

22/6/2000

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CK160 Keyboard Amplifier Service Information

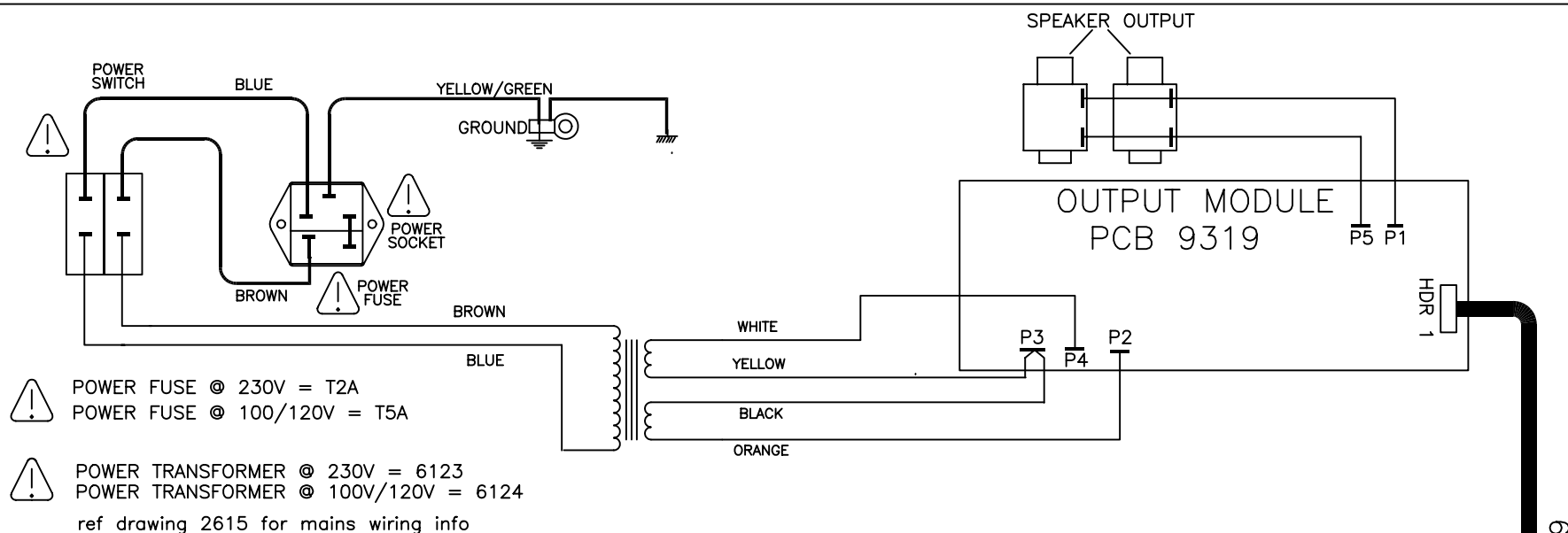
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for a new millennium**

