.S.A.	12	IO1	117	Rect.	No Test	—	—	—
					Tetr.	100 100 6	—	920	5-0
151V	Mullard	4	Br5	4	Triode	100 60 3	—	120	1-7
164V	Mullard	4	Br5	4	Triode	100 60 2	—	120	3-5
*182B-482B	U.S.A.	3	UX4	5	Triode	100 60 15	—	120	1-3
*183-483	U.S.A.	3	UX4	5	Triode	60 60 15	—	120	0-8
201-B-C	U.S.A.	3	UX4	5	Triode	100 100 5	—	270	0-75
202D.D.T.	Cossor	5	Br7	20	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 3	G	030	2-4
202M.P.G.	Cossor	5	Br7	20	Osc.	100 60 0	B	410	1-8
					Mixer	10 60 0	G	640	2-6
202S.P.B.	Cossor	5	Br7	20	Pent.	200 100 0	G	710	2-8

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
202S.T.H.	Cossor	5	Br7	20	Triode	100 100 0	B	560	1.9
					Hexode	200 100 0	G	630	2.0
202V.P.	Cossor	5	Br7	20	Pent.	200 100 0	R	510	2.2
202V.P.B.	Cossor	5	Br7	20	Pent.	200 100 0	G	710	2.2
203THA	Cossor	5	Br7	20	Triode	100 60 0	B	560	4.7
					Hexode	100 60 0	G	630	3.0
205D	U.S.A.	3	UX4	4	Tetr.	60 60 15	B	270	—
*210D.D.T.	Cossor	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1.1
*210D.E.T.	Cossor	4	Br5	2	Triode	100 60 0	—	120	0.9
*210D.G.	Cossor	4	Br5	2	Tetr.	100 60 0	—	120	0.2
*210H.F.	Cossor	4	Br5	2	Triode	100 60 0	—	120	1.1
*210L.F.	Cossor	4	Br5	2	Triode	100 60 0	—	120	1.4
*210P.G.	Cossor	5	Br7	2	Osc.	100 60 0	B	410	0.8
					Mixer	100 60 0	G	640	0.9
*210P.G.A.	Cossor	5	Br7	2	Osc.	100 60 0	B	410	0.8
					Mixer	100 60 0	G	640	0.9
*210R.C.	Cossor	4	Br5	2	Triode	10 60 0	—	120	0.8
*210S.P.G.	Cossor	5	Br7	2	Osc.	100 60 0	B	410	0.8
					Mixer	100 60 0	G	640	0.9
*210S.P.T.	Cossor	4	Br5	2	Pent.	100 60 0	R	320	1.3
		5	Br7	2	Pent.	100 60 0	R	510	1.3
*210T	U.S.A.	3	UX4	6.3	Triode	200 100 10	—	120	1.1
*210V.P.A.	Cossor	5	Br7	2	Pent.	100 100 3	R	510	1.1
*210V.P.T.	Cossor	4	Br5	2	Pent.	100 60 0	R	320	1.1
		5	Br7	2	Pent.	100 60 0	R	510	1.1
*215P.	Cossor	4	Br5	2	Triode	100 60 5	—	120	1.8
*215S.G.	Cossor	4	Br5	2	Tetr.	100 60 0	R	320	1.1
*220B.	Cossor	5	Br7	2	Triode	100 60 0	—	100	1.4
					Triode	100 60 0	—	020	1.4
220D.D.	Cossor	4	Br5	2	Diode	—	—	100	—
					Diode	—	—	010	—
*220H.P.T.	Cossor	4	Br5	2	Pent.	100 100 2	R	120	2.0
		4	Br5 (4 pin)	2	Pent.	100 100 2	—	122	2.0
		4	Br5 (5 pin)	2	Pent.	100 100 2	—	122	2.0
*220I.P.T.	Cossor	5	Br7	2	Pent.	100 60 1	R	510	1.0
*220O.T.	Cossor	4	Br5	2	Tetr.	100 100 4	—	122	2.0
*220P.	Cossor	4	Br5	2	Triode	100 60 5	—	120	1.8
*220P.A.	Cossor	4	Br5	2	Triode	100 60 3	—	120	3.3
*220P.T.	Cossor	4	Br5	2	Pent.	100 100 6	R	120	2.0
		4	Br5 (4 pin)	2	Pent.	100 100 6	—	122	2.0
		4	Br5 (5 pin)	2	Pent.	100 100 6	—	122	2.0
*220S.G.	Cossor	4	Br5	2	Tetr.	100 60 2	R	320	1.6
*220T.H.	Cossor	5	Br7	2	Triode	100 60 0	B	560	1.8
					Heptode	100 60 0	G	630	0.7
*220V.S.	Cossor	4	Br5	2	Pent.	100 60 2	R	320	1.6
*220V.S.G.	Cossor	4	Br5	2	Tetr.	100 60 2	R	320	1.6
*230P.T.	Cossor	4	Br5	2	Pent.	100 100 10	R	120	1.6
		4	Br5 (4 pin)	2	Pent.	100 100 10	—	122	1.6
		4	Br5 (5 pin)	2	Pent.	100 100 10	—	122	1.6
*230X.P.	Cossor	4	Br5	2	Triode	100 60 12	—	120	2.5
*240B	Cossor	5	Br7	2	Triode	100 60 0	—	100	1.3
					Triode	100 60 0	—	020	1.3
					Pent.	100 100 6	—	101	2.0
*240Q.P.	Cossor	5	Br7	2	Pent.	100 100 6	—	021	2.0

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
244V	Mullard	4	Br5	4	Triode	100 60 2	—	120	2.2
302T.H.A.	Cossor	5	Br7	30	Triode	100 60 0	B	560	4.7
					Hexode	100 60 0	G	630	3.0
310	U.S.A.	3	UX4	6.3	Triode	60 60 15	—	270	—
354V	Mullard	4	Br5	4	Triode	100 60 0	—	120	3.5
/3/401	U.S.A.	3	UX4	2.5	Triode	100 100 3	—	270	1.0
402O.T.	Cossor	5	Br7	40	Tetr.	100 100 4	G	430	4.5
402P.	Cossor	5	Br7	40	Triode	100 60 6	G	020	5.3
402PEN	Cossor	5	Br7	40	Pent.	100 100 3	G	320	4.4
402PEN/A	Cossor	5	Br7	40	Pent.	100 100 6	G	320	6.5
403	U.S.A.	16	B7G	6.3	Pent.	100 100 0	—	540	5.0
*410H.F.	Cossor	4	Br5	4	Triode	100 60 0	—	120	1.1
*410L.F.	Cossor	4	Br5	4	Triode	100 60 0	—	120	1.7
*410P.	Cossor	4	Br5	4	Triode	100 60 6	—	120	1.6
*410P.T.	Cossor	4	Br5	4	Pent.	100 100 6	R	120	2.0
			(4 pin)						
			(5 pin)						
*410R.C.	Cossor	4	Br5	4	Triode	100 60 0	—	120	0.8
*410S.G.	Cossor	4	Br5	4	Tetr.	100 60 0	R	320	0.8
415P.T.	Cossor	4	Br5	4	Pent.	100 100 10	R	120	1.6
			(4 pin)						
			(5 pin)						
415X.P.	Cossor	4	Br5	4	Triode	100 60 12	—	120	2.4
425X.P.	Cossor	4	Br5	4	Triode	100 60 7	—	120	2.8
482B	U.S.A.	3	UX4	5	Triode	100 60 14	—	270	1.0
483	U.S.A.	3	UX4	5	Triode	60 60 15	—	270	9.0
484V	Mullard	4	Br5	4	Triode	100 60 0	—	120	2.2
485	U.S.A.	2	UX5	2.5	Triode	200 100 10	—	105	1.4
*610H.F.	Cossor	4	Br5	6.3	Triode	100 60 0	—	120	1.0
*610L.F.	Cossor	4	Br5	6.3	Triode	100 60 0	—	120	2.0
*610P.	Cossor	4	Br5	6.3	Triode	100 60 5	—	120	1.9
*610R.C.	Cossor	4	Br5	6.3	Triode	100 60 0	—	120	0.8
*610S.G.	Cossor	4	Br5	6.3	Pent.	100 60 0	R	320	0.8
*610X.P.	Cossor	4	Br5	6.3	Triode	100 60 10	—	120	2.0
615P.T.	Cossor	4	Br5	6.3	Triode	100 100 10	—	122	1.6
625P	Cossor	4	Br5	6.3	Triode	100 60 6	—	120	2.0
717A	U.S.A.	12	101	6.3	Pent.	100 100 0	—	802	4.0
801	U.S.A.	3	UX4	6.3	Triode	100 100 9.5	—	270	0.8
801A	U.S.A.	3	UX4	6.3	Triode	60 60 15	—	270	—
802	U.S.A.	8	UX7	6.3	Pent.	100 60 15	R	608	—
807	U.S.A.	2	UX5	6.3	Tetr.	100 100 6	R	305	4.1
809	U.S.A.	3	UX4	6.3	Triode	250 200 1.5	R	070	—
812	U.S.A.	3	UX4	6.3	Triode	250 200 8	R	070	—
*840	U.S.A.	2	UX5	2	Pent.	100 60 1.5	R	015	0.4
841	U.S.A.	3	UX4	6.3	Triode	250 200 6	—	270	0.45
843	U.S.A.	2	UX5	2.5	Triode	100 100 7	—	205	0.9
*864	U.S.A.	2	UX5	1.1	Triode	60 60 3	—	270	4.8
865	U.S.A.	3	UX4	6.3	Pent.	100 60 13	R	470	—
904V	Mullard	4	Br5	4	Triode	100 60 0	—	120	3.5
950	U.S.A.	2	UX5	2	Pent.	100 100 12	—	255	0.9
951	U.S.A.	3	UX4	2	Pent.	100 60 3	G	240	6.0
994V	Mullard	4	Br5	4	Triode	100 60 0	—	120	3.6
1203	U.S.A.	14	108	6.3	Diode	—	—	606	—
1204	U.S.A.	12	101	6.3	Pent.	200 100 2	—	540	1.2
1206	U.S.A.	14	108	6.3	Tetr.	200 100 2.5	—	620	2.0
					Tetr.	No test	—	—	—

