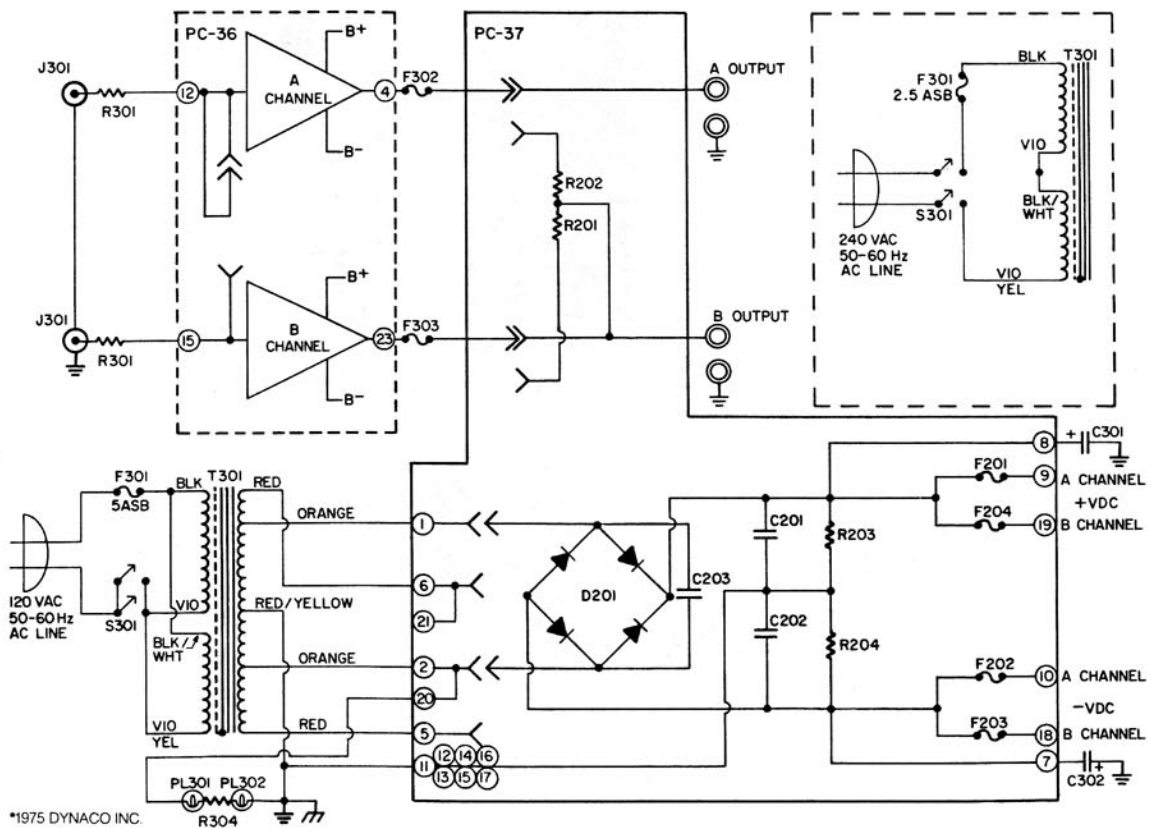
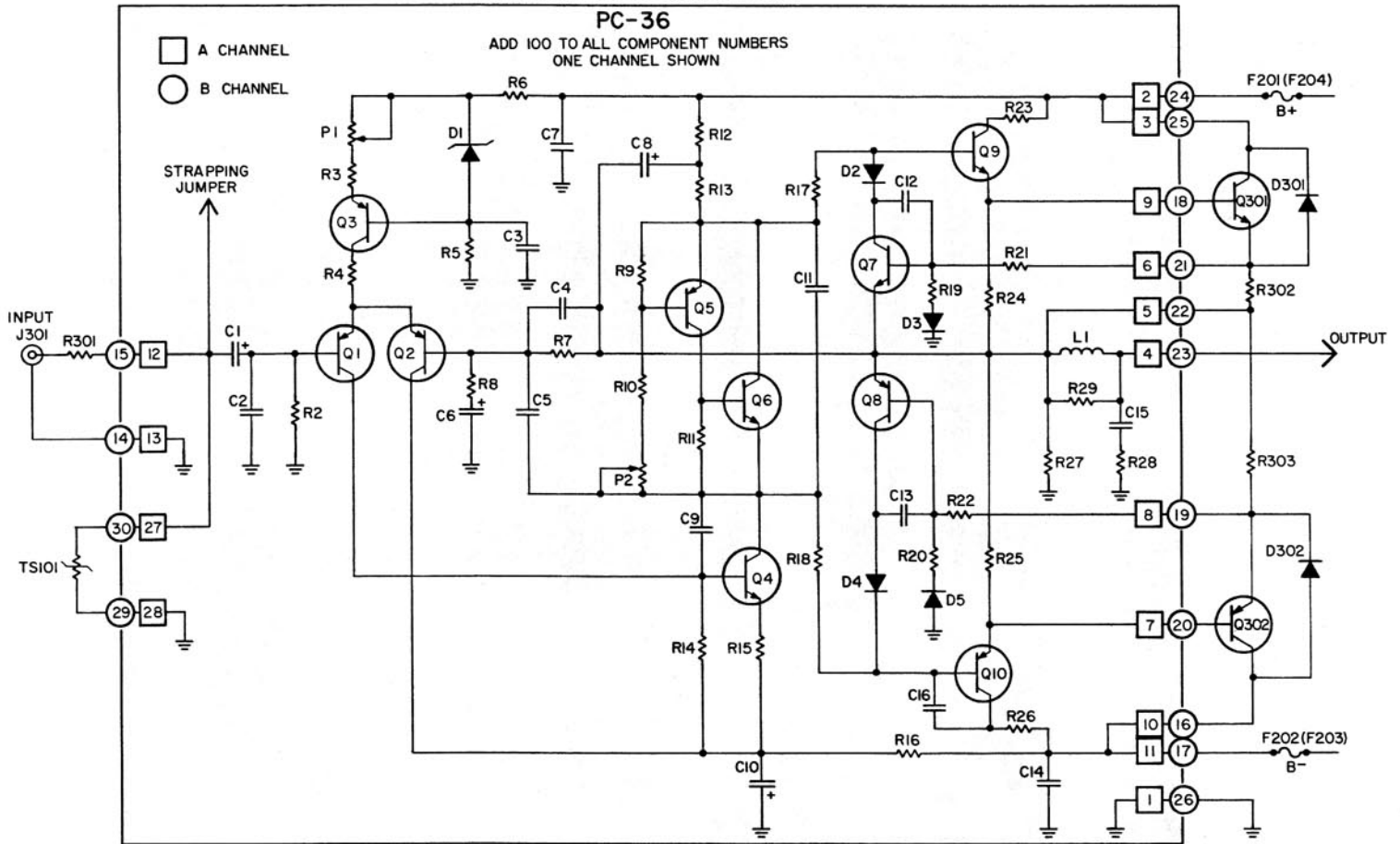


SCHEMATIC DIAGRAM



COMPONENT VALUES

All resistors are 1/4 w., 5% unless otherwise indicated

R102	47,000 ohms	119473	F201	Fuse, 4 ampere, 3AG	342004
R103	2,200 ohms	119222	F202	Fuse, 4 ampere, 3AG	342004
R104	1,000 ohms	119102	F203	Fuse, 4 ampere, 3AG	342004
R105	27,000 ohms	119273	F204	Fuse, 4 ampere, 3AG	342004
R106	270 ohms	119271	F301	Fuse, 5 ampere, slo-blo, 3AG	342050
R107	24,300 ohms, 1/8w., 1% metal film	130242	F302	Fuse, 3 ampere, 3AG	342003
R108	1,000 ohms, 1/8 w., 1% metal film	130112	F303	Fuse, 3 ampere, 3AG	342003
R109	1,000 ohms	119102	C101	33 uf, 25 v., 5% (selected) tantalum	282334
R110	2,700 ohms	119272	C102	150 pf, 100 v., 10% disc	238151
R111	1,000 ohms	119102	C103	0.1 uf, 100 v., 20% disc	224104
R112	3,300 ohms, 1/2 w., 5%	113332	C104	56 pf, 100 v., 10% disc	234560
R113	5,600 ohms, 1/2 w., 5%	113562	C105	22 pf, 100 v., 10% disc	234220
R114	560 ohms	119561	C106	33 uf, 25 v., 5% (selected) tantalum	282334
R115	10 ohms	119100	C107	0.1 uf, 100 v., 20% disc	224104
