

Hoffman Pro Jr - BOM

Hoffman Amps Pro Jr BOM			01/10/2025
Item	Component	Wattage	Notes
R1	10k	1/2 watt	
R2	1m	1/2 watt	
R3	100k	1/2 watt	
R4	1.5k	1/2 watt	
R5	470k	1/2 watt	
R6	56k	1/2 watt	
R7	250ka Pot		Volume
R8	250kl Pot		Tone
R9	100 ohm	1/2 watt	
R10	100k	1/2 watt	
R11	1.5k	1/2 watt	
R12	1m	1/2 watt	
R13	33k	1/2 watt	
R14	1m	1/2 watt	
R15	820 ohm	1/2 watt	
R16	1k	1/2 watt	
R17	82k	1/2 watt	
R18	*	*	Not Used
R19	100k	1/2 watt	
R20	1.5k	1/2 watt	
R21	220k	1/2 watt	
R22	220k	1/2 watt	
R23	1.5k	1/2 watt	
R24	100 ohm	3 watt	Screens
R25	100 ohm	3 watt	Screens
R26	*	*	Not Used
R27	100k	1/2 watt	Feedback
R28	10k	1/2 watt	
R29	10kl Trim Pot	*	Bias pot
R30	56k	1/2 watt	
R31	470k	3 watt	Power Supply
R32	2.2k	3 watt	Power Supply
R33	22k	3 watt	Power Supply
R34	180 ohm	1/2 watt	LED
R35	47 ohm	1/2 watt	
R36	47 ohm	1/2 watt	
R98	1 ohm	1/2 watt	Bias measure
R99	1 ohm	1/2 watt	Bias measure
Item	Component	Voltage	Notes
C1	.01 uf	400-630v	
C2	*	*	Not Used
C3	.01 uf	400-630v	
C4	.0033 uf	400-630v	
C5	.1 uf	250v	
C6	.01 uf	400-630v	
C7	.1 uf	250v	
C8	.022 uf	400-630v	
C9	.022 uf	400-630v	1

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C10	*	*	Not Used
C11	*	*	Not Used
C12	.047 uf	400-630v	Bias Supply
C13	10 uf	100v	Bias Supply
C14	10 uf	100v	Bias Supply
C15	47 uf	500v	Power Supply
C16	22 uf	500v	Power Supply
C17	22 uf	500v	Power Supply
Item	QTY	Component	Notes
J1	1	L12A Switchcraft jack	Input jack
J2	1	12A Original Jack	Speaker Jack
Socket	4	9 pin Tube Sockets	V1,V2,V3,V4
Fuse Holder	1	Bolt down	
Fuse	1	2 amp slo-blo	
D1	1	Bridge Rectifier	
D2	1	1n4007	Bias Supply Diode
RG174 Cable	3		See PDF layout file
Wire	15 ft	20 Gauge hookup wire	Red, Black, White, Green
Wire	6 ft	18 Gauge wire	Red, Black
Wire	8 ft	Bus Wire	Used to lace the lugs
Heat Shrink	1 ft	1/8 th diameter	
Ring terminal	1	#8b Ring terminal	Used to make grounds
Standoffs	4	1/4" Standoffs	Circuit board mounting
Screws	8	#4 x 1/4	Tube sockets
Standoffs	4	1/4" Standoffs	Circuit board mounting
Screw	1	#6 x 3/8	Fuse Holder
Nuts	1	#6 Keps nut	Fuse Holder
Screws	4	#8 x 5/8	Board Mounting
Nuts	4	#8 Keps nuts	Board Mounting
Ring terminals	2	Ring terminals	Used to make Chassis ground
Lock Washer	2	.31"	Pots
Lock Washer	2	.375"	Input and Speaker jacks
Washer	Shoulder	Center Jack in hole	Input Jack
Board	1	Pro Jr Board	3.125 inches x 9.75 inches
The Items below are already included on the Pro Junior Chassis			
T1	1	Original Pro Jr OT	Output Transformer
T2	1	Original Pro Jr PT	Power Transformer
SW1	1	Original Pro Jr Switch	On/Off Power Switch
Tubes	2	Original 12AX7's	V1,V2
Tubes	2	Original EL84's	V3, V4
Knobs	2	Original Knobs	
Power cord	1	Original Cord	
Strain Relief	1	Original Strain	
D3	1	Original LED	
Chassis	1	Original Pro Jr Chassis	
Layout diagram and build info is located on the library page			
Hoffman Amplifiers Tube amp Library Page			