

Hoffman Plexi 50 with Hot Switch Mod BOM

11/22/2024			
Item	Component	Wattage	Notes
R1	1m	1/2 watt	
R2	1m	1/2 watt	
R3	33k	1/2 watt	Single input jack
R3	68k	1/2 watt	Dual input jacks
R4	33k	1/2 watt	Single input jack
R4	68k	1/2 watt	Dual input jacks
R5	68k	1/2 watt	Dual input jacks
R6	68k	1/2 watt	Dual input jacks
R7a	820	1/2 watt	
R7a	2.2k	1/2 watt	Hot Switch Mod
R7b	2.7k	1/2 watt	
R7b	2.2k	1/2 watt	Hot Switch Mod
R8	100k	1/2 watt	
R9	100k	1/2 watt	
R10	1ma Pot	1/2 watt	Volume
R11	1ma Pot	1/2 watt	Volume
R11	1ma Pot	1/2 watt	Master - Hot Switch Mod
R12a	470k	1/2 watt	
R12b	470k	1/2 watt	
R12b	470k	1/2 watt	Hot Switch Mod
R13	820	1/2 watt	
R14	100k	1/2 watt	
R15	100k	1/2 watt	
R16	33k	1/2 watt	
R17	250kl Pot	1/2 watt	Treble
R18	1ma Pot	1/2 watt	Bass
R19	25kl Pot	1/2 watt	Mid
R20	470	1/2 watt	
R21	1m	1/2 watt	
R22	1m	1/2 watt	
R23	10k	1/2 watt	
R24	5kl Pot	1/2 watt	Presence
R25	82k	1/2 watt	

Hoffman Plexi 50 with Hot Switch Mod BOM

R26	100k	1/2 watt	
R27	220k	1/2 watt	
R28	220k	1/2 watt	
R29	5.6k	1/2 watt	
R30	5.6k	1/2 watt	
R31	1k	5 watt	Screens
R32	1k	5 watt	Screens
R33	15k	1/2 watt	
R34	50k Pot	1/2 watt	Bias Pot
R35	47k	1/2 watt	
R36	220k	3 watt	Bias Range
R37	20k	3 watt	
R38a	10k	3 watt	
R38b	10k	3 watt	
R39	100	1/2 watt	Heater CT
R40	100	1/2 watt	Heater CT
R41	47k	1/2 watt	Feedback
R42	1 ohm	1/2 watt	
R43	1 ohm	1/2 watt	
R99	180	1/2 watt	If using LED Lamp

Item	Component	Voltage	Notes
C1a	330uf	16v	
C1a	.68uf	400-630v	Hot Switch Mod
C1b	.68uf	400-630v	
C2	.022uf	400-630v	
C3	.0022uf	400-630v	
C3	.0022uf	400-630v	
C3	.022uf	400-630v	Hot Switch Mod
C4a	500p	400-630v	
C4b	.68	400-630v	
C5	500p	400-630v	
C6	.022uf	400-630v	
C7	.022uf	400-630v	
C8	.022uf	400-630v	

Hoffman Plexi 50 with Hot Switch Mod BOM

C9	.1uf	250v	
C10	.1uf	250v	
C11	.022uf	400-630v	
C12	.022uf	400-630v	
C13	10uf	100v	Bias cap
C14	10uf	100v	Bias cap
C15	50uf	500v	Filter cap
C16	50uf	500v	Filter cap
C17	50uf	500v	Filter cap
C18	50uf	500v	Filter cap
C19	50uf	500v	Filter cap
C20	50uf	500v	Filter cap

Item	QTY	Component	Notes
T1	1	MPT50	Power Transformer
T2	1	MOP50	Output Transformer
T3	1	125C1A	Choke
SW1	1	SPST Switch	On/Off power switch
SW2	1	SPST Switch	Standby switch
SW3	1	Rotary	Impedance selector
SW4	1	DPDT Mini Switch	Hot Switch Mod
J1	1	12A Switchcraft jack	Single input jack
J2	1	12A Switchcraft jack	Single input jack
J3	1	12A Switchcraft jack	Optional - Dual input jacks
J4	1	12A Switchcraft jack	Optional - Dual input jacks
J5	1	12A Switchcraft jack	Speaker Jack
	1	12A Switchcraft jack	Optional - 2nd speaker Jack
Diode	1	1n4007	Bias Diode
Diode	4	1n5408	Rectifier Diodes
Tubes	3	12AX7	V1,V2,V3
Tubes	2	EL34	V4,V5
Socket	3	9 pin Tube Sockets with shield	V1,V2,V3
Socket	2	8 pin Tube Sockets	V4,V5
Board	1	Plexi50 Turret Board	
Standoffs	6	1/4" Nylon Standoffs	Circuit board mounting

Hoffman Plexi 50 with Hot Switch Mod BOM

Screws	6	# 8 x 5/8" Screws	Circuit board mounting
Nuts	6	#8 Keps nuts	Circuit board mounting
Knobs	6	Your choice of style	
Power cord	1	8, or 12 foot cord	
Power cord strain relief	1		
Power cord clamp	1		Optional
Fuse Holder	2	Fender style or mashall Style	
Fuse	1	.5 amp slo-blo	B+ Fuse
Fuse	1	3 amp slo-blo	Mains Fuse
Pilot	1	Neon Lamp or LED	Use 180 ohm resistor for LED
Wire	2 ft	Mini Shielded cable	
Wire	20 ft	20 Gauge hookup wire	Red, Black, Green, White
Wire	20 ft	18 Gauge hookup wire	Red, Black, Green, White
Wire	8 ft	Bus wire	Used to lace the lugs
Ring terminals	4	Ring terminals	Used to make Chassis grounds
Heat Shrink	1 ft	Heat shrink tubing	.125 diameter
Chassis	1		
Grommets	2	3/8 inch	
Cap Clamps	3	If using 50/50 caps	For Dual 50 caps
Hoffman Amplifiers Tube amp Library Page			