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
1221	U.S.A.	1	UX6	6-3	Pent.	100 100 0	G	202	1.2
1223	U.S.A.	12	IO1	6-3	Pent.	100 100 0	G	620	1.2
1229	U.S.A.	3	UX4	2	Tetr.	100 60 3	G	260	6.0
1231	U.S.A.	14	LO8	6-3	Pent.	200 100 0	—	430	5.5
1232	U.S.A.	14	LO8	6-3	Pent.	200 100 2	—	430	4.5
1273	U.S.A.	14	LO8	6-3	Pent.	100 100 1	—	430	2.2
1276	U.S.A.	3	UX4	4	Triode	100 60 1.5	—	260	7.0
1284	U.S.A.	14	LO8	13	Pent.	200 100 3	—	430	2.0
*1293	U.S.A.	14	LO8	1.4	Triode	60 60 0	—	530	1.0
*1294	U.S.A.	14	LO8	1.4	Diode	—	—	060	—
*1299	U.S.A.	14	LO8	2.5	Tetr.	100 60 4	R, G	000	1.7
1602	U.S.A.	12	IO1	6-3	Triode	200 100 10	—	420	1.1
1603	U.S.A.	1	UX6	6-3	Pent.	100 100 0	G	202	1.2
*1608	U.S.A.	3	UX4	2.5	Triode	100 100 3	—	270	—
*1609	U.S.A.	2	UX5	1.1	Pent.	100 60 0	—	115	0.7
*1610	U.S.A.	2	UX5	2.5	Pent.	100 60 5	—	255	—
1611	U.S.A.	12	IO1	6-3	Pent.	60 60 5	—	420	1.3
1612	U.S.A.	12	IO1	6-3	Pent.	200 100 3	G	620	1.1
1613	U.S.A.	12	IO1	6-3	Pent.	100 60 4	—	430	1.8
1614	U.S.A.	12	IO1	6-3	Pent.	100 100 6	—	439	4.1
1619	U.S.A.	12	IO1	2.5	Tetr.	100 60 2	—	430	2.0
1620	U.S.A.	12	IO1	6-3	Pent.	100 100 3	G	620	1.2
1621	U.S.A.	12	IO1	6-3	Pent.	100 100 9	—	420	—
1622	U.S.A.	12	IO1	6-3	Tetr.	100 100 9	—	420	—
1624	U.S.A.	2	UX5	2.5	Pent.	60 60 5	R	605	—
1625	U.S.A.	8	UX7	13	Pent.	60 60 5	R	605	—
1626	U.S.A.	12	IO1	13	Triode	60 60 8	—	530	1.0
1631	U.S.A.	12	IO1	13	Pent.	100 100 6	—	430	3.8
1632	U.S.A.	12	IO1	25	Tetr.	100 100 10	—	430	7.0
1633	U.S.A.	13	IO2	13	Triode	100 60 0	—	804	3.0
					Triode	100 60 0	—	077	3.0
1634	U.S.A.	13	IO2	13	Triode	200 100 0	—	507	1.4
					Triode	200 100 0	—	804	1.4
1635	U.S.A.	12	IO1	6-3	Triode	200 100 0	—	507	1.0
					Triode	200 100 0	—	820	1.0
1642	U.S.A.	8	UX7	6-3	Triode	200 100 15	G	200	1.2
					Triode	200 100 15	B	708	1.2
1851	U.S.A.	12	IO1	6-3	Pent.	200 100 0	G	620	5.0
1852	U.S.A.	12	IO1	6-3	Pent.	200 100 0	—	802	9.0
1853	U.S.A.	12	IO1	6-3	Pent.	250 200 3	—	802	5.0
*2101	U.S.A.	2	UX5	2	Pent.	100 100 3	—	115	1.5
*2102	U.S.A.	1	UX6	2	Diode	—	—	300	—
					Diode	—	—	001	—
					Triode	100 60 0	—	220	1.3
*2103	U.S.A.	8	UX7	2	Pent.	100 100 6	—	562	1.3
					Pent.	100 100 6	—	832	1.3
					Pent.	100 100 12	—	102	1.5
2151	U.S.A.	1	UX6	13	Triode	100 60 9	—	278	5.0
5556	U.S.A.	3	UX4	4	Triode	100 60 9	—	278	5.0
5691	U.S.A.	13	IO2	6-3	Triode	200 100 0	—	804	1.7
					Triode	200 100 0	—	077	1.7
5692	U.S.A.	13	IO2	6-3	Triode	100 60 0	—	804	3.0
					Triode	100 60 0	—	077	3.0
5693	U.S.A.	12	IO1	6-3	Pent.	100 100 0	—	802	2.0
7000	U.S.A.	12	IO1	6-3	Pent.	200 100 3	G	206	1.2
7193	U.S.A.	12	IO1	6-3	Triode	200 100 7	R-G	000	2.5
7700	U.S.A.	1	UX6	6-3	Pent.	100 100 0	G	206	1.2
*8016	U.S.A.	12	IO1	1.1	Diode	—	R	000	—
9001	U.S.A.	16	B7G	6-3	Pent.	100 100 3	—	540	1.1

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
9002	U.S.A.	16	B7G	6-3	Triode	100 100 2.5	—	720	1.7
9003	U.S.A.	16	B7G	6-3	Pent.	200 100 3	—	540	1.8
9006	U.S.A.	16	B7G	6-3	Diode	—	—	730	—
A20B	Ever Ready	4	Br5	4	Diode	—	—	100	—
					Diode	—	—	010	—
A23A	Ever Ready	5	Br7	4	Diode	—	—	100	—
					Diode	—	—	010	—
					Triode	250 200 6	G	030	2.0
A27D	Ever Ready	5	Br7	4	Diode	—	—	100	—
					Diode	—	—	010	—
					Pent.	100 100 2	G	052	6.0
A30B	Ever Ready	4	Br5	4	Triode	200 100 2	—	120	2.0
A30D	Ever Ready	4	Br5	4	Triode	200 100 3	—	120	3.0
A36A	Ever Ready	5	Br7	4	Triode	100 60 0	B	560	1.4
					Hexode	100 60 0	G	630	1.2
A36B	Ever Ready	5	Br7	4	Triode	100 60 3	B	560	3.3
					Hexode	100 60 0	G	630	6.8
A36C	Ever Ready	5	Br7	4	Triode	100 100 3	B	560	3.4
					Heptode	200 100 0	G	630	0.8
A40M	Ever Ready	4	Br5	4	Tetr.	200 100 1	R	320	2.5
A50A	Ever Ready	4	Br5	4	Pent.	200 100 2	R	320	2.3
A50B	Ever Ready	5	Br7	4	Pent.	250 200 2	G	750	3.4
A50M	Ever Ready	5	Br7	4	Pent.	200 100 2	R	550	2.3
A50N	Ever Ready	5	Br7	4	Pent.	200 100 2	R	550	2.5
A50P	Ever Ready	5	Br7	4	Pent.	250 200 2	G	750	2.0
A70B	Ever Ready	5	Br7	4	Pent.	100 100 9	—	430	1.8
A70D	Ever Ready	5	Br7	4	Pent.	100 100 2	—	430	6.0
A70E	Ever Ready	5	Br7	4	Pent.	100 100 5	—	430	5.4
A80A	Ever Ready	5	Br7	4	Osc.	100 60 0	B	410	1.2
					Mixer	100 60 0	G	640	2.0
A80B	Ever Ready	5	Br7	4	Osc.	100 60 0	B	410	1.2
					Mixer	100 60 0	G	640	2.0
*A214	Triotron	4	Br5	2	Triode	100 60 0	—	120	1.4
*A409	Philips	4	Br5	4	Triode	100 60 0	—	120	0.9
*A415	Philips	4	Br5	4	Triode	100 60 0	—	120	1.5
*A425	Philips	4	Br5	4	Triode	200 100 0	—	120	1.0
A430N	Triotron	4	Br5	4	Triode	100 60 0	—	120	2.4
A440N	Triotron	4	Br5	4	Triode	200 100 0	—	120	4.0
A441N	Philips	4	Br5	4	Tetr.	60 60 4	—	807	1.0
A577	M. & Osram	4	Br5	4	Pent.	100 60 8	G	100	2.0
A802	M. & Osram	4	Br5	4	Triode	100 60 0	—	120	2.5
A1685	M. & Osram	12	IO1	6-3	Pent.	100 100 3	G	630	3.0
A2040N	Triotron	4	Br5	20	Triode	200 100 0	—	120	4.0
AB1	Philips	4	Br5	4	Diode	—	B	100	—
					Diode	—	R	000	—
*AB2	Philips	11	SC5	4	Diode	—	—	001	—
					Diode	—	—	300	—
ABC1	Philips	10	SC8	4	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	2.8
ABL1	Philips	10	SC8	4	Diode	—	B	300	—
					Diode	—	B	020	—
					Pent.	100 100 2	G	202	6.0
AC2	Philips	10	SC8	4	Triode	100 60 0	G	100	3.0
AC2/HL	Mazda	4	Br5	4	Triode	100 60 0	—	120	6.5
AC2/PEN	Mazda	5	Br7	4	Pent.	100 100 3	—	430	5.0
AC2/PEN-DD	Mazda	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Pent.	100 100 3	G	750	5.0

