B150-62-02

NOTES

1) SAFETY CRITICAL COMPONENTS
   ⚠ COMPONENTS MUST BE REPLACED WITH THE SAME TYPE AND RATING ONLY.
2) ALL RESISTORS 1/4W UNLESS STATED.
3) TO CON1 (H3) DRG B150-60-0B= TO CONNECTOR 1 GRID REFERENCE H3 DRAWING REFERENCE B150-60-0B

GN1 GN CHASSIS
1N4007 D17 1N4007 D18
100R R33 100n C24
GRND
GRND2 500V 10n C3 100R R30

+HT
R24 390R
D9 1N4148
D12 1N4148
MPSA93 TR5
R18 22K 1/2W
GRND
C8 22u 160V
4K7 R12 2W
4K7 R13 1W
BAV21 D7
D8 1N4148
C17 10n 500V
R26 680R 5W
R27 1K 5W
TR9 BDV65
TR10 BDV65
R19 33K
C9 100n
R15 1K2
R14 1K5
MJF122
TR11
OR33 5W R34 1N4007 D20
OR33 5W R35 1N4007 D19
SPKR
C25 100n 250V
BK4 BLACK
BK3 BLACK
SPEAKER 8 Ohm
NOTE:- BK3 IS SPEAKER OUT LIVE.
C13 22u 160V
680R R20
2K7 R21
DR33 7W R37
C12 22u 160V
10R 2W R36
GRND

2SA872A TR6
2SA872A TR7
R25 2K2
C16 10u 25V
TO CON5 (H3) DRG B150-61-02
CON2
TR8 J111
C15 1n
R22 33K
GRND
D10 1N4148
C14 220p 500V
MJE340 TR4
D11 BAV21
R38 1K 5W
TR13
BDV64
TR12
R17 1K
R23 1K
R16 4K7
C26 10n 500V
R39 680R 5W

EHT
5W 100R R4
100R 5W R3
GRND2
+LT
-LT
+HT
-HT
SPKR
TO CON4(A2) DRG B150-61-02
CON1
+LT
C6 1000u 25V
22K R10
BZY88C ZD16V8
C7 4.7u 10V
D6 1N4148
10u 25V C4
1N4007 D4
1N4007 D5
TR3
TR1
BC212
BC212
TR2 BC182
10K R11
100R R9
R5 10K
1N4007 D2
2K2 R7
R8 4.7K
R6 15K
1N4007 D1
1N4007 D3
C5 1000u 25V
-LT
FUSED 2R2 R2 1/2W
RD3
GRND2
BK2
FUSED 2R2 R1 1/2W
RD4
SECONDARY
MAIN TX 1
100V = D9632
117V = D9631
230V = D9627

EHT
4K7 R31
C22 10u 350V
4K7 R32
1N4007 D13
1N4007 D16
1N4007 D14
C23 10u 350V
1MEG R29
350V 10u C18
350V 10u C19
350V 10u C21
350V 10u C20
GRND
D15 1N4007
100n 250V C10
C2 2200u 100V
+HT
FUSED 1/2W 2R2 R28
BR1 BR102
RD1
BK1
RD2
C11 100n 250V
C1 2200u 100V
-HT
SECONDARY
MAIN TX 1
100V = D9632
117V = D9631
230V = D9627

ISS	ECO NUMBER	DATE

ALL OTHER HOLES = X = (THROUGH PLATED)

A				E			J			N		
B				F			K			P		
C				G			L			Q		
D				H			M			R		

MATERIAL		DIMENSIONS IN	
MATERIAL THICKNESS		TOLERANCE (UNLESS UTHERWISE STATED)	
DRAWN B.KEIR	DATE 30.05.95	MODEL B150	
CHECKED	DATE		
APPROVED	DATE		

Marshall

© JIM MARSHALL (PRODUCTS) LTD.
DENBIGH ROAD, BLETCHLEY, MILTON KEYNES, MK1 1DQ.
TEL (0908)375411 FAX (0908)376118

TITLE POWER AMP CIRCUIT

DWG.No B150-62-02 ISS 1