B150-61-02

GRAPHIC 25V 10u C23 R1 10K

IC1 M5229P -15 GRND +15 (20 19 18)

C10 150n C9 33n C7 15n C5 10n C2 3n3 C17 1n5 C20 680p

C8 4u7 16V C6 4u7 16V C4 1u 16V C3 330n C1 330n C18 68n C19 22n

R2 10K C21 100p

GRNDC22 10u 25V R9 10K

EFFECTS SEND JS1 T S MONOP S2-PC JS2 T S MONOP S2-PC

R8 4K7 GRND EFFECTS RETURN

+15 R10 1K D2 1N4148 R11 100K D1 1N4148 -15

IC2b MC1458 R13 10K C26 22p 4K7 R12

C25 10u 25V R4 330R

GRND

C28 22p R16 5K6 JS3 T S MONOP S2-PC

R15 22K R14 22K IC2c MC1458 R17 5K6

R20 680R R19 2K7 C29 100n XLR1 SW2a

R22 680R 5K6 R21

GRND

LINE OUT EARTH LIFT D.I. OUT

VR8 B20K R3 33K

VOLUME

CON5 TO CON2 (B3) DRG B150-62-02

CON4 TO CON1 (A4) DRG B150-62-02

1 SPKR
2 -HT
3 +HT
4 -LT
5 +LT
6 GRND
7 DIRTY
8 EHT
9 FIL_B
10 FIL_A

CON2

CON1

CON3 TO CON1 (G3) DRG B150-60-02

1 FIL_A
2 FIL_B
3 EHT
4 LIMITER
5 DIRTY
6 +15
7 -15
8
9 GRND
10 GRAPHIC

B20K VR1 30mm 40Hz
B20K VR2 30mm 80Hz
B20K VR3 30mm 225Hz
B20K VR4 30mm 550Hz
B20K VR5 30mm 1KHz
B20K VR6 30mm 3KHz
B20K VR7 30mm 8KHz

⚠ SAFETY CRITICAL COMPONENTS
COMPONENTS MUST BE REPLACED WITH THE SAME TYPE AND RATING ONLY.

1) ALL RESISTORS 1/4W UNLESS STATED.
2) SWITCHES ARE SHOWN IN OFF POS'N (OUT).
3)TO CON2 (B3) = TO CONNECTOR 2 GRID REFERENCE B3 DRG REFERENCE B150-60-0C

NOTE:- R23, R24, R25, C15 & C16 NOT FITTED

MAINS TX 1
230V= D9627
117V= D9631
100V= D9632

MAINS ON/OFF

MAINS IN BN1 T2A = 230V T4A = 117V F1 L E GN N GND BL1

B SW3b OR1 A SW3a OR2 PRIMARY

NOT FITTED R25 C16 NOT FITTED
NOT FITTED R24
NOT FITTED R23 C15 NOT FITTED

MAINS SWITCH PART NO:- FC7130

SPKR R6 36K R7 47K LIMITER SW1a LIMITER ON\OFF R5 1K5 C24 470p GRND

POWER ON REG1 7815 +15 +LT C11 10u 25V C12 10u 25V LED1 RED 1/2W R18 2K2 C27 100n MC1458 IC2 PWR GRND C14 10u 25V C13 10u 25V REG2 7915 -15 -LT

			ALL OTHER HOLES =						X = (THROUGH PLATED)						
			A			E			J			N			
			B			F			K			P			
2	2112	5-7-02	C			G			L			Q			
ISS	ECO NUMBER	DATE	D			H			M			R			

MATERIAL		DIMENSIONS IN	
MATERIAL THICKNESS		TOLERANCE (UNLESS UTHERWISE STATED)	
DRAWN B.KEIR	DATE 08.06.95		
CHECKED	DATE	MODEL B150	
APPROVED	DATE		

Marshall
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DENBIGH ROAD, BLETCHLEY, MILTON KEYNES, MK1 1DG.
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TITLE PRE AMP 2 CIRCUIT

DWG.No B150-61-02 ISS 2