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
AC4/PEN	Mazda	5	Br7	4	Pent.	100 100 3	—	430	7.0
AC5/PEN	Mazda	5	Br7	4	Pent.	100 100 3	—	430	5.7
AC5/PEN-DD	Mazda	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Pent.	100 100 3	G	750	5.7
AC6/PEN	Mazda	5	Br7	4	Pent.	100 100 3	R	400	5.4
AC/DD	Mazda	4	Br5	4	Diode	—	—	100	—
					Diode	—	—	010	—
AC/DD	Hivac	4	Br5	4	Diode	—	—	100	—
					Diode	—	—	010	—
AC/DDT	Hivac	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Triode	100 60 0	G	050	2.3
AC/HL	Hivac	4	Br5	4	Triode	100 60 0	—	120	3.5
AC/HL	Mazda	4	Br5	4	Triode	100 60 0	—	120	3.0
AC/HL.DD	Mazda	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	050	2.6
AC/HP	Hivac	4	Br5	4	Triode	200 100 0	R	320	3.2
					Triode	200 100 0	R	510	3.2
AC/L	Hivac	4	Br5	4	Triode	100 60 6	—	120	3.0
AC042	Mullard	4	Br5	2	Triode	100 60 15	—	120	2.9
AC044	Mullard	4	Br5	4	Triode	100 60 15	—	120	2.9
AC/P	Mazda	4	Br5	4	Triode	100 60 6	—	120	2.5
AC/P1	Mazda	4	Br5	4	Triode	100 60 12	—	120	2.5
AC/P4	Mazda	4	Br5	4	Triode	100 60 2	R	020	4.5
AC/PT	Lissen	4	Br5	4	Triode	100 100 4	R	120	—
AC/PEN	Mazda	4	Br5	4	Pent.	100 100 3	R	120	2.0
AC/Q	Hivac	5	Br7	4	Tetr.	100 100 9	—	420	3.8
AC/SL.VM	Mazda	4	Br5	4	Pent.	200 100 0	R	320	1.1
AC/S2	Mazda	4	Br5	4	Pent.	100 60 0	R	320	2.5
AC/S2.PEN	Mazda	5	Br7	4	Pent.	200 100 0	R	550	5.5
AC/SG	Mazda	4	Br5	4	Pent.	160 60 0	R	320	1.5
ACSG	Lissen	4	Br5	4	Pent.	100 60 0	R	320	3.0
ACSGV	Lissen	4	Br5	4	Pent.	100 60 0	R	320	2.8
AC/SH	Hivac	4	Br5	4	Pent.	100 60 0	R	320	3.0
AC/SL	Hivac	4	Br5	4	Pent.	100 60 0	R	320	2.8
AC/SQ.VM	Mazda	4	Br5	4	Pent.	100 60 0	R	320	1.5
AC/SP1	Mazda	5	Br7	4	Pent.	250 200 0	R	550	2.7
AC/SP3	Mazda	5	Br7	4	Pent.	200 100 2	G	750	7.0
AC/TH1	Mazda	5	Br7	4	Triode	100 60 3	B	560	3.0
					Hexode	100 60 0	G	630	3.0
AC/THA1	Mazda	6	MO8	4	Triode	100 60 3	B	502	3.0
					Hexode	100 60 0	G	250	3.0
AC/VH	Hivac	4	Br5	4	Pent.	100 60 0	R	320	2.8
AC/VP	Hivac	4	Br5	4	Pent.	200 100 0	R	320	3.0
					Pent.	200 100 0	R	510	3.0
AC/VP1	Mazda	5	Br7	4	Pent.	250 200 3	R	550	2.0
					Pent.	250 200 3	R	320	2.0
AC/VP2	Mazda	5	Br7	4	Pent.	250 200 3	G	750	2.0
AC/UPB	Hivac	5	Br7	4	Pent.	250 200 0	G	750	4.0
AC/US	Hivac	4	Br5	4	Pent.	100 60 0	R	320	2.5
AC/Y	Hivac	4	Br5	4	Pent.	100 100 4	R	120	2.5
					Pent.	100 100 4	—	420	2.5
AC/Z	Hivac	4	Br5	4	Pent.	100 100 2	R	120	5.0
					Pent.	100 100 2	—	420	5.0
AC/ZDD	Hivac	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 2	G	750	5.0

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
*AD1	Philips	10	SC8	4	Triode	100 60 15	—	100	5.0
AF2	Philips	4	Br5	4	Pent.	200 100 0	R	320	2.8
AF3	Philips	10	SC8	4	Pent.	200 100 0	G	102	2.3
AF7	Philips	10	SC8	4	Pent.	200 100 0	G	102	2.3
AG495	Tungsrham	4	Br5	4	Triode	100 60 0	—	120	3.0
AG4100	Tungsrham	4	Br5	4	Triode	100 60 0	—	120	2.0
AH1	Philips	10	SC8	4	Pent.	200 100 0	G	702	1.0
AK2	Philips	10	SC8	4	Osc.	100 60 0	B	422	—
					Mixer	100 60 0	G	252	—
*AL1	Philips	10	SC8	4	Pent.	100 100 6	—	102	1.8
AL2	Philips	10	SC8	4	Pent.	100 100 10	G	102	1.6
AL3	Philips	10	SC8	4	Pent.	100 100 2	—	102	6.0
AL4	Philips	10	SC8	4	Pent.	100 100 2	—	102	6.0
AL5	Philips	10	SC8	4	Pent.	100 100 6	—	102	4.4
AL60	Mullard*	5	Br7	4	Pent.	60 60 2	R	560	7.0
AL495	Tungsrham	4	Br5	4	Triode	100 60 5	—	120	2.2
APP4A	Tungsrham	5	Br7	4	Pent.	100 100 6	—	420	2.2
APP4As	Tungsrham	10	SC8	4	Pent.	100 100 6	G	102	2.2
APP4B	Tungsrham	5	Br7	4	Pent.	100 100 2	—	420	6.3
APP4Bs	Tungsrham	10	SC8	4	Pent.	100 100 2	—	102	6.3
APP4C	Tungsrham	5	Br7	4	Pent.	100 100 2	—	430	6.3
APP4D	Tungsrham	5	Br7	4	Pent.	100 100 7	—	430	4.4
APP4E/X	Tungsrham	5	Br7	4	Pent.	100 100 7	—	430	5.4
APP4Es	Tungsrham	10	SC8	4	Pent.	100 100 7	—	102	5.4
APP4G/X	Tungsrham	5	Br7	4	Pent.	100 100 2	G	750	6.3
APP4100	Tungsrham	4	Br5	4	Pent.	100 100 0	R	120	1.5
APP4120	Tungsrham	4	Br5	4	Pent.	100 100 6	R	120	2.2
AR495	Tungsrham	4	Br5	4	Triode	100 60 0	—	120	4.5
AR4100	Tungsrham	4	Br5	4	Triode	200 100 0	—	120	2.0
AR4101	Tungsrham	4	Br5	4	Triode	200 100 0	—	120	3.0
AS494	Tungsrham	4	Br5	4	Tetr.	200 100 0	R	320	1.5
AS495	Tungsrham	4	Br5	4	Tetr.	200 100 0	R	320	3.5
AS4100	Tungsrham	4	Br5	4	Tetr.	200 100 0	R	320	1.4
AS4105	Tungsrham	4	Br5	4	Tetr.	200 100 0	R	320	1.2
AS4120	Tungsrham	4	Br5	4	Tetr.	200 100 0	R	320	3.0
AS4125	Tungsrham	4	Br5	4	Tetr.	200 100 0	R	320	3.0
*B2	Lissen	4	Br5	4	Triode	100 60 0	—	120	—
*B21	M. & Osram	5	Br7	2	Triode	100 60 0	—	100	1.5
B30	M. & Osram	5	Br7	13	Triode	No test	—	—	—
					Triode	100 100 0	—	707	2.4
B36	M. & Osram	13	102	13	Triode	200 100 5.5	—	802	2.0
					Triode	200 100 5.5	—	077	2.0
B63	M. & Osram	8	UX7	6.3	Triode	100 60 0	—	560	1.5
					Triode	100 60 0	—	830	1.5
B65	M. & Osram	13	102	6.3	Triode	200 100 0	—	804	1.7
					Triode	200 100 0	—	077	1.7
*B217	Philips	4	Br5	2	Triode	100 60 0	—	120	1.2
*B228	Philips	4	Br5	2	Triode	100 60 0	—	120	1.1
*B230	Hivac	5	Br7	2	Triode	100 60 0	—	100	1.3
					Triode	100 60 0	—	020	1.3
*B255	Philips	4	Br5	2	Tetr.	100 60 0	R	320	1.0
*B262	Philips	4	Br5	2	Tetr.	100 60 0	R	320	1.0
*B405	Philips	4	Br5	4	Triode	100 60 12	—	120	1.4
*B406	Philips	4	Br5	4	Triode	100 60 10	—	120	1.1
*B409	Philips	4	Br5	4	Triode	100 60 6	—	120	1.2
*B424	Philips	4	Br5	4	Triode	100 60 0	—	120	2.2
*B438	Philips	4	Br5	4	Triode	200 100 0	—	120	2.0
*B442	Philips	4	Br5	4	Tetr.	200 100 0	R	320	0.9

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
*B443	Philips	4	Br5	4	Tetr.	100 100 12	—	122	1-0
*B443s	Philips	4	Br5	4	Tetr.	100 60 9	—	122	1-5
*B543	Philips	4	Br5	5	Tetr.	100 100 10	—	122	1-0
B2038	Philips	4	Br5	20	Triode	100 60 0	—	120	2-5
B2042	Philips	4	Br5	20	Tetr.	100 60 0	R	320	1-1
B2046	Philips	4	Br5	20	Pent.	200 100 2	R	320	2-8
B2052T	Philips	4	Br5	20	Tetr.	200 100 2	R	320	2-5
B2099	Philips	4	Br5	20	Triode	200 100 0	—	120	3-0
*BB240A	Lissen	5	Br7	2	Triode	100 60 0	—	100	—
					Triode	100 60 0	—	020	—
*BBC12	Dario	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1-5
*BK22	Dario	5	Br7	2	Osc.	100 60 0	B	410	—
					Mixer	100 60 0	G	640	—
BL62	M. & Osram	12	IO1	6-3	Triode	100 60 6	B	507	2-6
					Triode	100 60 6	G	030	2-6
C20C	Ever Ready	4	Br5	13	Diode	—	—	100	—
					Diode	—	—	010	—
C23B	Ever Ready	5	Br7	13	Diode	—	—	100	—
					Diode	—	—	010	—
					Triode	200 100 5	G	030	2-0
C30B	Ever Ready	5	Br7	13	Triode	200 100 4	G	030	3-3
C36A	Ever Ready	5	Br7	20	Triode	100 60 0	B	560	1-4
					Hexode	100 60 0	G	630	1-2
C36B	Ever Ready	5	Br7	30	Triode	100 60 3	B	560	3-3
					Hexode	100 60 0	G	630	0-8
C36C	Ever Ready	5	Br7	30	Triode	100 60 3	B	560	3-4
					Heptode	100 60 0	G	630	0-8
C50B	Ever Ready	5	Br7	13	Pent.	250 200 2	G	750	2-8
C50N	Ever Ready	5	Br7	13	Pent.	250 200 2	G	750	2-2
C70D	Ever Ready	5	Br7	35	Pent.	100 100 4	—	450	5-5
C80B	Ever Ready	5	Br7	13	Osc.	100 60 0	B	410	1-2
					Mixer	100 60 0	G	640	2-0
*C142	Philips	4	Br5	1-1	Tetr.	100 60 0	R	320	0-6
*C243N	Philips	4	Br5	2	Pent.	100 100 3	—	122	2-0
*C405	Philips	4	Br5	4	Triode	100 60 12	—	120	1-2
*C443N	Philips	4	Br5	4	Pent.	100 100 10	—	122	1-2
*C453	Philips	4	Br5	4	Pent.	100 100 12	—	122	1-3
CB1	Philips	11	SC5	13	Diode	—	B	001	—
					Diode	—	R	000	—
CB2	Philips	11	SC5	13	Diode	—	—	001	—
					Diode	—	—	300	—
*CB215	Tungsrn	5	Br7	2	Triode	100 60 0	—	100	1-2
					Triode	100 60 0	—	020	1-2
*CB215s	Tungsrn	10	SC8	2	Triode	100 60 0	—	100	1-2
					Triode	100 60 0	—	028	1-2
*CB220	Tungsrn	5	Br7	2	Triode	100 60 0	—	100	1-2
					Triode	100 60 0	—	020	1-2
CBC1	Philips	10	SC8	15	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	2-5
CBL1	Mullard & Philips	10	SC8	40	Diode	—	B	700	—
					Diode	—	B	030	—
					Pent.	100 100 4	G	202	5-6
CBL1	Tungsrn	10	SC8	40	Diode	—	B	300	—
					Diode	—	B	020	—
					Pent.	100 100 4	G	202	5-6