R116	270 ohms	119271	C108	50 uf, 75 v. electrolytic	284500
R117	100 ohms	119101	C109	22 pf, 100 v., 10% disc	234220
R118	100 ohms	119101	C110	50 uf, 75 v. electrolytic	284500
R119	7,500 ohms	119752	C111	0.1 uf, 100 v., 20% disc	224104
R120	7,500 ohms	119752	C112	0.01 uf, 500 v., 20% disc	228103
R121	560 ohms	119551	C113	0.01 uf, 500 v., 20% disc	228103
R122	560 ohms	119561	C114	0.1 uf, 100 v., 20% disc	224104
R123	10 ohms	119100	C115	0.1 uf, 100 v., 20% disc	224104
R124	39 ohms	119390	C116	150 pf, 100 v., 10% disc	238151
R125	39 ohms	119390	C201	0.1 uf, 100 v., 20% disc	224104
R126	10 ohms	119100	C202	0.1 uf, 100 v., 20% disc	224104
R127	1,200 ohms, 2 w., 10%	118122	C203	0.02 uf, 500 v., 20% disc	227203
R128	10 ohms, 2 w., 5%	110100	C301	10,000 uf, 80 v. electrolytic	284109
R201	0.27 ohm, 5 w., 5%	120027	C302	10,000 uf, 80 v. electrolytic	284109
R202	0.27 ohm, 5 w., 5%	120027	PL301	Lamp, #53	526053
R203	10,000 ohms, 1 w., 10%	115103	PL302	Lamp, #53	526053
R204	10,000 ohms, 1 w., 10%	115103	TS101	Thermal sensor	530075
R301	1,000 ohms, 1/2 w., 5%	113102	T301	Transformer, power	464090
