

Tube Amp Network

Two Stroke Parts List

Quantity	Part	Value	Notes	
<input type="checkbox"/>	1	Output Transformer	125ESE	
<input type="checkbox"/>	1	Power Transformer	22772	The newer power transformers require an artificial center tap. This is done by connecting the two green filament voltage wires to the 100Ω resistors (in addition to the pilot lamp) and then the other end of the resistor to ground.
<input type="checkbox"/>	1	5F2A Chassis	Some holes will need to be drilled for the mounting of certain parts (like the Output Transformer, additional TS jack and impedance switch) and the fiberboard.	
<input type="checkbox"/>	1	Eyelet Board/Fiberboard		
<input type="checkbox"/>		Resistors	Resistors can be 1/2W, kit supplies 1W for noise reduction.	
<input type="checkbox"/>	3	Carbon Film	68KΩ	
<input type="checkbox"/>	3	Carbon Film	1MΩ	2 additional for pop-suppression modification.
<input type="checkbox"/>	3	Carbon Film	1.5KΩ	
<input type="checkbox"/>	1	Carbon Film	220KΩ	
<input type="checkbox"/>	2	Carbon Film	100KΩ	
<input type="checkbox"/>	2	Carbon Film	100Ω	Additional resistors to create an artificial center tap.
<input type="checkbox"/>	1	Ceramic	10KΩ 5W	
<input type="checkbox"/>	1	Ceramic	500Ω 5W	
<input type="checkbox"/>	2	Potentiometer	1M - Audio Taper	
<input type="checkbox"/>		Capacitors		
<input type="checkbox"/>	1	Aluminum Electrolytic	20uf to 40uf, 500V	The book allows for a variance here. Parts will be supplied as available and cost effective.
<input type="checkbox"/>	1	Aluminum Electrolytic	16uf, 475V	
<input type="checkbox"/>	1	Aluminum Electrolytic	8uf-10uf, 450V	
<input type="checkbox"/>	2	Aluminum Electrolytic	25uf, 50V	
<input type="checkbox"/>	2	Mallory 150 Series	.022uf, 630V	Mallory 150s are not required. Other caps like Orange Drop, Illinois Capacitor or Sozo work great. This is largely personal taste.
<input type="checkbox"/>	1	.0047uf Mallory Series 150	.0047uf, 630V	
<input type="checkbox"/>	1	.47uf Mallory Series 150	.47uf, 630V	
<input type="checkbox"/>	1	Silver Mica	500pf	
<input type="checkbox"/>		Switches		
<input type="checkbox"/>	1	Power Switch	Heavy Duty SPST	
<input type="checkbox"/>	1	Boost Switch	Mini-toggle SPDT	Three position - ON-OFF-ON
<input type="checkbox"/>	1	Impedance Switch	Heavy Duty SPDT	

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Quantity	Part	Value	Notes
<input type="checkbox"/>	Jacks and Plugs		
<input type="checkbox"/> 2	1/4" Male Plug (Speakers)	1/4" Male Plug	
<input type="checkbox"/> 1	1/4" Switching Jack	1/4" Switching Female	
<input type="checkbox"/> 2	1/4" Non Switching Jacks	1/4" mono female	
<input type="checkbox"/>	Fuse and Pilot Lamp		
<input type="checkbox"/> 1	Fuse Assembly		
<input type="checkbox"/> 2	Fuse	1A Slow Blow	2 included as a courtesy
<input type="checkbox"/> 1	Pilot Lamp Assembly		
<input type="checkbox"/> 1	Amp Jewel		
<input type="checkbox"/> 2	Bulb		2 included as a courtesy
<input type="checkbox"/>	Tubes and Tube Accessories		
<input type="checkbox"/> 1	Tube Socket	9 pin for preamp tubes	
<input type="checkbox"/> 2	Tube Socket	8 pin for power tubes	
<input type="checkbox"/> 1	Power Tube	6L6GC	
<input type="checkbox"/> 1	Power Tube	6V6	
<input type="checkbox"/> 1	Power Tube	EL34	
<input type="checkbox"/> 1	Preamp Tube	12AX7	The 12AX7 will provide the most gain. 12AU7, 12AT7, 12AY7 will all provide varying amounts of gain.
<input type="checkbox"/> 1	Rectifier Tube	5Y3	
<input type="checkbox"/>	Miscellaneous Parts		
<input type="checkbox"/> 2	Knobs		
<input type="checkbox"/> 1	Power Cord		
<input type="checkbox"/> 1	Strain relief		
<input type="checkbox"/> 3	Rubber Grommets	(9/23" for 3/8" holes)	
<input type="checkbox"/> 1	Terminal Strip	3 lug, 1 ground	
<input type="checkbox"/> 2	Solder Lug		
<input type="checkbox"/> 1	Hook Up Wire	Colored	
<input type="checkbox"/> 1	Ground Wire	Black	
<input type="checkbox"/> 1	Speaker Wire		
<input type="checkbox"/> 1	10" Speaker	Jensen C10Q	
<input type="checkbox"/> 1	8" Speaker	Jensen C8R	
<input type="checkbox"/> 0	mounting hardware		Supplied by builder