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
CBL31	Mullard	12	IO1	40	Diode	—	B	200	—
					Diode	—	B	300	—
					Pent.	100 100 4	G	036	5-6
CC2	Philips	10	SC8	13	Triode	100 60 0	G	100	2-5
CCH35	Mullard	12	IO1	6-3	Triode	100 60 0	B	507	2-8
					Hexode	100 60 0	G	620	—
CF1	Philips	10	SC8	13	Pent.	100 100 0	G	102	3-0
CF2	Philips	10	SC8	13	Pent.	100 100 0	G	102	2-6
CF3	Philips	10	SC8	13	Pent.	100 100 2	G	102	1-8
CF7	Philips	10	SC8	13	Pent.	100 100 0	G	102	2-4
CF50	Philips	10	SC8	40	Pent.	200 100 2	G	207	3-3
CH1	Philips	10	SC8	13	Pent.	100 100 0	G	102	1-4
CK1	Philips	10	SC8	13	Osc.	100 60 0	B	422	—
					Mixer	100 60 0	G	252	—
CK3	Philips	10	SC8	25	Osc.	100 60 0	B	422	4-0
					Mixer	100 60 0	G	212	—
CL1	Philips	10	SC8	13	Pent.	100 100 7	G	102	1-8
CL2	Philips	10	SC8	25	Pent.	100 100 7	G	102	2-7
CL4	Philips & Mullard	10	SC8	35	Pent.	100 100 5	G	102	5-6
CL6	Philips & Mullard	10	SC8	35	Pent.	100 60 5	G	102	5-6
CL6	Tungsrn	10	SC8	35	Pent.	100 100 9	G	102	8-0
CL33	Mullard	12	IO1	35	Pent.	100 100 4	—	430	5-6
D1	Mazda	21	B3G	4	Diode	—	R	000	—
D4	Ferranti	4	Br5	4	Triode	100 60 0	—	120	3-3
D41	M. & Osram	4	Br5	4	Diode	—	—	100	—
					Diode	—	—	010	—
D42	M. & Osram	4	Br5	4	Diode	—	—	100	—
D43	M. & Osram	4	Br5	4	Diode	—	R	000	—
D63	M. & Osram	12	IO1	6-3	Diode	—	—	300	—
					Diode	—	—	020	—
D77	M. & Osram	16	B7G	6-3	Diode	—	—	004	—
					Diode	—	—	200	—
*D143	Philips	4	Br5	1-1	Pent.	100 100 10	—	122	1-0
*D210	Hivac	4	Br5	2	Triode	100 60 0	—	120	1-2
*D210SW	Hivac	4	Br5	2	Triode	100 60 0	—	120	1-2
D400	Triotron	4	Br5	4	Diode	—	—	100	—
					Diode	—	—	010	—
*D404	Philips	4	Br5	4	Triode	100 60 15	—	120	2-0
D418	Tungsrn	4	Br5	4	Diode	—	R	100	—
D1300	Triotron	4	Br5	13	Diode	—	—	100	—
					Diode	—	—	010	—
DA	Ferranti	5	Br7	13	Pent.	100 60 0	G	030	3-5
*DA1	Mullard	20	DA4	2	Triode	60 60 0	—	120	0-5
*DA2	Mullard	20	DA4	2	Triode	60 60 3	—	120	0-5
*DA3	Mullard	20	DA4	2	Triode	60 60 4	—	120	0-6
*DA30	M. & Osram	4	Br5	4	Triode	60 60 15	—	120	2-4
*DAC1	Mullard	10	SC8	1-4	Diode	—	B	300	—
					Triode	100 60 0	G	200	0-27
*DAC21	Mullard	13	IO2	1-4	Diode	—	B	030	—
					Triode	100 60 0	G	300	0-35
*DAC32	Mullard	12	IO1	1-4	Diode	—	B	300	—
					Triode	100 60 0	G	030	0-27
*DAF91	Mullard	15	B7G	1-4	Diode	—	—	007	—
					Pent.	60 60 0	—	144	0-6
*DAS1	Mullard	20	DA4	2	Tetr.	100 60 2	R	320	0-6
*DB1	Mullard	20	DA4	1-4	Triode	60 60 0	—	120	0-5

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
*DB3	Mullard	20	DA4	1.4	Triode	60 60 4	—	120	0.6
*DBC21	Mullard	13	102	1.4	Diode	—	B	030	—
					Diode	—	B	004	—
					Triode	100 60 1	R	300	0.9
*DBS1	Mullard	20	DA4	1.4	Tetr.	100 60 3	R	320	0.5
DC3/HL/DD	Mazda	5	Br7	25	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	2.0
DC2/P	Mazda	4	Br5	35	Triode	100 60 6	—	120	3.7
DC2/PEN	Mazda	4	Br5	35	Pent.	100 100 3	R	120	2.0
		5	Br7	35	Pent.	100 100 3	—	430	2.0
DC2/SG	Mazda	4	Br5	20	Pent.	100 60 0	R	320	1.5
DC2/SG.VM	Mazda	4	Br5	20	Peht.	200 100 0	R	320	1.5
DC3/HL	Mazda	4	Br5	25	Triode	100 60 0	—	120	3.0
*DC51	Mullard	20	DA4	1.4	Triode	60 60 0	—	120	0.4
DC/HL	Mazda	4	Br5	6.3	Triode	100 60 0	—	120	3.0
DC/P	Mazda	4	Br5	6.3	Triode	100 60 6	—	120	2.5
DC/PEN	Mazda	4	Br5	6.3	Pent.	100 100 3	R	120	2.0
DC/SG	Mazda	4	Br5	6.3	Pent.	100 60 0	R	320	1.5
DC90	Mullard	15	B7G	2.5	Triode	100 60 2.5	—	783	1.8
					Triode	100 60 2.5	—	095	1.8
DD4	Tungfram, Cossor	4	Br5	4	Diode	—	—	100	—
					Diode	—	—	010	—
*DD4D	Tungfram	5	Br7	4	Diode	—	—	300	—
					Diode	—	—	020	—
DD6	Tungfram	4	Br5	6.3	Diode	—	—	100	—
					Diode	—	—	010	—
DD6Ds	Tungfram	10	SC8	6.3	Diode	—	—	100	—
					Diode	—	—	030	—
DD13	Tungfram	4	Br5	13	Diode	—	—	100	—
					Diode	—	—	010	—
DD41	Mazda	6	MO8	4	Diode	—	—	100	—
					Diode	—	—	300	—
*DD51	Mullard	20	DA4	1.4	Triode	60 60 3	—	120	0.5
*DD207	Mazda	4	Br5	2	Diode	—	—	100	—
					Diode	—	—	010	—
DD465	Tungfram	10	SC8	4	Diode	—	—	100	—
					Diode	—	—	010	—
DD620	Mazda	4	Br5	6.3	Diode	—	—	100	—
					Diode	—	—	010	—
DDL4	Cossor	4	Br5	4	Diode	—	—	100	—
					Diode	—	—	010	—
DD/PEN	Cossor	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 0	R	550	2.7
DDPP4B	Tungfram	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 2	G	750	6.3
DDPP4M	Tungfram	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 2	G	052	6.3
DDPP39	Tungfram	5	Br7	40	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 4	G	750	6.0
DDPP39M	Tungfram	5	Br7	40	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 4	G	052	6.0

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
DDPP39S	Tungfram	10	SC8	40	Diode	—	B	300	—
					Diode	—	B	020	—
					Pent.	100 100 4	G	202	6.0
DDT	Cossor	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 3	G	030	2.4
*DDT2	Tungfram	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 2	G	100	1.2
*DDT2A	Tungfram	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 2	G	100	1.2
*DDT2B	Tungfram	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 3	G	100	0.8
*DDT2Bs	Tungfram	10	SC8	2	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 3	G	200	0.8
DDT4	Tungfram	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Triode	250 200 0	G	030	3.6
DDT4s	Tungfram	10	SC8	4	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	250 200 0	G	200	3.6
DDT13	Tungfram	4	Br5	13	Diode	—	—	100	—
					Diode	—	—	010	—
DDT13	Hivac	5	Br7	13	Diode	—	B	200	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	1.8
DDT16	Cossor	5	Br7	16	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	200 100 3	G	030	2.5
*DDT215	Hivac	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1.3
DET5	M. & Osram	4	Br5	4	Triode	60 60 15	—	120	6.0
*DET7	M. & Osram	4	Br5	4	Tetr.	200 100 15	—	122	2.5
*DET8	M. & Osram	5	Br7	4	Tetr.	200 100 15	—	430	2.5
*DET9	M. & Osram	4	Br5	2	Triode	100 60 6	—	120	1.5
*DET10	M. & Osram	4	Br5	6.3	Triode	200 100 0	—	120	1.0
DET19	M. & Osram	8	UX7	6.3	Triode	100 60 5	R1,B2	300	1.4
					Triode	100 60 5	B1,R2	500	1.4
*DF1	Mullard	10	SC8	1.4	Pent.	100 100 0	G	102	0.75
*DF21	Philips	13	102	1.4	Pent.	100 60 0	G	300	0.7
*DF22	Philips	13	102	1.4	Pent.	100 100 2	G	300	1.0
*DF33	Philips	12	101	1.4	Pent.	100 100 0	G	330	0.75
*DF51	Mullard	20	DA4	1.4	Pent.	60 60 0	R	320	0.25
*DF91	Mullard	15	B7G	1.4	Pent.	60 60 0	—	105	0.8
DH	M. & Osram	4	Br5	16	Triode	100 60 0	—	120	3.7
DH30	M. & Osram	5	Br7	13	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	4.5
DH42	M. & Osram	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	1.2
DH63M	M. & Osram	12	101	6.3	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	100 60 0	G	020	1.2

