

This table shows Russian tubes in the first column and American as well as European equivalents in the second. I've listed only direct functional equivalents and made no mention of military and professional grades of these tubes. Transmitting types are omitted. I believe this information to be accurate, but I cannot guarantee it absolutely.

# A RUSSIAN/ WESTERN TUBE CHART

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## REFERENCES

Chelazzi, Gino, "Prospetto delle equivalenze tra valvole europee/americane e russe (European/American tube equivalence chart)," *Audion*, Firenze, Italy, 1994, No. 2, p. 15—about 280 tubes are listed; some errors included.

Kunze, Fritz, "Empfaengerroehren der UdSSR (Soviet Radio tubes)," *Radio, Fernsehen, Elektronik*, Berlin, 1957, No. 2, p. 43—fairly accurate compilation of about 260 types, with explanatory introduction.

Schubert, Andreas, "Russian Tube Designators," *Glass Audio* 5/95, p. 38—explanation of Cyrillic tube symbols.

TABLE 1

## RUSSIAN-EUROPEAN/AMERICAN TUBE EQUIVALENTS

### SMALL SIGNAL DIODES

6X2П 6AL5, EAA91  
6X6C 6H6

### RECTIFIERS

5Ц3С 5U4G, GZ31  
5Ц4С 5Z4, GZ30  
6Ц5С 6X5GT, EZ35

### HIGH VOLTAGE RECTIFIERS

1Ц1С 1Z1  
1Ц7С 1AU3, DY30  
1Ц21П 1S2, DY86, DY87  
2Ц2С 2X2  
3Ц16С 3A3, 3B2  
3Ц22С GY501

### SUPPRESSOR DIODES

6Ц17С 6AU4GT  
6Д20П 6V3

### TRIODES

2С4С 2A3  
6С1П 9002  
6С1Ж 955  
6С2С 6J5  
6С2П EC98  
6С4С 6B4G  
6С5С 6C5  
6С20С 6BK4  
6С51H 7586  
6С52H 7895  
6С53H EC1010  
6Ф5С 6F5

### COMBINATION DIODES/TRIODES

6Г1 6SR7  
6Г2 6SQ7  
6Г3П 6AK8, EABC80  
6Г7 6Q7  
12Г1 12SR7  
12Г2 12SQ7

### DOUBLE TRIODES

6H3П 2C51, 6385  
6H5С 6AS7G  
6H7С 6N7  
6H8С 6SN7GT, ECC32

6H9С 6SL7GT

6H10С 6SC7  
6H13С 6080  
6H14П 6CW7, ECC84  
6H15П 6J6, ECC91  
6H23П 6DJ8, ECC88  
6H24П 6FC7, ECC89  
6H27П 6GM8, ECC86  
12H10С 12SC7  
12H11С 12AH7GT

### SHARP CUTOFF PENTODES

6Ж1Ж 954  
6Ж1П 6AK5, EF95  
6Ж2П 6AS6  
6Ж3 6SH7  
6Ж3П 6AG5, EF96  
6Ж4 6AC7  
6Ж4П 6AU6, EF94  
6Ж5П 6AH6  
6Ж6С Z62  
6Ж7 6J7  
6Ж8 6SJ7  
6Ж9П E 180 F, 6688  
6Ж15П 6EJ7, EF184  
6Ж32П EF86, 6267  
6Ж40П 6ET6, EF98  
6Ж51П 6EJ7, EF184  
12Ж8 12SJ7

### REMOTE CUTOFF PENTODES

1К1П DF961  
1К2П 1F34  
6К1П 9003  
6К1Ж 956  
6К3 6SK7  
6К4 6SG7  
6К4П 6BA6, EF93  
6К7 6K7  
6К8П 6ES6, EF97  
6К13П 6BY7, EF85  
12К3 12SK7  
12К4 12SG7

### POWER TETRODES AND PENTODES

2П1П 2L32

2П2П 2L34  
6П3С 6L6  
6П6С 6V6  
6П7С 6BG6G  
6П9 6AG7  
6П14П 6BQ5, EL84  
6П18П 6DY5, EL82  
6П20С 6CB5  
6П27С 6CA7, EL34  
6П31С 6CM5, EL36  
6П33П 6CW5, EL86  
6П36С 6GB5, EL500  
6Ф6С 6F6G  
Г-807 807

### COMBINATION DIODES AND PENTODES

1Б2П 1AF34  
6Б8 6B8

### COMBINATION TRIODES AND PENTODES

6Ф1П 6BL8, ECF80  
6Ф3П 6BM8, ECL82  
6Ф4П 6DX8, ECL84  
6Ф5П 6GV8, ECL85  
9Ф8П 9A8, PCF80  
15Ф4П 15DX8, PCL84  
16Ф3П 16A8, PCL82  
18Ф5П 18GV8, PCL85

### MULTIPLE GRID TUBES

1A2П 1H34  
6A2П 6BE6, EK90  
6A3П 6BN6  
6A7 6SA7  
6A8 6A8  
6A10С 6SA7  
6Л7 6L7

### COMBINATION TRIODES/MULTIPLE GRID TUBES

6И1П 6AJ8, ECH81  
6И4П 6V9, ECH200

### DISPLAY TUBES

6Е1П 6BR5, EM80