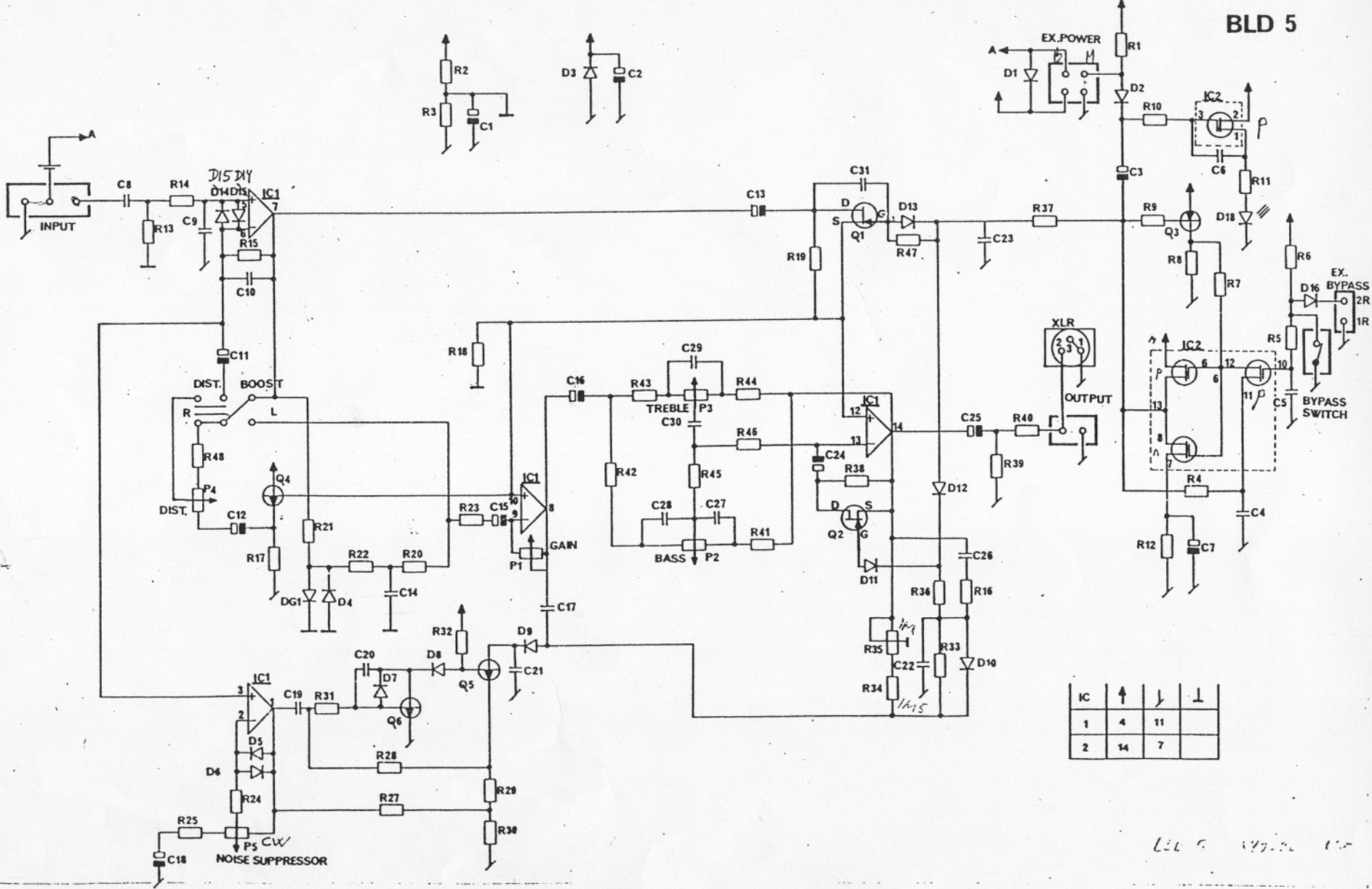


BLD 5



IC	↑	↓	↓
1	4	11	
2	14	7	

110 5 197.20 110

DATE: \_\_\_\_\_ Dwg. No. 1501-3

Appr. \_\_\_\_\_ TITLE: SCHEMATIC TC BLD PART OF: d.c. BLD version 03-05

840222 RCH FHJ t.c. electronic OF DENMARK

RESISTORS

R 1	6,8 MOhm	R21	4,7 KOhm	R41	1,5 KOhm
R 2	47 KOhm	R22	10 KOhm	R42	1,5 KOhm
R 3	47 KOhm	R23	1,5 KOhm	R43	2,2 KOhm
R 4	3,3 MOhm	R24	10 KOhm	R44	1 KOhm
R 5	1 MOhm	R25	100 Ohm	R45	10 KOhm
R 6	1 MOhm	R26	NOT USED	R46	10 KOhm
R 7	220 KOhm	R27	1 MOhm	R47	10 MOhm
R 8	220 KOhm	R28	47 KOhm	R48	22 KOhm
R 9	1 MOhm	R29	470 KOhm		
R10	470 KOhm	R30	10 KOhm		
R11	1,5 KOhm 1/2W	R31	4,7 KOhm		
R12	10 KOhm	R32	1 MOhm		
R13	1 MOhm	R33	6,8 MOhm		
R14	2,2 KOhm	R34	680 KOhm		
R15	470 KOhm	R35	2,2 MOhm		
R16	220 Ohm	R36	6,8 MOhm		
R17	33 KOhm	R37	1 MOhm		
R18	10 KOhm	R38	1 MOhm		
R19	3,3 MOhm	R39	10 KOhm		