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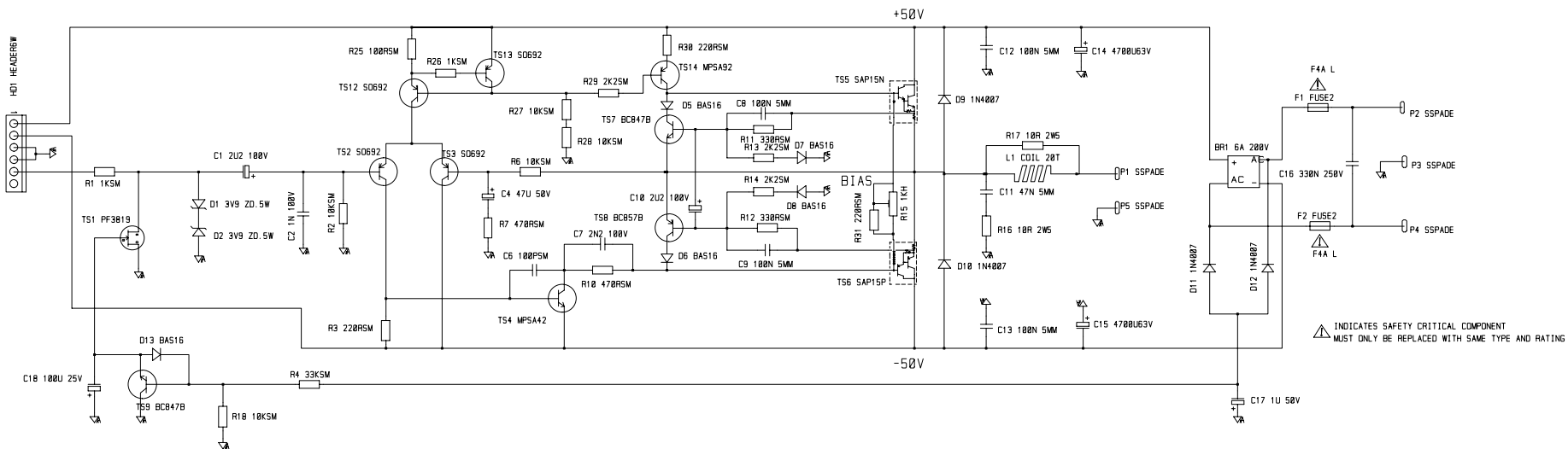
Contents

- 1.DWG 2615 Mains Wiring
- 2.DWG 3102 Schematic Diagram
- 3.DWG 9330 Preamp Diagram (Issue 1)
- 4.DWG 9319 Output Diagram (Issue 3)
- 5.Assembly List
- 6.Assembly List
- 7 Assembly List
- 8.Contact

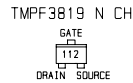
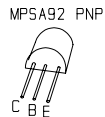
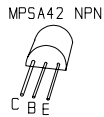
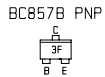
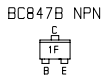


! =ONLY REPLACE WITH SAME TYPE AND RATING

ISSUE	DESCRIPTION	APPD.	DATE	TITLE	DRAWN	TRACED	CHECKED	APPROVED	DATE
				<p>BLT Industries Ltd.</p> <p>CK160 Service Information PART No</p>	S.L.				12/04/00
					DRAWING No.	3102			