R302	0.33 ohm, 5 w., 5%	120033	S301	Switch, power	334021
R303	0.33 ohm, 5 w., 5%	120033			
R304	220 ohms, 3 w., 10%	120221			
L101	Audio choke wound on 1 ohm, 5 w., 5%	453002			
P101	5,000 ohms, trimpot	190502			
P102	1,000 ohms, trimpot	190103			
Q101	PNP transistor, 2N4889	562889			
Q102	PNP transistor, 2N4889	562889			
Q103	PNP transistor, 2N4889	562889			
Q104	NPN transistor, MPS L01	572101			
Q105	PNP transistor, BC 308B	567070			
Q106	NPN transistor, SE6020	577021			
Q107	NPN transistor, MPS A20, BC 237A	577020			
Q108	PNP transistor, BC 308B	567070			
Q109	NPN transistor, TIP 31C	577031			
QUO	PNP transistor, TIP 32C	567032			
Q301	NPN transistor, 2N5630	571105			
Q302	PNP transistor, 2N6030	561357			
D101	Zener diode, 14 v., 5%, 1N5244	540014			
D102	Silicon diode, 1N4148	543148			
D103	Silicon diode, 1N4148	543148			
D104	Silicon diode, 1N4148	543148			
D105	Silicon diode, 1N4148	543148			
D201	Silicon bridge rectifier, 25 a., 200 PRV	544504			
D301	Silicon diode, 1 a., 200 PRV	544012			
D302	Silicon diode, 1 a., 200 PRV	544012			