R20	10 KOhm	R40	47 Ohm		

CAPACITORS

C 1	22 uF	16V	ellyt	C16	2,2 uF	50V	ellyt
C 2	10 uF	35V	ellyt	C17	10 nF		plaq.
C 3	1 uF	50V	tantal	C18	1 uF	50V	ellyt (mini)
C 4	10 nF		plaq.	C19	100 nF	20%	poly. (2e)
C 5	1 nF		plaq.	C20	470 pF		plaq.
C 6	33 nF	20%	poly. (2e)	C21	10 nF		plaq.
C 7	1 uF	50V	ellyt (mini)	C22	10 nF		plaq.
C 8	47 nF	20%	poly. (2e)	C23	47 nF	20%	poly. (2e)
C 9	220 pF		plaq.	C24	1 uF	50V	ellyt
C10	220 pF		plaq.	C25	22 uF	16V	ellyt
C11	1 uF	50V	ellyt (mini)	C26	10 nF		plaq.
C12	1 uF	50V	ellyt	C27	100 nF	10%	poly. (2e)
C13	4,7 uF	35V	ellyt	C28	100 nF	10%	poly. (2e)
C14	10 nF	10%	poly. (2e)	C29	1 nF		plaq.
C15	10 uF	16V	ellyt (mini)	C30	6,8 nF	20%	poly. (2e)
				C31	220 pF		plaq.

POTENTIOMETERS

*2B130976*

P 1	47 KOhm LOG	(GAIN)
P 2	22 KOhm LIN	(BASS)
P 3	100 KOhm LIN	(TREBLE)
P 4	22 KOhm NEGLOG	(DIST.)
P 5	470 KOhm LOG	(TRESHOLD)

