

**BAG NO:1**

1 LD017B PCB

**MICPRE THREE**

MAIN CARD

1 LD018B PCB

INSTRUMENT INPUT / METER CARD

**BAG NO:2**

10	1N4003 DIODE	CR1
	1N4003	CR2
	1N4003	CR3
	1N4003	CR4
	1N4003	CR5
	1N4003	CR6
	1N4003	CR7
	1N4003	CR8
	1N4003	CR11
	1N4003	CR12
2	1N4148 DIODE	CR9
	1N4148	CR10

**BAG NO 3**

1	Gain Resistor Network	R12	1.2R
1	Gain Resistor Network	R13	2.4R
1	Gain Resistor Network	R14	4.87R
1	Gain Resistor Network	R15	9.53R
1	Gain Resistor Network	R16	19.6R
1	Gain Resistor Network	R17	39.2R
1	Gain Resistor Network	R18	82R
1	Gain Resistor Network	R19	187R
1	Gain Resistor Network	R20	453R
1	Gain Resistor Network	R21	1.6k
1	Gain Resistor Network	R22	1Meg
1	Gain Resistor Network	R23	1.2R
1	Gain Resistor Network	R24	10R
6		R10	5.6R
		R11	5.6R
		R49	5.6R
		R50	5.6R
		R69	5.6R
		R70	5.6R
2		R35	10R
		R36	10R
1		R37	10R/1W
2		R8	47R
		R33	47R

1	R72	100R
1	R2	120R
2	R45	270R
	R46	270R
1	R47	330R
3	R26	680R
	R27	680R
	R42	680R
4	R9	1k
	R34	1k
	R63	1k
	R78	1k
3	R53	1.2k
	R64	1.2k
	R79	1.2k
1	R77	1.6k
4	R65	1.8k
	R68	1.8k
	R80	1.8k
	R82	1.8k
2	R60	2.2k
	R61	2.2k
4	R4	2.4k
	R6	2.4k
	R29	2.4k
	R31	2.4k
2	R62	3.3k
	R76	3.3k
4	R66	3.6k
	R67	3.6k
	R81	3.6k
	R83	3.6k

1	R75	4.3k
4	R3	4.7k
	R7	4.7k
	R28	4.7k
	R32	4.7k
3	R39	6.8k
	R52	6.8k
	R56	6.8k OMIT / LEAVE ITS SPACE BLANK
	R58	6.8k OMIT / LEAVE ITS SPACE BLANK
	R71	6.8k
2	R59	10k
	R73	10k
1	R41	11k
2	R5	22k
	R30	22k
1	R57	24k
1	R48	47k
1	R40	51k
1	R74	82k
8	R1	100k
	R25	100k
	R38	100k
	R43	100k
	R44	100k
	R51	100k
	R54	100k
	R55	100k
2	R84	120k

**BAG NO:4**

2	INDUCTOR BEAD	L1
	INDUCTOR BEAD	L2
9	TESTPOINT / OUT LO	TP1
	TESTPOINT / OUT HI	TP2
	TESTPOINT / PRE LO	TP3
	TESTPOINT / PRE HI	TP4
	TESTPOINT / -V	TP5
	TESTPOINT / +V	TP6
	TESTPOINT / GND	TP7
	TESTPOINT / PREAMP IN LO	TP8
	TESTPOINT / PREAMP IN HI	TP9

**BAG NO:5**

1	10n	C62	OMIT / LEAVE ITS SPACE BLANK
7	100n/50V	C6	
	100n/50V	C7	
	100n/50V	C43	
	100n/50V	C44	
	100n/50V	C49	
	100n/50V	C50	
	100n/50V	C12	
1	100n/100V	C19	
2	10p	C30	
	10p	C41	
11	22p	C4	
	22p	C5	
	22p	C8	
	22p	C9	
	22p	C31	
	22p	C34	
	22p	C35	
	22p	C45	
	22p	C47	
	22p	C48	
	22p	C42	DO NOT FIT C42, C40 AND VC1 BEFORE
1	47p	C40	READING CMRR TRIMMING PROCEDURE
1	CAPACITOR VARIABLE 6-50pF	VC1	IN THE ASSEMBLY MANUAL, PAGE 23

