

A	A	B	C	D	E	F	G	H	I	J	K
1	Item	Usage	Quantity	Manufacturer	Mfr Part Number	Source	Source Part Number	Order Qty	Cost Ea.	Total	Comment
2	Adapter, 3/8-16 male to 5/8-27 female	mic stand adapter	1	Windtech	M1	Performance Audio		1	\$3.00	\$3.00	
3	Battery holders, 9-Volt alkaline	battery holders	2	Keystone	1290	Mouser Electronics	534-1290	2	\$1.92	\$3.84	
4	Battery, 9-volt alkaline	B1, B2	2	Duracell	MN1604	Local hardware store		2	\$1.71	\$3.42	
5	Capacitor, .047uf ceramic	C14	1	Kemet	C320C473M5U5TA	Mouser Electronics	80-C320C473M5U5TA	1	\$0.18	\$0.18	
6	Capacitor, 0.1uF ceramic	C2, C6-9, C12	24	Kemet	C320C104M5U5CA	Mouser Electronics	80-C320C104M5U5CA	25	\$0.08	\$2.00	.1" lead spacing
7	Capacitor, 10uF 50V non-polar electrolytic	C10-11	8	Panasonic	ECE-A1HN100U	Digi-Key	P1280-ND	10	\$0.15	\$1.53	
8	Capacitor, 22uF 16V electrolytic	C1,C4-5	12	Panasonic	ECA-1CM220	Digi-Key	P5135-ND	12	\$0.05	\$0.62	
9	Capacitor, 22uF 25V non-polar electrolytic	C3	4	Panasonic	ECE-A1EN220X	Digi-Key	P1177-ND	4	\$0.11	\$0.43	
10	Capacitor, 47nf ceramic	C13	4	Kemet	C320C471K2G5CA	Mouser Electronics	80-C320C471K2G5CA	1	\$0.18	\$0.18	.1" lead spacing
11	Connector, .1" shunt jumper	gain jumper	4	Molex	15-29-1025	Mouser Electronics	538-15-29-1025	4	\$0.31	\$1.24	
12	Connector, .1x.1 header, rt angle, breakaway	gain set block	1	Molex	71764-0180	Digi-Key	WM27080-ND	1	\$6.94	\$6.94	cut to 4-segment units
13	Connector, XLR 3-pin male	mic cable connector	4	Switchcraft	A3FSWI	Performance Audio	A3FSWI	4	\$3.19	\$12.76	
14	Diode, 1N4148	D4-7	16	Fairchild	1N4148	Mouser Electronics	512-1N4148	25	\$0.02	\$0.50	
15	Diode, 1N5231B 5.1V zener	D1	4	Fairchild	1N5231B	Mouser Electronics	512-1N5231B	4	\$0.05	\$0.20	
16	Diode, 1N5240B 10v zener	D2-3	8	Fairchild	1N5240B	Mouser Electronics	512-1N5240B	8	\$0.06	\$0.48	
17	Enclosure, electronic	housing	2	Context Engineering	2506H-4.3N	Fry's Electronics	2090760	2	\$10.99	\$21.98	
18	Epoxy, 2-part fast setting		1			Local hardware store			\$0.00	\$0.00	
19	FR-4, 2.5" x 3.0" (copper clad OK)	mount for battery holders	1	MG Chemicals	MG 503	Fry's Electronics	324649		\$3.15	\$3.15	5"x3" single side clad
20	Glue, super (cyanoacrylate)	glue	1	Super Glue		Local hardware store		1	\$0.00	\$0.00	
21	Grommet	mic cable grommet	1	Halex	21691	Home Depot	5141121697	1	\$2.49	\$2.49	grommet from strain relief cord connector
22	IC, THAT 1512P	U1	4	THAT	1512P08-U	Mouser Electronics	887-1512P08-U	4	\$5.31	\$21.24	
23	Lamp pipette, 3/8"-27 (1/4" ips), 3" long	tetrahedral support	1			Lamp parts store		1	\$1.00	\$1.00	brass
24	Lamp socket cap, medium-base porcelain	tetrahedral flange adapter	1	Leviton	X-3347 or X-2740	Lamp parts store	ref. Leviton 10065 socket	1	\$1.25	\$1.25	keyless fixture lampholder cap
25	LED - yellow	D9	1	Lumex	SSL-LX3044YD-12V	Mouser Electronics	696-SLLX3044YD12V	1	\$0.23	\$0.23	