TRANSISTORS

Q 1	BF 245-A
Q 2	BF 245-A
	(Selected)
Q 3	BC 558-B
Q 4-6	BC 548-B

DIODES

D 1	1N4001
D 2-17	1N4148
D18	5BR 3431 (red 3mm)
D6 1	AA/119

INTEGRATED CIRCUITS

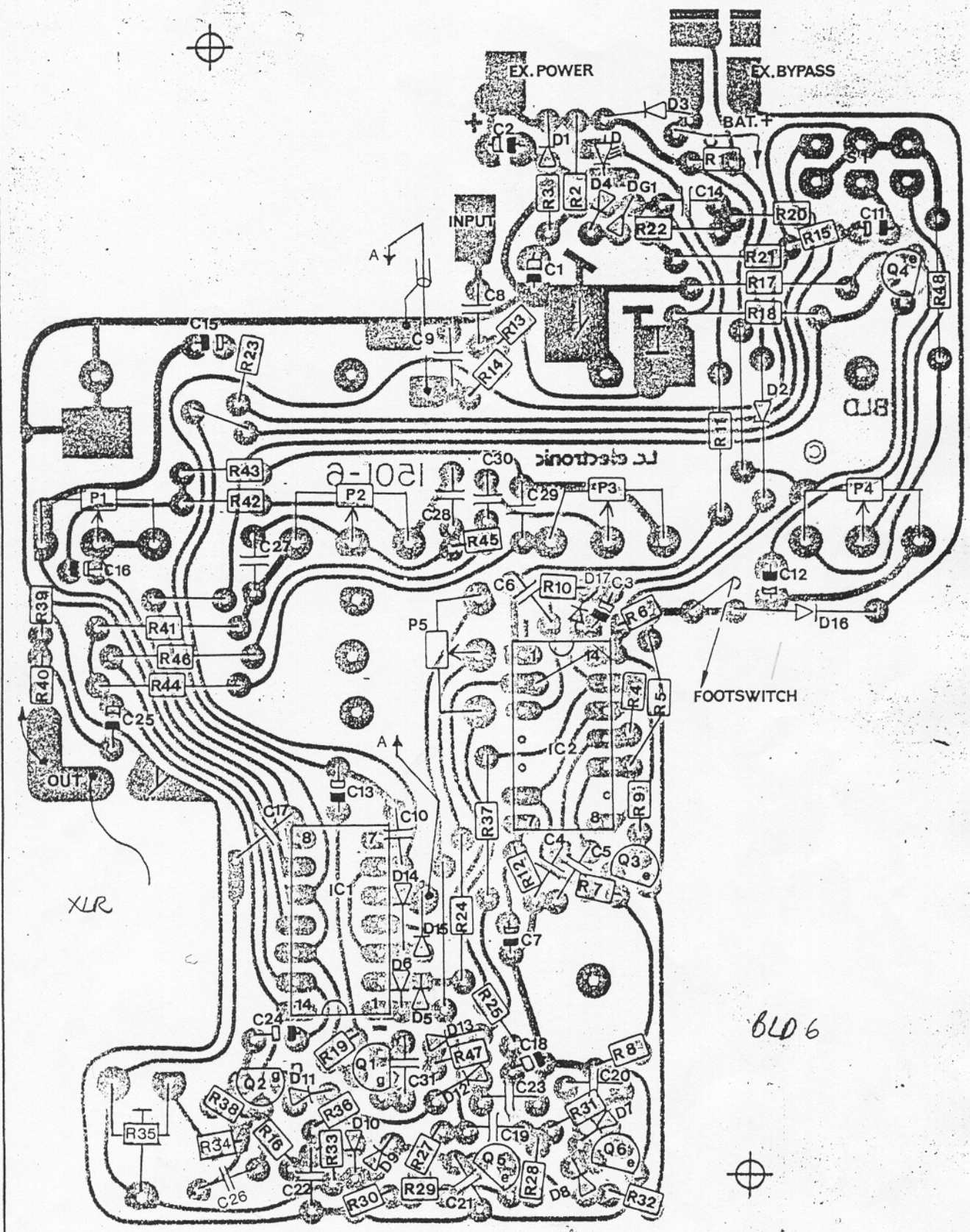
IC 1	4741 selected (GR1)
IC 2	HBF 4007 UBP

841026/JF

PAGE 1 OF 1

DATE <i>Ludgave</i>	DRG. <i>85/201-jf</i>	APP.	TITLE PARTS LIST BOOSTER LINED. +DISTORTION	DRG NO. 1501-06
SCALE			MAT.	PART OF doc. TC BLD version 05
				OF DRAWING <b>t.c. electronic</b>





DATE 820729	DRG. 840227 BRH	APP. JF KR	TITLE BLD PARTS LAYOUT	DRG. NO. 1501-6
851023 THS.	SCALE	MAT.	PART OF doc. BLD version 03-06	OF DENMARK <b>t.c. electronic</b>

Repairing TC BLD use service kit type STC - BLD

Demounting procedure :

- 1- Unscrew the four screws from the bottom and remove this.
- 2- Disconnect battery from battery-socket.
- 3- Remove all potentiometer knobs by taking off the knob-tops and loosen top-screw.
- 4- Notice washers positions and take away all washers.
- 5- Unscrew all potentiometer nuts.
- 6- Unsolder direct connections between PC board and Jack-sockets, (ATTENTION : Do not heat any socket-terminal extensively).
- 7- Unsolder all wires from PC-board and black battery wire from jack.
- 8- Pull-off foot-switch terminal.
- 9- Take out defective PC-Board, and replace with PC-Board from Service-kit.

Mounting procedure:

- 1- Take the new fully tested PC-board and place it into the chassis
- 2- Recognize all potentiometers are in correct position (completely down in chassis) and fasten all potentiometer-nuts.
- 3- Solder all direct connections, (connections between mini-jack-sockets and PC are done best by using unisulated wires.
- 4- Solder all wires (refer to connection wiring diagram).
- 5- Connect footswitch
- 6- Connect battery. (Condition of battery OK ?)
- 7- Place the bottom and the 4 screws.
- 8- Mount all knob-washers in correct order (see connection wiring diagram) and fasten all knobs in correct position.
- 9- Check all functions on the BLD are working correct. (Eventually compare with another BLD).

ad. knob mounting:

MAKE SURE THE WASHERS ARE CORRECTLY MOUNTED TO INSURE MAX. PROTECTION AGAINST ROUGH USE

- KNOB  
 NUTCOVER  
 WASHER 0.5x7x13  
 WASHER 0.8x4x9  
 WASHER 0.3x7x13  
 WASHER 1.0x7x13

