

## ABBREVIATIONS USED FOR COMPONENT DESCRIPTIONS

### RESISTORS

CC	Carbon Composition	$\frac{1}{2}$ W	10%	unless otherwise stated
CF	Carbon Film	$\frac{1}{8}$ W	5%	unless otherwise stated
MO	Metal Oxide	$\frac{1}{2}$ W	2%	unless otherwise stated
MF	Metal Film	$\frac{1}{4}$ W	1%	unless otherwise stated
WW	Wire Wound	6W	5%	unless otherwise stated
CP	Control Potentiometer		20%	unless otherwise stated
PCP	Preset Potentiometer Type MPD, PC		20%	unless otherwise stated

### CAPACITORS

CE(1)	Ceramic		+ 80%	
			- 25%	
CE(2)	Ceramic	500V	$\pm$ 10%	unless otherwise stated
SM	Silver Mica			
PF	Plastic Film		$\pm$ 10%	unless otherwise stated
PS	Polystyrene			
PE	Polyester		$\pm$ 10%	unless otherwise stated
PC	Polycarbonate			
E	Electrolytic (aluminium)		+ 50%	
			- 10%	
T	Tantalum		+ 50%	
			- 10%	

# Component List and Illustrations

# Section 6

## POWER SUPPLIES Y O/P AMPLIFIER AND BLANKING AMPLIFIERS

Ref	Value	Description	Tol %±	Part No.	Ref	Value	Description	Tol %±	Part No.
<b>RESISTORS</b>					<b>RESISTORS (Contd.)</b>				
R401	3M3	CF	½W	36002	R504	5k6	CF		21806
R402	500	CP		A4/35335	R505	5k6	CF		21806
R403	100	CF		21794	R506	5k6	CF		21806
R404	100	CF		21794	R507	6k8	CF		21807
R405	3M3	CC		1181	R508	5k6	CF		21806
R406	4k7	CC		3427	R509	3k3	CF		21803
R407	1M5	CC		7016	R510	1k	CF		21799
R408	220k	PCP		29363	R511	3k9	MO		26724
R409	10k	PCP		28525	R512	3k3	CF		21803
R410	47k	CF		21815	R513	2k2	CF		21802
R411	3M3	CF		36002	R514				
R412	15k	CF		28727	R515	100	CF		21794
R413	47k	CF		21815	R516	3k3	CF		21803
R414	220k	CF		21823	R517	10k	CF		21809
R415	1M	CC		1171	R518	470	CF		21797
R416	1M	CP		A4/35337	R519	820	CF		28724
R417	100k	PCP		26582	R520	56	CF		28715
R418	270k	CF		32356	R521	47	CF		28714
R419	220k	CP		A4/35336	R522	OR22	WW	2½W	36159
R420	330k	CF		32357	R523	220	CF		21796
R421	10k	CF		21809	R524	12k	WW		21141
R422	2M2	CC		1180	R525	12k	WW		21141
R423	3k	WW		33212	R526	15k	CF	½W	18564
R424	91	CF		28782	R527	27k	CF	2W	33211
R425	47	CF		28714	R528	22k	CF	½W	18566
R426	68	CF		28716	R529	1k	PCP		36080
R427	33k	CF		21814	R530	560	CF	1W	19040
R428	390	CF	1W	19038	R531				
R429	91	CF		28782	R532	8k2	CF	½W	18561
R430	47	CF		28714	R533	1M	CF		31840
R431	10	CF		21793	R534	2k7	CF		28726
R432	3k	MO	5 6W	33212	R535	4k7	CF		21805
R433	100	CF		21794	R536				
R434	100	CF		21794	R537				
R435	68	CF		28716	R538	100	CF		21794
R436	100	CF		21794	R539	100	CF		21794
R437	100	CF		21794	R540	47	CF	1W	4038
R438	220	CP		35877					
R439	2k7	CF		28726	<b>CAPACITORS</b>				
R440	2k7	CF		28726	C401	.01µF	CE(2)	250V	22395
R441	470	CF		21797	C402	1µF	E	350V	29494
R442	470	CF		21797	C403	4.7µF	E	63V	32195
R443	22	CF		28710	C404	4µF	E	450V	23599
R444	10	CF		21793	C405	4µF	E	450V	23599
R445					C406	4µF	E	450V	23599
R446					C407	4µF	E	450V	23599
R447	150	CF		28719	C408	4µF	E	450V	23599
R448	680	CF		28723	C409	4µF	E	450V	23599
R449					C410	.01µF	CE(2)	2kV	23603
R450	100	CF		21794	C411	.01µF	CE(2)	2kV	23603
R451	10	CF		21793	C412	.01µF	CE(2)	2kV	23603
					C413	.01µF	CE(2)	2kV	23603
R501	100k	CF	½W	18574	C414	.047µF	CE(2)	1k5V	36633
R502	3k3	CF		21803	C415	4700pF	CE(2)	4kV	26863
R503	3k3	CF		21803	C416	4700pF	CE(2)	4kV	26863