INDICATES SAFETY CRITICAL COMPONENT
MUST ONLY BE REPLACED WITH SAME TYPE AND RATING



REFER TO SERVICE MANUAL BEFORE ADJUSTING BIAS

DRAWN	DEH
DATE	21/09/99
TITLE	160 Watt Power Module
DRW. NO.	9319_3

ISSUE	3 18/10/99				
TYPE	LAYOUT CHANGES				

Assembly List For CK160E EURO

Date > 22/06/00

Stock Code Stock Item
=====

Qty Req
=====

10702 Y	SPECIAL MAINS LEAD	1
10925 Y	CK USER MANUAL	1
80006 Y	CK160 EURO	1
80007 Y	CK160 CABINET	1

Assembly List For CK160 EURO

Date > 22/06/00

Stock	Code	Stock Item	Qty Req
=====	=====	=====	=====
5005	Y	NEW TYPE MAINS SOCKT	1
5511	Y	5MM SOLDER TAG	1
5526	Y	20mm T2A FUSE	1
5542	Y	ROCKER SWITCH	1
5558	Y	100mm TIE WRAP	10
5658	Y	LONG BOARD SPACER	3
5666	Y	RED P402 KNOB	6
5667	Y	BLUE P402 KNOB	11
5668	Y	BEIGE P402 KNOB	5
8701	Y	MXA100 SHORT LOOM	1
9160	Y	4mm HEX NUT	2
9161	Y	4mm INT. SHAKEPROOF	2
9162	Y	4*12mm PAN POZI	2
9171	Y	M5 INT SHAKEPROOF	2
9181	Y	5mm BRASS HEX NUT	1
9189	Y	5mm CAGE NUT	4
9200	Y	NO 6*3/8 FLANGE POZI	2
9204	Y	NO 4*1/4 PLASTITE	13
9217	Y	4mm NUTSERT	8
9234	Y	4*1/2" AB POZI	3
10004	Y	MONO JACK SOCKET	2
10010	Y	2 SPRING MEDIUM	1
540038	Y	EARTH WARNING LABEL	1
541004	Y	HC25/50 4.8 FASTON	9
541053	Y	1/4" LG RECEPTACLE	4
586003	Y	M8 * 60 COACH BOLT	1
588006	Y	POP RIVET (BLACK)	2
5P-587	003	30mm WASHER	1
80008	Y	CK160 PRE PCB ASSY	1
80009	Y	CK160 O/P PCB ASSY	1
8P-504	7	ICK160 FACIA	1
8P-504	8	ICK160 CHASSIS	1
8P-504	9	ICK160 U SHAPE HS	1
8P-505	0	ICK160 REAR	1
8P-844	4	`75MM HEATSINK	1
8T-612	3	`RBW300 TX	1

Assembly List For CK160 PRE PCB ASSY

Date > 22/06/00

Stock Code	Stock Item	Qty Req
=====	=====	=====
1300 Y	ORO SHORTING LINK	38
1303 Y	100R 5% RESISTOR	2
1305 Y	2K2 5% RESISTOR	4
1306 Y	10K 5% RESISTOR	27
1309 Y	1M 5% RESISTOR	5
1310 Y	100K 5% RESISTOR	10
1312 Y	4K7 5% RESISTOR	13
1314 Y	8K2 5% RESISTOR	6
1315 Y	47K 5% RESISTOR	1
1316 Y	22K 5% RESISTOR	13
1317 Y	39K 5% RESISTOR	1
1319 Y	15K 5% RESISTOR	3
1320 Y	220R 5% RESISTOR	1
1326 Y	3K3 5% RESISTOR	4
1327 Y	1K 5% RESISTOR	6
1334 Y	150K 5% RESISTOR	1
1336 Y	470K 5% RESISTOR	1
1700 Y	470R 5W RESISTOR	2
1920 Y	ZERO OHM RESISTOR	1
2004 Y	47UF 50V RADIAL	2
2013 Y	10UF 50V CAPACITOR	9
2020 Y	470UF 16V RADIAL	2
2024 Y	2.2UF 63V RADIAL	12
2025 Y	1UF 63V RADIAL	1
2026 Y	.47UF 63V RADIAL	1
2200 Y	220NF 100V 10MM	1
2415 Y	2.2NF 100V 5mm	10
2417 Y	4.7NF 100V 5mm	2
2419 Y	100NF 63V 5mm	7
2420 Y	22NF 100V 5mm	1
2425 Y	47NF 100V 5mm	5
2602 Y	47PF 50V 10% COG	10
2603 Y	100PF 50V 10% COG	3
2604 Y	270PF 50V 10% COG	2
2605 Y	470PF 50V 10% COG	5
3014 Y	15V 1.3W ZENER	2
3500 Y	BAS16 TRANSISTOR	12
3508 Y	34072 IC (SMD TL072)	12
4105 Y	B100K 37.5mm POT	12
4106 Y	A100K 37.5mm POT	5
4107 Y	A10K 37.5mm POT	5
5036 Y	6 WAY LOCKING HEADER	1
5066 Y	2 WAY LOCKING HEADER	2
5306 Y	DUAL PHONO VERT PC	2
5307 Y	X902-03 XLR	1
5309 Y	6.3MM PHONE JACK	10
9320 Y	CR520 PREAMP	1

