

## Parts List no. 2A

Wall of Sound.ca DIY all tube phono preamp project

Use this list if your chassis is supplied with an AC inlet that has a built-in fuse drawer as shown below.



Other Electronic Parts & Hardware: To be ordered once eBay chassis arrives

Note: I've listed the Mouser Electronics parts in Canadian dollars as that's how they are sold in Canada. The prices in US dollars will be about 30% to 40% lower.

<u>Part No.</u>	<u>Description</u>	<u>Price Ea.</u>	<u>Quantity</u>	<u>Total</u>
<u>Mouser Parts:</u>		\$ CDN		
164-4201	Binding Post	\$2.75	x1	\$2.84
693-0034.3118	1.25 amp Slow Blow fuse	\$0.42	x3	\$1.26
534-7311	Lug terminal #4	\$0.25	x5	\$1.25

534-7313	Lug terminal #8	\$0.25	x1	\$0.25
TORROIDAL TRANSFORMERS:				
553-VPT24-1040	25VA dual pri. & dual 12V sec.	\$24.45	x1	\$24.45
553-VPT230-110	25VA dual pri. & dual 115V sec.	\$24.45	x1	\$24.45
604-WP469EGW	LED, 2 Colour red/green	\$0.63	x1	\$0.63
273-750-RC	750Ω resistor	\$0.359	x10	\$0.41*
*This is correct. If you order 1 or even 9 the price is 36¢ each. 10 costs 41¢, 4.1 ea. We only need 2 so you'll have some for your spare parts stash.				
623-2643375002	Ferrite Cable Core	\$0.41	x2	\$0.82
623-2643250402	Ferrite Cable Core	\$0.15	x2	\$0.30
72-VY1102M35Y5UG63V0	1000pF 500VAC capacitor	\$0.31	x2	\$0.62
80-C440C103J5G-TR	.01uF 50V Ceramic capacitor	\$1.85	x2	\$3.70
567-120-SA	Thermal Joint Compound	\$5.27	x1	\$5.27
514-08461	Self-Adhesive Cable Tie Mounts	\$0.75	x10	\$7.50
523-ACPR-RED	Red RCA plug*	\$3.94	x1	\$3.94
523-ACPR-BLK	Black RCA plug*	\$3.94	x1	\$3.94

\*These will be used to make shorting plugs for testing. If you already have shorting plugs these need not be purchased. See <http://wallofsound.ca/audioreviews/analog/troubleshooting-phono-amplifier-sut-noise/> for more information.

If lead free solder is desired, this one from Mouser containing silver is available in small quantities to save on the expense of buying a large spool of "audiophile" grade solder:

590-4900-35G	Lead free solder with silver	\$5.75	x1	\$5.75
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Parts Connexion: (\$ US)

CONNEX-53452	Teflon Insulated RCA Jacks (pair)	\$7.50/pr.	x2 pr.	\$15.00
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Optional: BELTON-75293 Tube sockets (better quality than the ceramic sockets supplied with the Tetra kit, IMHO)

\$2.25 ea.	x4	\$9 US
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Miscellaneous Parts: source locally or where desired

<u>Description</u>	<u>Quan.</u>
4-40 x 3/8" or M3 x 10mm screws	5
Nuts to match screws above	5
Flat washers for screws and nuts above	5
Small zip ties	~20
Twisted pair signal cable, shielded or unshielded (shielded preferred)	~ 5 feet
Note: if using shielded cable <u>two</u> conductors <u>inside</u> the shield is what's required	

One source for audio cabling that should resist heat when soldering:

<https://www.markertek.com/product/2944/mogami-w2944-neglex-console-cable-black-per-foot>

Hook-up wire (various colors for grounding, LED wiring and AC connections) ~12 feet

Heat shrink tubing (various sizes)

Clear nail polish (for locking screw & nuts)

One source I've found for metric bulk screws, nuts, etc. at reasonable prices on eBay is:  
<http://stores.ebay.ca/Regan-s-Store?trksid=p2047675.l2563> But they are shipped from China so be prepared to wait a while.