# Component List and Illustrations

# Section 6

## POWER SUPPLIES, Y O/P AMPLIFIER AND BLANKING AMPLIFIERS (Contd.)

Ref	Value	Description	Tol %±	Part No.
<b>CAPACITORS (Contd.)</b>				
C417	100pF	CE(2)	500V	22376
C418	100pF	CE(2)	500V	22376
C419	12/75pF	TRIMMER		36091
C420	150pF	CE(2)		4514
C421	.15μF	CE(2)	250V	35601
C422	.1μF	CE(2)	30V	19647
C423				
C424	10/40pF	TRIMMER		35506
C425				
C426	39pF	CE(2)	500V	22371
C427	.047μF	CE(2)	12V	19657
C428	.01μF	CE(2)	250V	22395
C429	5.6pF	CE(2)	500V	22361
C430	82pF	CE(2)	500V	22375
C431	4700pF	CE(2)	4kV	26863
C432	4700pF	CE(2)	4kV	26863
C433	1μF	PE	160V	31383
C434	.01μF	CE(2)	250V	22395
C435	4700pF	CE(2)	4kV	26863
C502	4700pF	E	16V	36020
C503	.1μF	CE(2)	30V	19647
C504	.1μF	CE(2)	30V	19647
C505	15pF	CE(2)	500V	22366
C506	.02μF	CE(2)	1k5V	25223
C507	.1μF	CE(2)	30V	19647
C508	.1μF	CE(2)	30V	19647
C509a	100μF +	E	300V	36023
C509b	100μF			
C510	2200μF	E	40V	36022
C511	2200μF	E	40V	36022
C512	3300μF	E	25V	36021
C513	560pF	CE(2)	500V	22384
C514				
C515	10μF	E	25V	32180
C516	10μF	E	25V	32180
C517	10μF	E	25V	32180
C518	10μF	E	25V	32180
C519	.01μF	CE(2)	250V	22395
C520	10μf	E	25V	32180
C521	.01μF	CE(2)	250V	22395
C522	.01μF	CE(2)	250V	22395

### TRANSISTORS

TR401	2N3053	4039
TR402	BD159	34652
TR403	BC182B	33205
TR404	BF380	32902
TR405	BF380	32902
TR406	2N2369	23307
TR407	2N2369	23307
TR408	2N2369	23307
TR409	2N2369	23307

Ref	Value	Description	Tol %±	Part No.
<b>TRANSISTORS (Contd.)</b>				
TR505		BC212		29327
TR506		BC212		29327
TR507		BC182		33205
TR508		BC182		33205
TR509		2N3053		4039
TR510		2SC1173		36188
TR511				
TR512				
TR513		2N5831		33209
TR514		2N2369		23307
TR515		2N2369		23307
TR516		BC182		33205

### DIODES

D401		IN4007		52337
D402		ZENER	150V	29485
D403		ZENER	150V	29485
D404		IN4007		52337
D405		IN4007		52337
D406		IN4007		52337
D407		SCM30		33249
D408		SCM30		33249
D409		SCM30		33249
D410		IN4007		52337
D411		ZENER	11V	33936
D412		ZENER	10V	33935
D503		ZENER	5V1	33928
D504		ZENER	5V1	33928
D505		ZENER	5V1	33928
D506		ZENER	6V2	28764
D507		IN4148		23802
D508		ZENER	24V	33944
D509		IN4148		23802

### INTEGRATED CIRCUITS

IC501			12V	36178
IC502			6V	36177
IC503			15V	36179
IC504			15V	36185

### LAMPS

L401	33μH			33204
L402	33μH			33204
L403				4442
L404				4442

### MISCELLANEOUS

FS501			250mA	32338
BR401		WO4		29367
SKU				36105