Assembly List For CK160 O/P PCB ASSY

Date > 22/06/00

Stock Code	Stock Item	Qty Req
=====	=====	=====
1300 Y	ORO SHORTING LINK	4
1303 Y	100R 5% RESISTOR	4
1304 Y	820R 5% RESISTOR	1
1305 Y	2K2 5% RESISTOR	3
1306 Y	10K 5% RESISTOR	4
1311 Y	470R 5% RESISTOR	1
1320 Y	220R 5% RESISTOR	1
1327 Y	1K 5% RESISTOR	2
1329 Y	330R 5% RESISTOR	1
1331 Y	33K 5% RESISTOR	1
1500 Y	10R 2.5W RESISTOR	2
1920 Y	ZERO OHM RESISTOR	2
2004 Y	47UF 50V RADIAL	2
2006 Y	4700UF 63V RADIAL	2
2014 Y	100UF 35V RADIAL	1
2024 Y	2.2UF 63V RADIAL	2
2025 Y	1UF 63V RADIAL	1
2200 Y	220NF 100V 10MM	1
2415 Y	2.2NF 100V 5mm	2
2419 Y	100NF 63V 5mm	4
2425 Y	47NF 100V 5mm	1
5101 Y	F4A AMP FUSE	1
3000 Y	1N4007 DIODE	4
3007 Y	3V9 .5W ZENER DIODE	2
3016 Y	6A 200V BRIDGE	1
3411 Y	MPSA42/43 TRANSISTOR	1
3412 Y	MPSA92/93 TRANSISTOR	1
3500 Y	BAS16 TRANSISTOR	5
3502 Y	SO692 TRANSISTOR	4
3503 Y	BC847B TRANSISTOR	2
3504 Y	BC857B TRANSISTOR	1
3507 Y	TMP3819 TRANSISTOR	1
3807 Y	SAP15N	1
3808 Y	SAP15P	1
4000 Y	1K HORIZ PRESET	1
5006 Y	20 TURN COIL	1
5022 Y	PCB FUSE CARRIER	2
5036 Y	6 WAY LOCKING HEADER	1
5038 Y	1/4" SPADE TERMINAL	3
5067 Y	TO3P SIL PADS	2
5686 Y	NEW SPADE TERMINAL	2
9234 Y	4*1/2" AB POZI	2
9319 Y	CR520 O/P	1
588006 Y	POP RIVET (BLACK)	2
8P-885 9	`ECR520 HTSK BRKT	1

Assembly List For CK160 CABINET

Date > 22/06/00

Stock Code	Stock Item	Qty Req
=====	=====	=====
2410 Y	100NF 400V 15MM	1
10039 Y	PENN CORNER C1839K	8
10055 Y	PLASTIC CABINET FOOT	4
10057 Y	SMALL LANEY BADGE	1
10100 Y	STRAP HANDLE	1
10200 Y	M5 x 10mm TEENUT	6
10202 Y	5mm X 25mm CSK POZI	2
10205 Y	NO.8 X 5/8" ROUND	4
10211 Y	SPEAKER BOLT	4
10224 Y	35mm FINISHED NAILS	35
10231 Y	No8x1/2" FLANGE POZI	2
10232 Y	NO10x1 1/2 FLANGE HD	4
10233 Y	M5*30 FLANGE POZI BK	4
10234 Y	No 8 X 3/4 CSK POZI	22
10240 Y	10 * 1 CSK POZI	4
10243 Y	NO4*1/2 TYPE B CSK	2
10244 Y	FLAT SPIRE CLIP	2
10301 Y	18mm CHIPBOARD	0
10309 Y	ALUMINIUM FOIL	0
10326 Y	BLACK CARPET	1
10512 Y	J44 HORN KSN1005A	1
10600 Y	32/18 STAPLES	12
10622 Y	POLY BAG 48(0) X 48	1
10629 Y	MASKING TAPE 1.5"	3
10843 Y	CARTON KC150	1
10897 Y	100mm ETHAFOAM CORNR	8
10982 Y	GLUE/PAINT COST 2.00	1
41511 Y	INVADER 15150BG4	1
541004 Y	HC25/50 4.8 FASTON	2
8G-KC1 50	FRONT GRILL KC150	1
8P-885 7	`BLACK CR VENT	1

Concept

Laney

**Newlyn Road
Cradley Heath
West Midlands
B64 6BE
U.K.**

<http://www.laney.co.uk>