

Parts List no. 2B

Wall of Sound.ca DIY all tube phono preamp project

Use this list if your chassis is supplied with an AC inlet 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.

Part No.	Description	Price Ea.	Quantity	Total
<u>Mouser Parts:</u>		\$ CDN		
164-4201	Binding Post	\$2.75	x1	\$2.84
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.

534-4243	Fuse Holder	\$5.55	x1	\$5.55
693-0034.5227	1.25 Amp Slow-Blow Fuse	\$1.67	x3	\$5.01

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	6
Nuts to match screws above	6
Flat washers for screws and nuts above	6
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.