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
DH71 DH73M	M. & Osram	12	IO1	6.3	Diode	—	B	300	—
					Diode	—	B	200	—
					Diode	—	B	200	—
					Triode	100 60 0	G	020	2.0
DH76	M. & Osram	12	IO1	13	Diode	—	B	200	—
					Diode	—	B	700	—
					Triode	100 60 0	G	030	1.2
DH77	M. & Osram	16	B7G	6.3	Diode	—	—	030	—
					Diode	—	—	060	—
					Triode	100 100 2	—	504	1.2
DH81	M. & Osram	14	LO8	6.3	Diode	—	—	007	—
					Diode	—	—	700	—
					Triode	100 60 0	—	830	1.2
DH101	M. & Osram	14	LO8	20	Diode	—	—	007	—
					Diode	—	—	700	—
					Triode	250 200 1.5	—	890	1.1
DH107	M. & Osram	16	B7G	20	Diode	—	—	030	—
					Diode	—	—	060	—
					Triode	250 200 3	—	504	1.2
DH147	M. & Osram	12	IO1	6.3	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	250 200 6	G	020	2.0
DH149	M. & Osram	14	LO8	6.3	Diode	—	—	780	—
					Diode	—	—	087	—
					Triode	250 200 1	—	890	1.0
DHD	M. & Osram	5	Br7	16	Diode	—	—	100	—
					Diode	—	—	010	—
					Triode	100 60 0	—	030	2.3
DHL	Cossor	4	Br5	16	Triode	100 60 0	—	120	3.2
*DK1	Mullard	10	SC8	1.4	Osc.	100 60 0	B	422	—
					Mixer	100 60 0	G	212	—
*DK32	Mullard	12	IO1	1.4	Triode	60 60 0	B	457	—
					Pent.	60 60 0	G	636	—
*DK40	Mullard	18	B8A	1.4	Osc.	60 60 0	—	329	—
					Mixer	60 60 0	—	643	—
*DK91	Mullard	15	B7G	1.4	Osc.	60 60 0	—	027	—
					Mixer	60 60 0	—	106	—
DL	M. & Osram	4	Br5	16	Triode	100 60 3	—	120	4.5
*DL1	Mullard	10	SC8	1.4	Pent.	100 100 3	—	102	1.2
*DL2	Mullard	10	SC8	1.4	Pent.	100 100 8	—	102	1.5
*DL21	Mullard	13	IO2	1.4	Pent.	100 100 4	G	303	0.8
*DL33	Mullard	13	IO2	1.4	Pent.	100 100 6	—	303	2.2
*DL35	Mullard	12	IO1	1.4	Pent.	100 100 8	—	430	1.5
*DL51	Mullard	20	DA4	1.4	Pent.	60 60 2	R	320	1.5
DL63	M. & Osram	12	IO1	6.3	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	100 60 0	G	020	1.6
DL74M	M. & Osram	12	IO1	6.3	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	100 60 0	G	020	1.6
DL82	M. & Osram	14	LO8	6.3	Diode	—	—	087	—
					Diode	—	—	780	—
					Triode	200 100 3	—	890	1.4
*DL91	Mullard	15	B7G	1.4	Pent.	60 60 6	—	345	1.3
*DL92	Mullard	15	B7G	2.5	Pent.	60 60 6	—	348	1.3
*DL93	Mullard	15	B7G	1.4	Pent.	100 60 5.5	—	726	0.7
*DL94	Mullard	15	B7G	1.4	Pent.	60 60 3	—	596	0.8

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
DL145	M. & Osram	18	B8A	15	Diode	—	—	200	—
					Diode	—	—	004	—
					Triode	250 200 5	—	540	2.3
DLL21	Philips	13	IO2	2.5	Pent.	100 100 6	—	693	—
					Double	100 100 6	—	385	—
DN41	M. & Osram	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Pent.	100 100 2	G	750	6.5
DN143	M. & Osram	14	LO8	6.3	Diode	—	—	007	—
					Diode	—	—	700	—
					Pent.	100 100 2	—	840	6.0
*DO24	Mullard	4	Br5	4	Triode	100 60 10	—	120	3.7
*DO25	Mullard	4	Br5	6.3	Triode	60 60 15	—	120	1.5
*DO26	Mullard	4	Br5	4	Triode	60 60 13	—	120	1.5
*DO30	Mullard	4	Br5	4	Triode	60 60 15	—	120	1.2
DP	Cossor	4	Br5	16	Triode	100 60 3	—	120	4.2
DP495	Triotron	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 3	G	052	3.5
DP4480	Triotron	5	Br7	40	Diode	—	B	200	—
					Diode	—	B	010	—
					Pent.	100 100 5	G	052	5.6
DP/PEN	Cossor	5	Br7	16	Pent.	100 100 5	—	420	2.2
DPT	M. & Osram	4	Br5	16	Pent.	100 100 6	R	120	3.0
					Pent.	100 100 6	—	430	3.0
DS	M. & Osram	4	Br5	16	Pent.	100 60 0	R	320	1.1
DSB	M. & Osram	4	Br5	16	Pent.	100 60 0	R	320	3.2
DS/PEN	Cossor	4	Br5	16	Pent.	200 100 0	R	320	2.3
*DT215	Triotron	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1.5
DT436	Triotron	5	Br7	4	Diode	—	B	200	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	3.6
DT1336	Triotron	5	Br7	13	Diode	—	B	200	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	3.6
DVS/PEN	Cossor	4	Br5	16	Pent.	200 100 0	R	320	2.0
DVSG	Cossor	4	Br5	16	Pent.	100 60 0	R	320	2.5
*E220B	Triotron	5	Br7	2	Triode	100 60 0	—	100	1.3
					Triode	100 60 0	—	020	1.3
*E235	Triotron	4	Br5	2	Triode	100 60 5	—	120	2.5
*E406N	Philips	4	Br5	4	Triode	100 60 10	—	120	3.1
*E408N	Philips	4	Br5	4	Triode	100 60 9	—	120	1.8
E409N	Philips	4	Br5	4	Triode	100 60 8	—	120	1.8
E428	Philips	4	Br5	4	Triode	100 60 0	—	120	2.8
E430N	Triotron	4	Br5	4	Triode	100 60 8	—	120	0.9
E438	Philips	4	Br5	4	Triode	100 60 0	—	120	1.2
E442	Philips	4	Br5	4	Tetr.	200 100 0	R	320	1.0
E442S	Philips	4	Br5	4	Tetr.	100 60 0	R	320	1.1
*E443H	Philips	4	Br5	4	Tetr.	100 100 6	—	122	2.0
*E443N	Philips	4	Br5	4	Tetr.	100 60 12	—	122	1.5
E444S	Philips	4	Br5	4	Diode	—	R	000	—
					Triode	100 60 0	B	120	2.0
E446	Philips	4	Br5	4	Pent.	200 100 0	R	320	2.9
E447	Philips	4	Br5	4	Pent.	200 100 0	R	320	2.9
E455	Philips	4	Br5	4	Tetr.	200 100 0	R	320	2.5
E462	Philips	4	Br5	4	Tetr.	200 100 0	R	320	2.5

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
E499	Philips	4	Br5	4	Triode	200 100 0	—	120	4-0
EA50	Mullard	21	B3G	6-3	Diode	—	R	000	—
EAB1	Philips	10	SC8	6-3	Diode	—	—	100	—
					Diode	—	—	020	—
EAC91	Mullard	16	B7G	6-3	Diode	—	—	700	—
					Triode	200 100 2-8	—	074	2-8
EAF41	Mullard	18	B8A	6-3	Diode	—	—	700	—
					Pent.	200 100 2	—	633	1-8
EAF42	Mullard	18	B8A	6-3	Diode	—	—	700	—
					Pent.	200 100 2	—	633	1-8
EB4	Philips	10	SC8	6-3	Diode	—	—	020	—
					Diode	—	—	001	—
EB11	Mullard	9	T-funk	6-3	Diode	—	—	200	—
					Diode	—	—	001	—
EB34	Philips	12	IO1	6-3	Diode	—	—	700	—
					Diode	—	—	030	—
EB41	Mullard	18	B8A	6-3	Diode	—	—	004	—
					Diode	—	—	060	—
EB91	Mullard	16	B7G	6-3	Diode	—	—	200	—
					Diode	—	—	004	—
EBC3	Philips	10	SC8	6-3	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	250 200 6	G	200	2-0
EBC11	Philips	9	T-funk	6-3	Diode	—	—	060	—
					Diode	—	—	700	—
					Triode	250 200 8	—	200	2-2
EBC33	Philips	12	IO1	6-3	Diode	—	B	300	—
					Diode	—	B	200	—
					Triode	250 200 6	G	020	2-0
EBC41	Mullard	18	B8A	6-3	Diode	—	—	004	—
					Diode	—	—	200	—
					Triode	250 200 3	—	530	1-3
EBF2	Philips	10	SC8	6-3	Diode	—	B	300	—
					Diode	—	B	020	—
					Pent.	200 100 2	G	202	1-8
EBF11	Philips	9	T-funk	6-3	Diode	—	—	700	—
					Diode	—	—	200	—
					Pent.	200 100 2	—	022	1-8
EBF32	Philips	12	IO1	6-3	Diode	—	B	200	—
					Diode	—	B	700	—
					Pent.	200 100 2	G	036	1-8
EBF80	Philips	17	B9A	6-3	Diode	—	—	004	—
					Diode	—	—	007	—
					Pent.	250 200 2	—	150	2-0
EBL1	Philips	10	SC8	6-3	Diode	—	B	300	—
					Diode	—	B	020	—
					Pent.	100 100 2	G	202	6-5
EBL21	Philips	14	LO8	6-3	Diode	—	—	007	—
					Diode	—	—	700	—
					Pent.	100 100 2	—	840	6-0
EBL31	Philips	12	IO1	6-3	Diode	—	B	300	—
					Diode	—	B	200	—
					Pent.	100 100 2	G	026	6-5
EC31	Mullard	12	IO1	6-3	Triode	100 60 6-5	—	530	2-0
EC52	Mullard	7	B9G	6-3	Triode	100 60 1	—	504	4-1
EC80	Philips	17	B9A	6-3	Triode	250 200 1-5	—	569	12
EC91	Mullard	16	B7G	6-3	Triode	250 200 1-5	—	574	8-5

