



BUSBAR PIN-OUT					
FUNCTION	TERMINAL	CONDUCTOR NO.	FUNCTION	TERMINAL	CONDUCTOR NO.
INPUT SOLID ENABLE	59	60	MONITOR SOLID ENABLE	59	60
DC	57	58	DC	57	58
B SUPPLY +15V	55	56	PFL AFL DC CONTROL	55	56
-15V	53	54	A SUPPLY -15V	53	54
+15V	51	52	-16V	51	52
-15V	49	50	+16V	49	50
0V	47	48	-16V	47	48
AFL MIX R	45	46	0V	45	46
0V	43	44	0V	43	44
AFL MIX L	41	42	PFL MIX R	41	42
0V	39	40	PFL MIX L	39	40
AUX MIX -	37	38	AUX MIX -	37	38
2	35	36	1	35	36
3	33	34	5	33	34
4	31	32	6	31	32
RIGHT MIX	29	30	0V	29	30
0V	27	28	LEFT MIX	27	28
TRACK MIX 14	25	26	TRACE MIX 1	25	26
2	23	24	13	23	24
4	21	22	15	21	22
16	19	20	3	19	20
18	17	18	5	17	18
6	15	16	17	15	16
8	13	14	19	13	14
20	11	12	7	11	12
22	9	10	9	9	10
10	7	8	21	7	8
12	5	6	23	5	6
24	3	4	11	3	4
MONITOR SOLID DC SUPPLY	1	2	0V	1	2

NOTES

- LAMP TYPE T10 1/4" FESTOON (WATT RATING 24-26W IS NORMALLY FITTED. VARIATION IN LAMP RATING WILL BE ACCOMPANIED BY VARIATION OF POWER RESISTOR SPECIFICATION.
- MAINFRAME DC INLET PCB IS SITUATED BENEATH MODULE PANEL M450. THESE ITEMS MAY BE SITUATED AT ANY POSITION IN THE MAINFRAME.
- ALL MAINFRAME MODULE POSITIONS ARE ELECTRICALLY IDENTICAL. THE BUSBAR ADDRESS HAS 49 POSITIONS. EXTENDER SOCKET NORMALLY LEFT FITTED. ENTIRE ADDRESS MAY BE MOVED ONE POSITION FOR EXTENDER SOCKET TO BECOME RIGHT FITTED.
- UNITS UP TO 544 M400C HAVE BU 0252L VERSION WHICH HAS 12 EXTERNAL TERMINALS. THE CAPACITY IS LIMITED TO 48 PINS. NOT SUITABLE FOR EXTENDED LARGE FRAMES. USE POW RPS2.
- EXTENDER DC INLET PCB NORMALLY LEFT FITTED. RIGHT FITTING IS POSSIBLE AND REQUIRES NO OTHER PUBLICATIONS.
- MUTE PROCESSOR HARDWARE IS STANDARD ON IN LINE M470 MODULE COUGLES. SSR HARDWARE OMITTED. M.P. SCHEMATICS ARE IN SECTION 12. ONE SLAVE PCB FOR EVERY 4 M470.
- AHB AUTO MUTE OPTION MAY BE FITTED IN MAIN AND EXTENDER FRAMES. ONE OFF MASTER PCB LOCATED AT GEAR END BY RH END ONE SLAVE PCB IS FRAMED FOR EVERY BLOCK OF EIGHT MODULE POSITIONS.
- DC CONNECTORS FOR MAIN AND EXTENDER ARE IDENTICAL AND IN PARALLEL.
- FOR 'SHADALOX' OPERATION OF EXTENDER FIT B UNES TO PCB AND MOVE JUMPER SO 6A/6B CONNECTS TO DC BWAY PIN 3.

NOTES

UNIT TITLE

AHB SIGMA SERIES

DRAWING TITLE

FRAME INTERCONNECTIONS

AHB

ALLEN & HEATH BRENNELL LTD.
PROFESSIONAL AUDIO EQUIPMENT
MANUFACTURERS

DESIGN DEPT 68, SHIP STREET, BRIGHTON BN1 1AE TEL 0273 21878
FACTORY KERNICK INDUSTRIAL EST, PENRYN, CORNWALL, TR 932W 72070

DRAWING NO. MBD 181

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