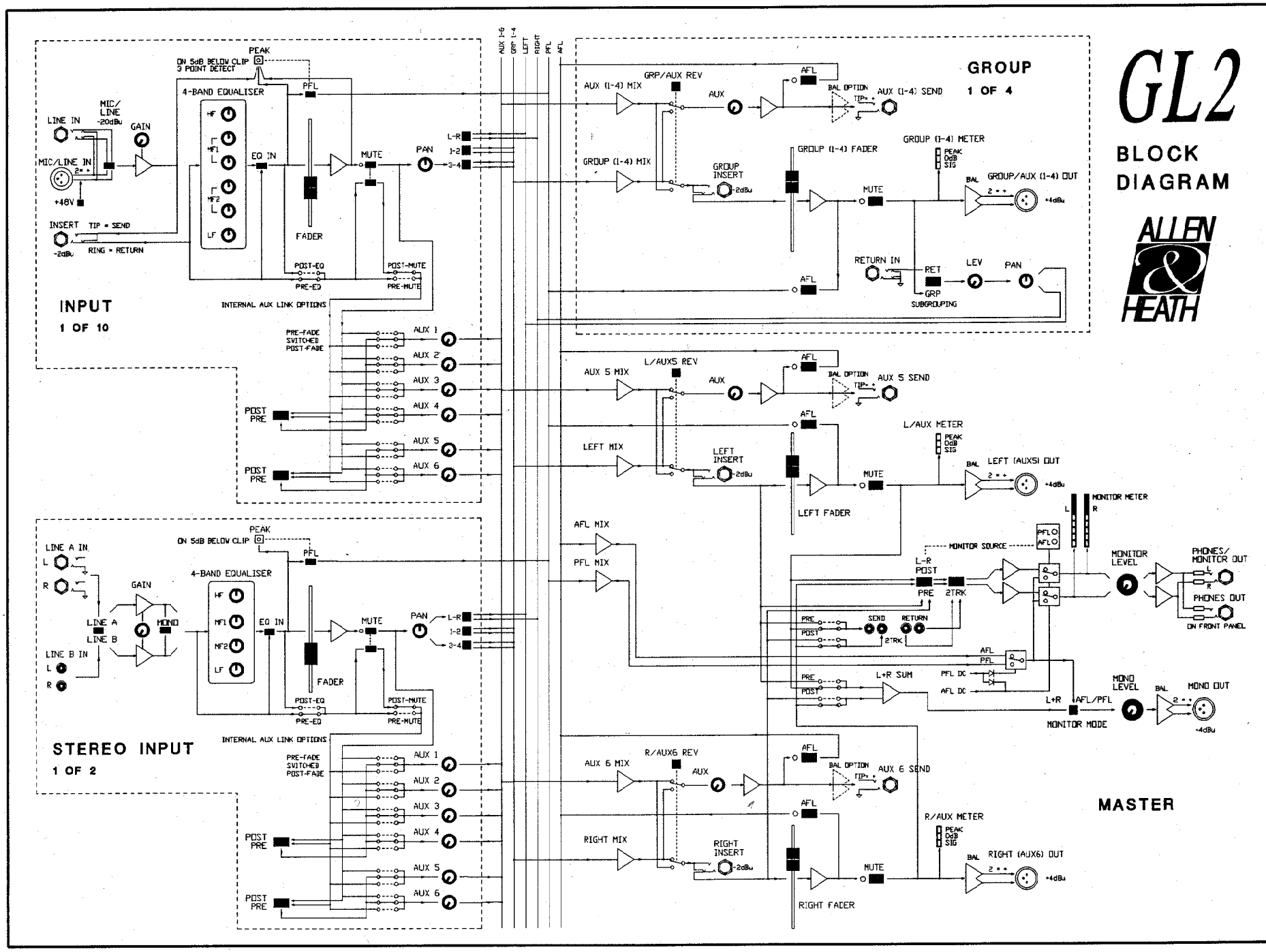
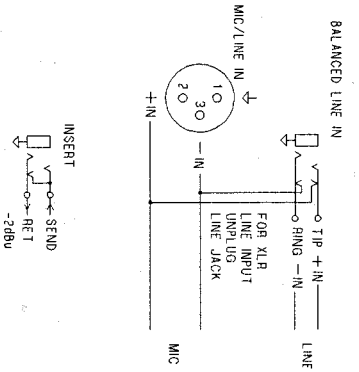
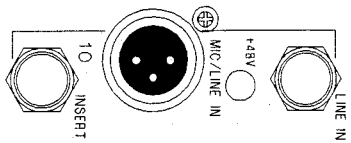
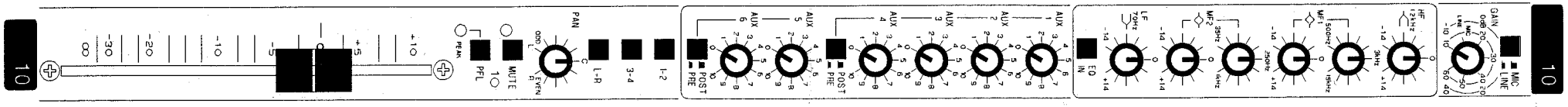
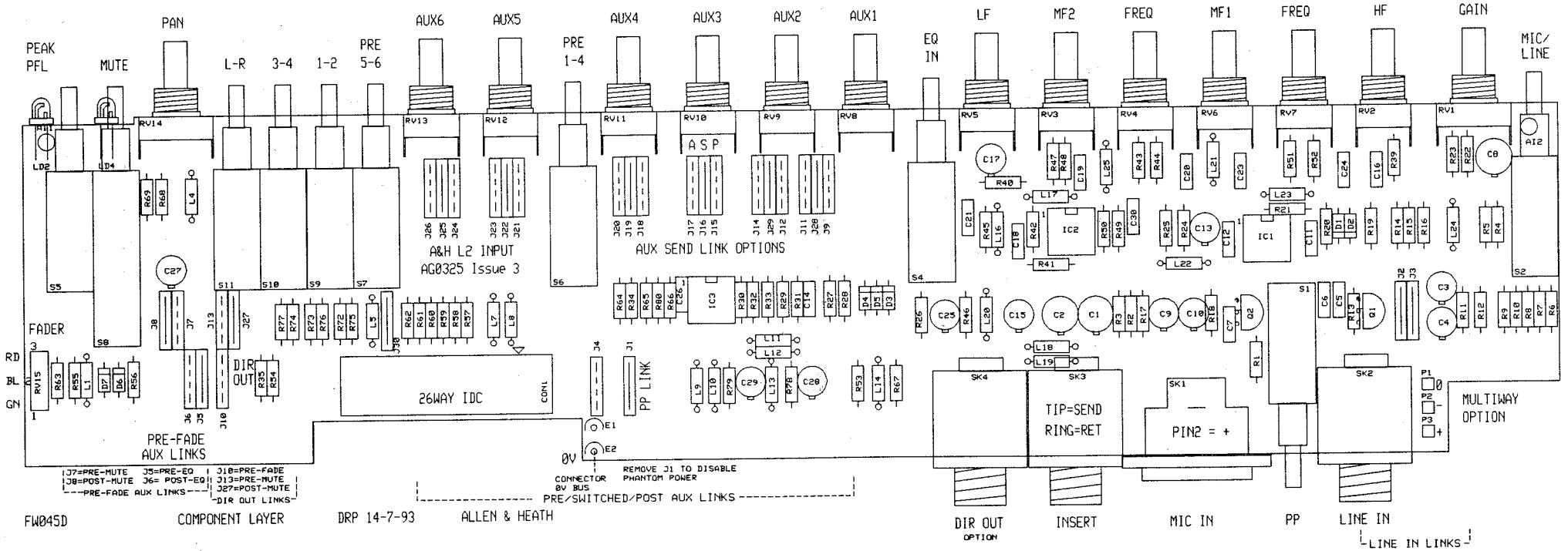

GL2
BLOCK DIAGRAM
ALLEN & HEATH
INPUT
1 OF 10
STEREO INPUT
1 OF 2
GROUP
1 OF 4
MASTER
PEAK
ON 5dB BELOW CLIP
3 POINT DETECT
4-BAND EQUALISER
LINE IN
MIC/LINE IN
MIC/LINE -20dBu
GAIN
+48V
INSERT
TIP = SEND
RING = RETURN
-2dBu
HF
MF1
MF2
LF
EQ IN
PFL
FADER
MUTE
PAN
L-R
1-2
3-4
POST-EQ
PRE-EQ
POST-MUTE
PRE-MUTE
INTERNAL AUX LINK OPTIONS
PRE-FADE
SWITCHED
POST-FADE
AUX 1
AUX 2
AUX 3
AUX 4
AUX 5
AUX 6
POST
PRE
LINE A IN
LINE B IN
LINE A
LINE B