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
ECC31	Mullard	12	IO1	6-3	Triode	250 200 4-6	—	507	2-3
					Triode	250 200 4-6	—	830	2-3
ECC32	Mullard	13	IO2	6-3	Triode	250 200 4-6	—	077	2-3
					Triode	250 200 4-6	—	804	2-3
ECC33	Mullard	13	IO2	6-3	Triode	250 200 4	—	077	3-6
					Triode	250 200 4	—	804	3-6
ECC34	Mullard	13	IO2	6-3	Triode	200 100 13	—	077	2-0
					Triode	200 100 13	—	804	2-0
ECC35	Mullard	13	IO2	6-3	Triode	200 100 2-5	—	077	2-0
					Triode	200 100 2-5	—	804	2-0
ECC40	Mullard	18	B8A	6-3	Triode	250 200 5-5	—	539	2-7
					Triode	250 200 5-5	—	203	2-7
ECC81	Mullard	17	B9A	13	Triode	200 100 1-5	—	283	5-5
					Triode	200 100 1-5	—	590	5-5
ECC91	Mullard	16	B7G	6-3	Triode	100 60 0-5	—	770	5-3
					Triode	No Test	—	—	—
ECF1	Philips	10	SC8	6-3	Triode	100 100 2	B	530	1-8
					Pent.	200 100 2	G	206	2-0
ECH2	Philips	10	SC8	6-3	Triode	100 60 3	B	530	3-5
					Hexode	100 60 0	G	202	—
ECH3	Philips	10	SC8	6-3	Triode	100 60 0	B	530	2-8
					Hexode	100 60 0	G	202	—
ECH4	Mullard	10	SC8	6-3	Triode	No Test	—	—	—
					Heptode	200 100 2	G	206	2-2
ECH11	Philips	9	T-funk	6-3	Triode	100 60 3	—	100	0-65
					Pent.	200 100 2	—	022	—
ECH21	Mullard	14	LO8	6-3	Triode	100 60 2	—	270	3-2
					Heptode	100 60 2	—	536	2-2
ECH33	Mullard	13	IO2	6-3	Triode	250 200 4	—	804	3-6
					Triode	250 200 4	—	077	3-6
ECH35	Philips	12	IO1	6-3	Triode	100 60 0	B	507	2-8
					Hexode	100 60 0	G	620	—
ECH41	Mullard	18	B8A	6-3	Triode	100 60 0	—	770	1-9
					Hexode	200 100 2	—	633	—
ECH42	Mullard	18	B8A	6-3	Triode	100 60 0	—	770	2-8
					Hexode	100 60 1	—	633	—
ECL11	Philips	9	T-funk	6-3	Triode	250 200 3	—	071	1-8
					Tetr.	100 100 3	—	930	5-0
ECL80	Philips	17	B9A	6-3	Triode	100 100 0	—	530	1-9
					Pent.	100 100 4	—	276	2-5
EDD11	Philips	9	T-funk	6-3	Triode	250 200 6	—	071	—
					Triode	250 200 6	—	100	—
EE50	Mullard	7	B9G	6-3	Pent.	200 100 3	—	934	9-0
EF1	Philips	10	SC8	6-3	Pent.	200 100 2	G	102	2-3
EF2	Philips	10	SC8	6-3	Pent.	200 100 2	G	102	2-2
EF5	Philips	10	SC8	6-3	Pent.	200 100 3	G	102	1-7
EF6	Philips	10	SC8	6-3	Pent.	200 100 2	G	102	1-8
EF8	Philips	10	SC8	6-3	Pent.	250 200 2	G	202	1-8
EF9	Philips	10	SC8	6-3	Pent.	200 100 2	G	102	2-2
EF11	Philips	9	T-funk	6-3	Pent.	200 100 2	—	272	2-2
EF12	Philips	9	T-funk	6-3	Pent.	200 100 2	—	272	2-1
EF13	Philips	9	T-funk	6-3	Pent.	200 100 2	—	272	2-3
EF22	Philips	14	LO8	6-3	Pent.	200 100 3	—	430	2-2
EF36	Philips	12	IO1	6-3	Pent.	200 100 2	G	620	1-8
EF37	Philips	12	IO1	6-3	Pent.	200 100 2	G	630	1-8
EF38	Philips	12	IO1	6-3	Pent.	250 200 2	G	630	1-8
EF39	Philips	12	IO1	6-3	Pent.	200 100 2	G	620	2-2
EF41	Philips	18	B8A	6-3	Pent.	200 100 2-5	—	633	2-2

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
EF42	Philips	18	B8A	6-3	Pent.	250 200 1-5	—	633	9-0
EF50	Mullard	7	B9G	6-3	Pent.	100 100 1	—	930	4-6
EF51	Mullard	14	LO8	6-3	Pent.	250 200 2-5	—	536	8-5
EF54	Mullard	7	B9G	6-3	Pent.	100 100 1	—	755	5-5
EF55	Philips	7	B9G	6-3	Pent.	100 100 4	—	930	4-7
EF80	Philips	17	B9A	6-3	Pent.	100 100 1	—	502	5-5
EF91	Philips	16	B7G	6-3	Pent.	100 100 1	—	531	5-0
EF92	Philips	16	B7G	6-3	Pent.	100 100 0	—	531	2-0
EFF50	Philips	7	B9G	6-3	Pent.	100 100 1	—	753	5-6
					Pent.	100 100 1	—	668	5-6
EFF51	Philips	7	B9G	6-3	Pent.	250 200 2	—	755	8-0
					Pent.	250 200 2	—	665	8-0
EH2	Philips	10	SC8	6-3	Mixer	100 60 0	B	422	—
EK1	Philips	10	SC8	6-3	Osc.	100 60 0	G	422	—
EK2	Philips	10	SC8	6-3	Mixer	100 60 0	B	422	—
EK3	Philips	10	SC8	6-3	Osc.	100 60 0	B	422	4-0
EK32	Philips	12	IO1	6-3	Mixer	100 60 0	G	212	—
					Osc.	100 60 0	B	457	—
EL1	Philips	10	SC8	6-3	Pent.	100 100 8	G	102	1-6
EL2	Philips	10	SC8	6-3	Pent.	100 100 7	G	102	1-7
EL3	Philips	10	SC8	6-3	Pent.	100 100 2	—	102	5-5
EL5	Philips	10	SC8	6-3	Pent.	100 100 6	—	102	5-4
EL6	Philips	10	SC8	6-3	Pent.	100 100 3	—	102	9-5
EL11	Philips	9	T-funk	6-3	Pent.	100 100 2	—	272	5-0
EL12	Philips	9	T-funk	6-3	Pent.	100 100 5	—	272	4-0
EL31	Philips	12	IO1	6-3	Pent.	100 100 6	—	499	3-2
EL32	Philips	12	IO1	6-3	Pent.	100 100 7	G	630	1-7
EL33	Philips	12	IO1	6-3	Pent.	100 100 2	—	420	5-5
EL34	Philips	12	IO1	6-3	Pent.	60 60 5	—	930	5-0
EL35	Philips	12	IO1	6-3	Pent.	60 60 4	—	630	2-7
EL36	Philips	12	IO1	6-3	Pent.	100 100 3	—	420	9-5
EL37	Mullard	12	IO1	6-3	Pent.	60 60 4	—	630	—
EL38	Mullard	12	IO1	6-3	Pent.	100 100 5	R	400	4-0
EL41	Philips	18	B8A	6-3	Pent.	250 200 7	—	633	10
EL42	Philips	18	B8A	6-3	Pent.	250 200 12	—	633	2-6
EL50	Philips	10	SC8	6-3	Pent.	100 100 6	R	102	5-3
EL51	Philips	10	SC8	6-3	Pent.	100 100 4	R	506	4-5
EL60	Philips	16	B7G	6-3	Pent.	60 60 5	—	836	5-0
EL91	Philips	16	B7G	6-3	Pent.	100 100 4	—	000	4-3
ELL1	Philips	10	SC8	6-3	Pent.	100 100 8	—	532	1-1
					Pent.	100 100 8	—	272	1-1
EQ80	Mullard	17	B9A	6-3	Nonode	100 60 1-5	—	095	1-8
*F410	Philips	4	Br5	4	Triode	100 60 9	—	120	3-5
*F443	Philips	4	Br5	4	Pent.	100 60 12	—	122	2-7
*F443N	Philips	4	Br5	4	Pent.	100 100 13	—	122	3-2
F460	Philips	4	Br5	4	Triode	100 60 1	—	270	3-0
*FC2	Mullard	5	Br7	2	Osc.	100 60 0	B	410	1-1
					Mixer	100 60 0	G	640	0-9
*FC2A	Mullard	5	Br7	2	Osc.	100 60 0	B	410	1-1
					Mixer	100 60 0	G	640	0-9
FC4	Mullard	5	Br7	4	Osc.	100 60 0	B	410	1-2
					Mixer	100 60 0	G	640	2-0
FC13	Mullard	10	SC8	13	Osc.	100 60 0	B	422	1-2
					Mixer	100 60 0	G	212	2-0

