

## L-1 SYNTH

### XLR Balanced Stereo Output – Parts list.

Items marked green are already installed or are included

Qty	Value	Package	Comments	Parts	Farnell code
<b>IC's</b>					
2	OPA604	DIL08		IC1, IC2	<a href="#">1651885</a>
2	THAT1646	DIL08		U1, U2	<a href="#">1077124</a>
<b>Diodes</b>					
10	1N4004	Through-hole	or 1N4007	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10	<a href="#">1843708</a>
<b>Capacitors</b>					
8	0.1uF	1206	Ceramic, power decoupling caps	C7, C8, C9, C10, C11, C12, C13, C14	<a href="#">1759361</a>
2	22p	1206		C5, C6	<a href="#">1800833</a>
4	10uF	1206		C15, C16, C17, C18	<a href="#">2695999</a>
4	100p	5mm	film	C19, C20, C21, C22	
2	10nF	5mm	film	C23, C24	
4	47uF	2.5mm	electrolyth	C1, C2, C3, C4	<a href="#">8766738</a>
<b>Resistors</b>					
6	ferrite bead	through-hole		B1, B2, B3, B4, B5, B6	<a href="#">1781253</a>
2	1K	through-hole	0.25W	R7, R8	<a href="#">9341102</a>
2	9K1	1206		R5, R6	<a href="#">1100217</a>
4	20K	1206		R1, R2, R3, R4	<a href="#">1469993</a>
<b>Potentiometers</b>					
1	50K_log dual	9mm PC mount		P1	Thonk <a href="#">VERTICAL: B50K</a> Smallbear <a href="#">1012A</a> Tayda <a href="#">A-1858</a> <a href="#">Erthenvar</a>
<b>Switches</b>					
2	-10dB, Ground lift	DIL switch	DS-021	S1, S2	<a href="#">9472126</a>
<b>Other</b>					
1	Euro power connector			SV1	<a href="#">1928436</a>
4	Jack 3,5mm	PC-mount	Erthenvar or Kobiconn		Thonk <a href="#">Thonkiconn</a> Erthenvar <a href="#">Erthenvar</a> Mouser Kobiconn <a href="#">16PJ138</a>
2	Neutrik Audio Connector XLR SERIES	NC3MAV			<a href="#">724531</a>
1	Knobs 16mm		Synth pointer #2		Thonk <a href="#">KNOB_SynthTech</a> Smallbear <a href="#">0808D</a>

Hex nuts and washers from Erthenvar:

<http://erthenvar.com/store/accessories/3.5mm-washers>

<http://erthenvar.com/store/accessories/3.5mm-hex-nuts>

Hex nuts and washers from Thonk:

<http://www.thonk.co.uk/shop/jack-nuts-and-washers/>