4	100p/100V	C24
	100p/100V	C25
	100p/100V	C28
	100p/100V	C29

2	CAPACITOR FILTER 100p	CL1
	CAPACITOR FILTER 100p	CL2

1	2.2u/50V	C27
---	----------	-----

1	1000pF/100V	C20
---	-------------	-----

**BAG NO:6**

3	BC560C PNP TRANSISTOR	Q1
	BC560C PNP TRANSISTOR	Q2
	BC560C PNP TRANSISTOR	Q3

USE FINE TIP SOLDERING IRON AND  
THINNER GAUGE SOLDER

2	2N3906 PNP TRANSISTOR	Q4
---	-----------------------	----

1	THAT320 PNP TRANSISTOR ARRAY	U3
---	------------------------------	----

2	NE5532P OPAMP	U4
	NE5532P	U5

	OP275GP	U1
	OP275GP	U2

4	8 PIN DIL SOCKET
1	14 PIN DIL SOCKET

**BAG NO:7**

2	MULTITURN TRIMPOT 10k	VR2
---	-----------------------	-----

DO NOT FIT VR2 BEFORE READING SYMMETRY  
TRIMMING PROCEDURE  
IN THE ASSEMBLY MANUAL, PAGE 20

2	PTC FUSE 200mA	PTC1
	PTC FUSE 200mA	PTC2

**BAG NO:8**

1	22u/63V	C21
7	47u/25V	C38
	47u/25V	C39
	47u/25V	C10
	47u/25V	C11
	47u/25V	C32
	47u/25V	C33
	47u/25V	C46
2	47u/63V	C22
	47u/63V	C23
4	220u/25V	C13
	220u/25V	C14
	220u/25V	C36
	220u/25V	C37
3	470u/25V	C1
	470u/25V	C2
	470u/25V	C3
4	3300u/6.3V	C15
	3300u/6.3V	C16
	3300u/6.3V	C17
	3300u/6.3V	C18

**BAG NO:9**

1	4 POLE LATCHING RED	SW2	PAY ATTENTION TO COLOUR CODED STICKERS
1	4 POLE LATCHING GREEN	SW3	PAY ATTENTION TO COLOUR CODED STICKERS
		SW4	OMIT. JUMPER PADS AS INDICATED IN THE MANUAL
1	4 POLE LATCHING YELLOW	SW5	PAY ATTENTION TO COLOUR CODED STICKERS
1	4 POLE LATCHING RED	SW6	PAY ATTENTION TO COLOUR CODED STICKERS
		SW7	OMIT, LEAVE ITS SPACE BLANK
4	SWITCH CAPS CLEAR		

**BAG NO:10**

1	FADER POTENTIOMETER 10kLG	VR1	
1	LD019B PCB		DO NOT SOLDER BEFORE BACK PLATE ALINGMENT.
2	PIN2 RIGHT ANGLE PIN HEADER	J2A/B	JOINS LD017B TO LD019B
1	GAIN SWITCH	SW1	DO NOT SOLDER BEFORE BACK PLATE ALINGMENT.
1	FADER KNOB		PUSH-ON
1	GAIN KNOB		GRUB SCREW FIXING
1	HEX ALLEN KEY		

**BAG NO:11**

- 1 BACKPLATE
- 2 SCREW M2 x 4mm + WASHER

FIX LD017 MAIN CARD TO BACKPLATE

- 3 SCREW M3 x 6mm + WASHER
- 1 FACEPLATE

FIXES BACKPLATE TO FACEPLATE. FIT THE EXTRA WASHERS OVER SCREWS TO SHORTEN LENGTH.

- 1 LHS SCREENPLATE
- 4 SCREW M3 x 6mm

FIX 2, FIX4, FIX7, FIX9 MAIN CARD TO LHS

- 3 M3 x 23mm LONG HEX PILLAR      FIX3
- M3 x 23mm LONG HEX PILLAR      FIX6
- M3 x 23mm LONG HEX PILLAR      FIX8
- 6 SCREW M3 x 6mm
- 2 SCREW UNC 4-40

FIX TO HOLE FIX3 ON THE MAIN CARD  
FIX TO HOLE FIX6 ON THE MAIN CARD  
FIX TO HOLE FIX8 ON THE MAIN CARD

FIX MODULE TO THE RACK

**BAG NO:12**

- 1 MALE 2 PIN LOCKING HEADER      J3
- 3 3WAY SINGLE ROW HEADER      P1
- 3WAY SINGLE ROW HEADER      P2
- 3WAY SINGLE ROW HEADER      P3
- 3 JUMPER LINKS RED,OPEN

FOR FUTURE USE, NOTHING TO CONNECT

- 1 PIN20 PCB BOX MALE HEADER      J4

- 1 RIBBON CABLE ASSEMBLY

J5

FIX INSTR./ METER CARD TO MAIN CARD