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
FC13C	Mullard	5	Br7	13	Osc.	100 60 0	B	410	1-2
					Mixer	100 60 0	G	640	2-0
*FC141	Mazda	6	MO8	1-4	Osc.	100 100 0	B	451	0-5
					Mixer	100 100 0	G	252	0-6
*FY	Hivac	4	Br5	4	Pent.	100 100 3	—	122	—
*G405	Tungsrām	4	Br5	4	Triode	100 60 0	—	120	0-5
*G407	Tungsrām	4	Br5	4	Triode	100 60 0	—	120	1-8
*G615	Tungsrām	4	Br5	6-3	Triode	100 60 0	—	120	3-0
G2018	Tungsrām	4	Br5	20	Triode	100 60 0	—	120	3-0
GT1	M. & Osram	4	Br5	4	Triode	100 60 15	—	120	—
*H2	Lissen	4	Br5	2	Triode	100 60 0	—	120	1-1
*H2	M. & Osram	4	Br5	2	Triode	100 60 0	—	120	1-0
*H2	Mazda	4	Br5	2	Triode	100 60 0	—	120	1-1
*H2D	Ferranti	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1-3
H4D	Ferranti	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	2-7
*H12	M. & Osram	20	DA4	2	Triode	100 60 0	—	120	1-2
H30	M. & Osram	5	Br7	13	Triode	100 60 0	G	030	6-0
H42	M. & Osram	5	Br7	4	Triode	100 60 0	G	030	1-7
H63	M. & Osram	12	IO1	6-3	Triode	200 100 0	G	100	1-5
*H141D	Mazda	6	MO8	1-4	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	0-5
*H210	M. & Osram	4	Br5	2	Triode	100 60 0	—	120	0-7
*H210	Mazda	4	Br5	2	Triode	100 60 0	—	120	0-8
H210	Tungsrām	4	Br5	2	Triode	100 60 0	—	120	1-0
H210	Hivac	4	Br5	2	Triode	100 60 0	—	120	1-0
*H410	M. & Osram	4	Br5	4	Triode	100 60 0	—	120	—
*H607	Mazda	4	Br5	6-3	Triode	100 60 0	—	120	0-45
*H610	Mazda	4	Br5	6-3	Triode	100 60 0	—	120	0-6
*H610	M. & Osram	4	Br5	6-3	Triode	100 60 0	—	120	—
HAD	Ferranti	5	Br7	13	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	2-9
*HD2	Triotron	4	Br5	2	Triode	100 60 0	—	120	1-0
*HD14	M. & Osram	12	IO1	1-4	Diode	—	B	300	—
					Triode	100 60 0	G	020	0-3
*HD21	M. & Osram	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1-3
*HD22	M. & Osram	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1-5
*HD23	M. & Osram	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	B	100	1-4
*HD24	M. & Osram	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1-4
*HL2	M. & Osram	4	Br5	2	Triode	100 60 0	—	120	1-5
*HL2	Lissen	4	Br5	2	Triode	100 60 0	—	120	1-6
*HL2	Mazda	4	Br5	2	Triode	100 60 0	—	120	1-5
*HL2	Tungsrām	4	Br5	2	Triode	100 60 0	—	120	1-3
*HL2s	Tungsrām	10	SC8	2	Triode	100 60 0	—	100	1-3
HL4-G	Tungsrām	4	Br5	4	Triode	100 60 0	—	120	3-5

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
HL13	Hivac	5	Br7	13	Triode	100 60 0	G	020	3-0
HL13	Mullard	10	SC8	13	Triode	200 100 4	G	100	3-0
HL13	Tungfram	5	Br7	13	Triode	100 60 0	G	020	3-5
HL13C	Mullard	5	Br7	13	Triode	200 100 4	G	020	3-0
HL13s	Tungfram	10	SG8	13	Triode	100 60 0	G	100	3-5
*HL21/DD	Mazda	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1-5
*HL22	Mazda	6	MO8	2	Triode	100 60 0	—	100	1-5
*HL23	Mazda	6	MO8	2	Triode	100 60 0	—	100	1-5
*HL23/DD	Mazda	6	MO8	2	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	1-2
HL41	Mazda	6	MO8	4	Triode	100 60 0	—	100	3-5
HL41/DD	Mazda	6	MO8	4	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	2-5
HL42/DD	Mazda	6	MO8	4	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	2-9
HL133	Mazda	6	MO8	13	Triode	100 60 0	G	100	3-4
HL133/DD	Mazda	6	MO8	13	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	2-5
HL134/DD	Mazda	6	MO8		Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	—
*HL210	Mazda	4	Br5	2	Triode	100 60 0	—	120	1-4
*HL210	M. & Osram	4	Br5	2	Triode	100 60 0	—	120	1-2
*HL607	Mazda	4	Br5	6-3	Triode	100 60 0	—	120	1-0
*HL610	Mazda	4	Br5	6-3	Triode	100 60 0	—	120	1-1
HL1320	Mazda	5	Br7	13	Triode	100 60 0	G	030	3-0
HL/DD1320	Mazda	5	Br7	13	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	2-0
HLA2	Brimar	4	Br5	4	Triode	200 100 3	—	120	5-5
*HP2	Ferranti	5	Br7	2	Triode	100 60 0	—	100	0-8
					Triode	100 60 0	—	020	0-8
HP13	Tungfram	5	Br7	13	Pent.	200 100 0	G	750	3-5
HP13s	Tungfram	10	SC8	13	Pent.	200 100 0	G	102	3-5
*HP210	Tungfram	4	Br5	2	Pent.	100 100 0	R	320	1-7
*HP210c	Tungfram	5	Br7	2	Pent.	100 100 0	R	510	1-7
*HP211	Tungfram	4	Br5	2	Pent.	100 100 0	R	320	1-5
*HP211c	Tungfram	5	Br7	2	Pent.	100 100 0	R	510	1-5
*HP215	Hivac	4	Br5	2	Pent.	100 60 0	R	320	1-2
					Pent.	100 60 0	R	510	1-2
HP2018	Tungfram	4	Br5	20	Pent.	100 100 0	R	320	2-5
					Pent.	100 100 0	R	510	2-5
HP2118	Tungfram	4	Br5	20	Pent.	100 100 0	R	320	3-0
					Pent.	100 100 0	R	510	3-0
HP4101	Tungfram	4	Br5	4	Pent.	200 100 0	R	320	3-5
HP4101c	Tungfram	5	Br7	4	Pent.	200 100 0	R	510	3-5
HP4105	Tungfram	4	Br5	4	Pent.	200 100 0	R	320	3-5
HP4106	Tungfram	5	Br7	4	Pent.	200 100 0	R	510	3-5
HP4115	Tungfram	4	Br5	4	Pent.	200 100 0	R	320	3-2
					Pent.	200 100 0	R	510	3-2
*HR2	Tungfram	4	Br5	2	Triode	100 60 0	—	120	0-6
*HR2s	Tungfram	10	SC8	2	Triode	100 60 0	—	100	0-6

Valve 1	Make 2	H/L No. 3	Base 4	Heater Volts 5	Type 6	Anode, Screen and Grid Volts 7	Cap 8	Selector A, B, C 9	Mutual Conduct 10
*HR210	Tungfram	4	Br5	2	Triode	100 60 0	—	120	1-3
*HR406	Tungfram	4	Br5	2	Triode	100 60 0	—	120	1-5
*HR410	Tungfram	4	Br5	2	Triode	100 60 0	—	120	1-5
*HR607	Tungfram	4	Br5	6-3	Triode	100 60 0	—	120	3-3
HY6J5BTX	U.S.A.	12	IO1	6-3	Triode	100 60 0	—	530	3-0
HY6L6GTX	U.S.A.	12	IO1	6-3	Pent.	100 100 6	—	430	3-8
HY6V6GTX	U.S.A.	12	IO1	6-3	Pent.	100 100 5	—	430	2-6
HY24	U.S.A.	3	UX4	2	Triode	60 60 5	—	270	—
HY60	U.S.A.	2	UX5	6-3	Triode	60 60 0	R	305	—
HY61	U.S.A.	2	UX5	6-3	Triode	100 100 6	R	305	4-1
HY63	U.S.A.	12	IO1	2-5	Triode	60 60 7	R	400	—
HY65	U.S.A.	12	IO1	6-3	Triode	60 60 5	R	400	—
HY69	U.S.A.	2	UX5	6-3	Triode	100 100 10	R	605	3-8
HY75-A	U.S.A.	12	IO1	6-3	Triode	100 100 12	R, G	000	—
HY615	U.S.A.	12	IO1	6-3	Triode	100 100 10	R, G	000	—
HY801A	U.S.A.	3	UX4	6-3	Triode	100 100 10	—	270	—
HYE1148	U.S.A.	12	IO1	6-3	Triode	100 100 10	R, G	000	—
*HVU1	Hivac	4	Br5	4	Diode	—	R	000	—
*K23A	Ever Ready	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 3	G	100	1-2
*K23B	Ever Ready	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 1	G	100	1-0
*K30A	Ever Ready	4	Br5	2	Triode	100 60 2	—	120	0-7
*K30B	Ever Ready	4	Br5	2	Triode	100 60 4	—	120	0-8
*K30C	Ever Ready	4	Br5	2	Triode	100 60 1	—	120	1-0
*K30D	Ever Ready	4	Br5	2	Triode	100 60 3	—	120	0-9
*K30E	Ever Ready	4	Br5	2	Triode	100 60 3	—	120	0-9
*K30G	Ever Ready	4	Br5	2	Triode	100 60 4	—	120	1-7
*K30K	Ever Ready	4	Br5	2	Triode	100 60 0	—	120	1-4
*K33A	Ever Ready	5	Br7	2	Triode	100 60 0	—	020	—
					Triode	100 60 0	—	100	—
*K33B	Ever Ready	5	Br7	2	Triode	100 60 0	—	020	—
					Triode	100 60 0	—	100	—
*K40B	Ever Ready	4	Br5	2	Triode	100 60 0	R	320	1-3
*K40N	Ever Ready	4	Br5	2	Triode	100 60 0	R	320	1-2
*K50M	Ever Ready	5	Br7	2	Pent.	100 100 0	R	550	1-3
*K50N	Ever Ready	5	Br7	2	Pent.	100 60 0	G	350	1-4
*K70B	Ever Ready	4	Br5	2	Pent.	100 100 3	—	122	1-8
*K70D	Ever Ready	4	Br5	2	Triode	100 100 1	—	120	2-5
*K80A	Ever Ready	5	Br7	2	Osc.	100 60 0	B	410	—
					Mixer	100 60 0	G	640	—
*K80B	Ever Ready	5	Br7	2	Osc.	100 60 0	B	410	—
					Mixer	100 60 0	G	640	—
*K435/10	Triotron	4	Br5	4	Triode	100 60 15	—	120	1-7
*K480	Triotron	4	Br5	4	Triode	100 60 7	—	120	1-7
*KB2	Philips	11	SC5	2	Diode	—	—	001	—
					Diode	—	—	300	—
*KBC1	Philips	10	SC8	2	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	1-0
*KBC32	Mullard	12	IO1	2	Diode	—	B	200	—
					Diode	—	B	700	—
					Triode	100 60 3	G	030	1-2
*KC1	Philips	10	SC8	2	Triode	100 60 0	—	100	0-4
*KC3	Philips	10	SC8	2	Triode	100 60 0	—	100	2-5
*KC4	Philips	10	SC8	2	Triode	100 60 0	—	100	1-4

