

# Load Impedances for Common Audio Tubes

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Tube	Single Tubes			Push-Pull Tubes		
	Amplifier Class	Plate Voltage	Load	Amplifier Class	Plate Voltage	Load
18, 42, 6AD7, 6F6	A Pentode	250	7,000	A Pentode	315	10,000
		285	7,000			
	A Triode	285	4,000	AB2 Pentode	375	10,000
		285	7,000			
19				AB2 Triode	350	6,000
38, 38A	A	100	15,000			
		135	13,500			
		180	11,600			
		250	10,000			
41, 6K6, 7B5	A	100	12,000	A	285	12,000
		125	11,000			
		167.5	9,500			
		180	9,000			
		250	7,600			
		315	9,000			
42 see 18						
43, 25A6	A	95	4,500			
		135	4,000			
		160	5,000			
45	A	180	2,700	AB2	275	3,200
		250	3,900			
		275	4,600			
46	A	250	6,400	B	300	5,200
					400	5,800
47	A	250	7,000			
50	A	300	4,600			
		350	4,100			
		400	3,670			
		450	4,350			
53, 6N7				AB2	300	8,000
59	A Pentode	250	6,000	B Triode	300	4,600
					400	6,000
	A Triode	250	5,000			
71, 71A, 71B	A	90	3,000			
		135	3,000			
		180	4,800			
76	A	100	12,000			
		250	9,500			

Tube	Single Tubes			Push-Pull Tubes			
	Amplifier Class	Plate Voltage	Load	Amplifier Class	Plate Voltage	Load	
89	A Pentode	180	8,000	B Triode	180	9,400	
	A Triode	160	7,000				
2A5	A Pentode	250	7,000				
	A Pentode	285	7,000				
	A Triode	285	7,000				
3LF4, 3Q5	A	90	8,000	Series filament			
		110	8,000				
	A	85	9,000	Parallel filament			
		90	8,000				
		110	8,000				
3Q5 see 3LF4							
6AC5	A	250	7,000	B	250	10,000	
6AD7 see 18							
6F6 see 18							
6G6	A Pentode	135	12,000				
	A Pentode	180	10,000				
	A Triode	180	12,000				
6K6 see 41							
6L6	A Pentode	250	2,500	A Pentode	250	5,000	
		300	4,500		270	5,000	
		350	4,200		AB1	360	3,800
	A Triode	250	5,000	A Pentode	360	6,600	
		300	5,000		360	9,000	
					AB2	360	3,800
					Pentode	360	6,000
6N7 see 53							
6V6, 7C5	A	180	5,500	AB1	250	10,000	
		250	5,000		285	8,000	
		315	8,500				
6Y6	A	135	2,000				
		200	2,600				
7B5 see 41							
7C5 see 6V6							
25A6 see 43							
25A7	A	100	4,500				
25AC5	A	110	2,000	B	180	4,800	
		180	5,000				