26	Microphone capsule	M1	4	Panasonic	WM-55A103	Digi-Key	P9961-ND	10	\$2.23	\$22.30	
27	Nut, 3/8"-16 jam	for mic stand adapter	1						\$0.00	\$0.00	a jam nut is thinner than standard nut
28	Printed circuit boards	PCBs	2	ExpressPCB	Exp2 v1.31	ExpressPCB	Exp2 v1.31	1	\$75.00	\$75.00	MiniBoardPro Service for 3 pc boards
29	Resistor, 1/4w 1.8k	R5C	4	NTE	QW218-25	Fry's Electronics		1	\$1.99	\$1.99	package quantity: 25
30	Resistor, 1/4w 10k	R5D, R10	5	Vishay/Dale	CCF0710K0GKR36	Mouser Electronics	71-CCF07-G-10K	10	\$0.06	\$0.60	
31	Resistor, 1/4w 150	R5A	4	Vishay/Dale	CCF07150RGKR36	Mouser Electronics	71-CCF07-G-150	10	\$0.06	\$0.60	
32	Resistor, 1/4w 20k	R7-R8	8	NTE	QW320-25	Fry's Electronics		1	\$1.99	\$1.99	package quantity: 25
33	Resistor, 1/4w 47	R6, R9	8	Vishay/Dale	CCF0747R0GKE36	Mouser Electronics	71-CCF07-G-47-E3	8	\$0.04	\$0.32	
34	Resistor, 1/4w 510	R5B	4	NTE	QW151-25	Fry's Electronics		1	\$1.99	\$1.99	package quantity: 25
35	Resistor, 1/8w 10k	R1-2,4	12	NTE	EW310	Fry's Electronics		3	\$0.06	\$0.18	package quantity: 4
36	Resistor, 1/8w 4.7k	R3	4	NTE	EW247	Fry's Electronics		1	\$0.95	\$0.95	package quantity: 4
37	Screws w/ nuts, 4-40 x 1/4"	connect enclosures	4						\$0.00	\$0.00	prefer k-nuts, else nuts and lock washers
38	Screws w/ nuts, 4-40 x 5/16"	flange to enclosure	3						\$0.00	\$0.00	prefer k-nuts, else nuts and lock washers
39	Screws w/ nuts, washers 2-56 x 1/4"	battery mount to plate	8						\$0.00	\$0.00	need 8 extra internal lock washers
40	Shrink tube, 1/8" x 3"	battery compartment	1			Fry's Electronics			\$0.00	\$0.00	
41	Shrink tube, 3/8" and 1/2"	mic cable strain relief	2			Fry's Electronics			\$0.00	\$0.00	
42	Shrink tube, 3/8"x 3"	tetrahedral pipette cover	1			Fry's Electronics			\$0.00	\$0.00	
43	Soder-wick desoldering braid	desoldering	1	MG Chemicals	MG-425NS	Fry's Electronics			\$2.49	\$2.49	
44	Switch, DPDT, miniature	power switch	1	GC Electronics	35-010	Fry's Electronics	35-010		\$2.99	\$2.99	
45	Tie-wraps - black	tetrahedral wiring	2						\$0.00	\$0.00	
46	Washer, lock, 3/8-inch internal	for mic stand adapter	1						\$0.00	\$0.00	
47	Wind screen, foam	WindTech SG-200 Foam Windscreen	1	WindCutter		Windcutter			\$23.95	\$23.95	
48	Wind screen, furry	SoundMaster WindCutter furry windscreen	1	WindCutter		Windcutter			\$45.95	\$45.95	
49	Wire, #12AWG solid copper, formed	tetrahedral form	1			Local hardware store			\$0.00	\$0.00	Strip insulation from #12 THHN or THWN wire
50	Wire, #12AWG solid copper, short	tetrahedral edges	1			Local hardware store			\$0.00	\$0.00	Strip insulation from #12 THHN or THWN wire
51	Wire, 3x twisted black/white/orange, 24-ga.	power	1						\$0.00	\$0.00	
52	Wire, snake cable	tetrahedral and mic cable	25	Mogami	2931	Performance Audio	W2931	25	\$1.42	\$35.50	feet
53			0						\$0.00	\$0.00	
54	Totals:									\$305.47	
55		26-Nov-12									