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
KCF30	Mullard	12	IO1	2	Triode Pent.	60 60 0	B	507	1.4
*KDD1	Philips	10	SC8	2	Triode	100 60 0	G	630	—
*KF3	Philips	10	SC8	2	Pent.	100 100 0	G	102	0.6
*KF4	Philips	10	SC8	2	Pent.	100 100 0	G	102	0.7
*KF35	Philips	12	IO1	2	Pent.	100 60 1	G	630	1.0
*KH1	Philips	10	SC8	2	Hept.	100 60 0	G	202	0.6
*KK2	Philips	10	SC8	2	Osc. Mixer	100 60 0	B	422	—
*KK32	Philips	12	IO1	2	Osc. Mixer	100 60 0	B	501	1.1
*KL1	Philips	10	SC8	2	Pent.	100 100 5	—	102	1.7
*KL2	Philips	10	SC8	2	Pent.	100 100 8	—	102	1.8
*KL4	Philips	10	SC8	2	Pent.	100 100 4	—	102	1.8
*KL35	Philips	12	IO1	2	Pent.	100 100 3	—	430	1.9
KLL32	Mullard	12	IO1	2	Pent.	100 100 10	—	501	2.5
*KT2	M. & Osram	4	Br5	2	Tetr.	100 100 3	—	122	2.0
KT8/CY	M. & Osram	4	Br5	4	Tetr.	100 100 3	R	320	3.6
*KT21	M. & Osram	4	Br5	2	Tetr.	100 100 2	—	122	4.8
*KT24	M. & Osram	4	Br5	2	Tetr.	100 100 2	—	122	2.5
KT30	M. & Osram	5	Br7	13	Tetr.	100 100 6	—	420	2.4
KT31	M. & Osram	5	Br7	25	Tetr.	100 100 2	G	490	7.0
KT32	M. & Osram	12	IO1	25	Tetr.	100 100 9	—	430	5.0
KT33/CY	M. & Osram	12	IO1	25	Tetr.	100 100 6	—	490	5.0
KT35	M. & Osram	12	IO1	25	Pent.	100 100 5	—	490	5.0
KT36	M. & Osram	12	IO1	25	Tetr.	100 60 2	R	400	6.0
KT41	M. & Osram	5	Br7	4	Pent.	100 100 2	—	420	6.0
KT42	M. & Osram	5	Br7	4	Pent.	100 100 7	—	420	1.5
KT44	M. & Osram	5	Br7	4	Pent.	100 100 6	—	420	3.8
KT45	M. & Osram	5	Br7	4	Tetr.	100 100 6	R	510	3.8
KT61	M. & Osram	12	IO1	6-3	Tetr.	100 100 2	—	420	6.0
KT63	M. & Osram	12	IO1	6-3	Tetr.	100 100 6	—	420	6.0
KT66	M. & Osram	12	IO1	6-3	Tetr.	100 100 6	—	420	3.8
KT71	M. & Osram	12	IO1	50	Tetr.	100 100 8	—	430	7.0
KT72	M. & Osram	12	IO1	16	Tetr.	100 100 6	—	420	1.8
KT73	M. & Osram	12	IO1	6-3	Tetr.	100 100 6	—	420	1.8
KT74	M. & Osram	12	IO1	16	Tetr.	100 100 8	—	430	1.9
KT76	M. & Osram	12	IO1	16	Tetr.	100 100 8	—	430	1.9
KT81	M. & Osram	14	LO8	6-3	Tetr.	100 100 2	—	420	6.5
*KT101	M. & Osram	14	LO8	70	Tetr.	60 60 3.5	—	430	5.5
KTW61/M/	M. & Osram	12	IO1	6-3	Tetr.	200 100 3	G	630	2.9
KTW63	M. & Osram	12	IO1	6-3	Tetr.	200 100 3	G	320	1.5
KTW73/M/	M. & Osram	12	IO1	6-3	Tetr.	200 100 3	G	630	1.7
KTW74/M/	M. & Osram	12	IO1	6-3	Tetr.	200 100 3	G	620	1.5
KTZ41	M. & Osram	5	Br7	4	Pent.	250 200 2	G	310	6.0
KTZ63	M. & Osram	12	IO1	6-3	Pent.	200 100 2	G	620	1.1
KTZ73/M/	M. & Osram	12	IO1	6-3	Pent.	200 100 3	G	630	1.5
*L2	Mazda	4	Br5	2	Triode	100 60 0	—	120	1.9
*L2	Ferranti	4	Br5	2	Triode	100 60 0	—	120	1.5
*L2/DD	Mazda	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1.6
*L12	M. & Osram	20	DA4	2	Triode	60 60 6	—	120	0.7
*L21	M. & Osram	4	Br5	2	Triode	100 60 4	—	120	1.5
*L21/DD	Mazda	4	Br5	2	Diode	—	B	010	—
					Diode	—	B	001	—
					Triode	100 60 0	G	100	1.9

Valve	Make	H/L No.	Base	Heater Volts	Type	Anode, Screen and Grid Volts	Cap	Selector A, B, C	Mutual Conduct
1	2	3	4	5	6	7	8	9	10
*L22/DD	Mazda	6	MO8	2	Diode	—	B	300	—
					Diode	—	B	020	—
					Triode	100 60 0	G	200	1.9
L30	M. & Osram	5	Br7	13	Triode	100 60 5	—	120	2.0
L63	M. & Osram	12	IO1	6-3	Triode	100 60 0	—	120	3.0
*L210	M. & Osram	4	Br5	2	Triode	100 60 0	—	120	—
*L210	Hivac	4	Br5	2	Triode	100 60 0	—	120	1.6
*L210	Mazda	4	Br5	2	Triode	100 60 0	—	120	1.5
*L210	Tungstram	4	Br5	2	Triode	100 60 0	—	120	1.0
*L410	M. & Osram	4	Br5	4	Triode	100 60 0	—	120	—
*L414	Tungstram	4	Br5	4	Triode	100 60 6	—	120	2.2
*L610	M. & Osram	4	Br5	6-3	Triode	100 60 0	—	120	—
*LD210	Tungstram	4	Br5	2	Triode	100 60 0	—	120	1.3
*LD410	Tungstram	4	Br5	4	Triode	100 60 0	—	120	1.8
*LG210	Tungstram	4	Br5	2	Triode	100 60 0	—	120	1.0
*LG607	Tungstram	4	Br5	6-3	Triode	100 60 0	—	120	1.8
*LL2	Tungstram	4	Br5	2	Triode	100 60 0	—	120	2.6
*LL2s	Tungstram	10	SC8	2	Triode	100 60 0	—	100	2.6
LL4	Tungstram	4	Br5	4	Triode	100 60 4	—	120	2.5
LL4c	Tungstram	4	Br5	4	Triode	100 60 4	R	020	2.5
*LP2	M. & Osram	4	Br5	2	Triode	100 60 3	—	120	2.5
*LP4	Ferranti	4	Br5	4	Triode	100 60 10	—	120	3.3
*LP220	Tungstram	4	Br5	2	Triode	100 60 4	—	120	2.8
*LS5	M. & Osram	4	Br5	5	Triode	100 60 0	—	120	0.7
*LS5A	M. & Osram	4	Br5	5	Triode	100 60 9	—	120	0.8
*LS5B	M. & Osram	4	Br5	5	Triode	200 100 0	—	120	1.0
*LS6A	M. & Osram	4	Br5	6-3	Triode	100 60 15	—	120	1.8
MH4	M. & Osram	4	Br5	4	Triode	100 60 0	—	120	3.6
MH40	M. & Osram	4	Br5	4	Triode	100 60 0	—	120	2.4
MH41	M. & Osram	4	Br5	4	Triode	100 60 0	—	120	6.0
MH206	Tungstram	5	Br7	2	Osc. Mixer	100 60 0	B	410	0.4
					Osc. Mixer	100 60 0	G	640	—
MH4105	Tungstram	5	Br7	4	Osc. Mixer	100 60 0	B	410	—
					Osc. Mixer	100 60 0	G	640	—
MHD4	M. & Osram	5	Br7	4	Diode	—	B	100	—
					Diode	—	B	010	—
					Triode	100 60 0	G	030	2.2
MHL4	M. & Osram	4	Br5	4	Triode	100 60 0	—	120	2.5
MKT4	M. & Osram	4	Br5	4	Tetr.	100 100 5	R	120	2.1
					Tetr.	100 100 5	—	430	2.1
ML4	M. & Osram	4	Br5	4	Triode	100 60 5	—	120	2.6
MM4V	Mullard	4	Br5	4	Tetr.	200 100 1	R	230	2.5
MP/PEN	Cossor	4	Br5	4	Pent.	100 100 6	R	120	2.2
					Pent.	100 100 6	—	420	2.2
MPT4	M. & Osram	4	Br5	4	Pent.	100 100 5	R	120	2.1
					Pent.	100 100 5	—	420	2.1
MS4	M. & Osram	4	Br5	4	Tetr.	100 60 0	R	320	1.0
MS4B	M. & Osram	4	Br5	4	Tetr.	100 60 0	R	320	2.5
MSG/HA	Cossor	4	Br5	4	Tetr.	100 60 0	R	320	2.0
MSG/LA	Cossor	4	Br5	4	Tetr.	100 60 0	R	320	3.7
MSP4	M. & Osram	4	Br5	4	Pent.	100 100 0	R	320	3.5
					Pent.	100 100 0	R	510	3.5
MSP41	M. & Osram	5	Br7	4	Tetr.	250 200 4	R	510	3.2
MS/PEN	Cossor	4	Br5	4	Pent.	200 100 0	R	320	2.8
					Pent.	200 100 0	R	510	2.8
MS/PEN.A	Cossor	4	Br5	4	Pent.	100 100 0	R	320	4.0
MS/PEN.B	Cossor	5	Br7	4	Pent.	200 100 0	G	710	2.8
MVSG	Cossor	4	Br5	4	Pent.	100 60 0	R	320	2.5