MONO
AUX 1-6
GRP 1-4
LEFT
RIGHT
PFL
AFL
GRP/AUX REV
AUX (1-4) MIX
AUX
AUX (1-4) SEND
BAL OPTION
TIP+
GROUP (1-4) MIX
GROUP INSERT
+2dBu
GROUP (1-4) FADER
GROUP (1-4) METER
PEAK
OdB
SIG
BAL
GROUP/AUX (1-4) OUT
+4dBu
RETURN IN
RET
LEV
PAN
GRP
SUBGROUPING
L/AUX5 REV
AUX 5 MIX
AUX 5 SEND
LEFT MIX
LEFT INSERT
LEFT FADER
L/AUX METER
LEFT (AUX5) OUT
R/AUX6 REV
AUX 6 MIX
AUX 6 SEND
RIGHT MIX
RIGHT INSERT
RIGHT FADER
R/AUX METER
RIGHT (AUX6) OUT
AFL MIX
PFL MIX
MONITOR METER
MONITOR SOURCE
PFLO
AFLO
L-R POST
PRE
2TRK
SEND
RETURN
MONITOR LEVEL
PHONES/ MONITOR OUT
PHONES OUT
ON FRONT PANEL
L+R SUM
PFL DC
AFL DC
L+R
AFL/PFL
MONITOR MODE
MONO LEVEL
MONO OUT

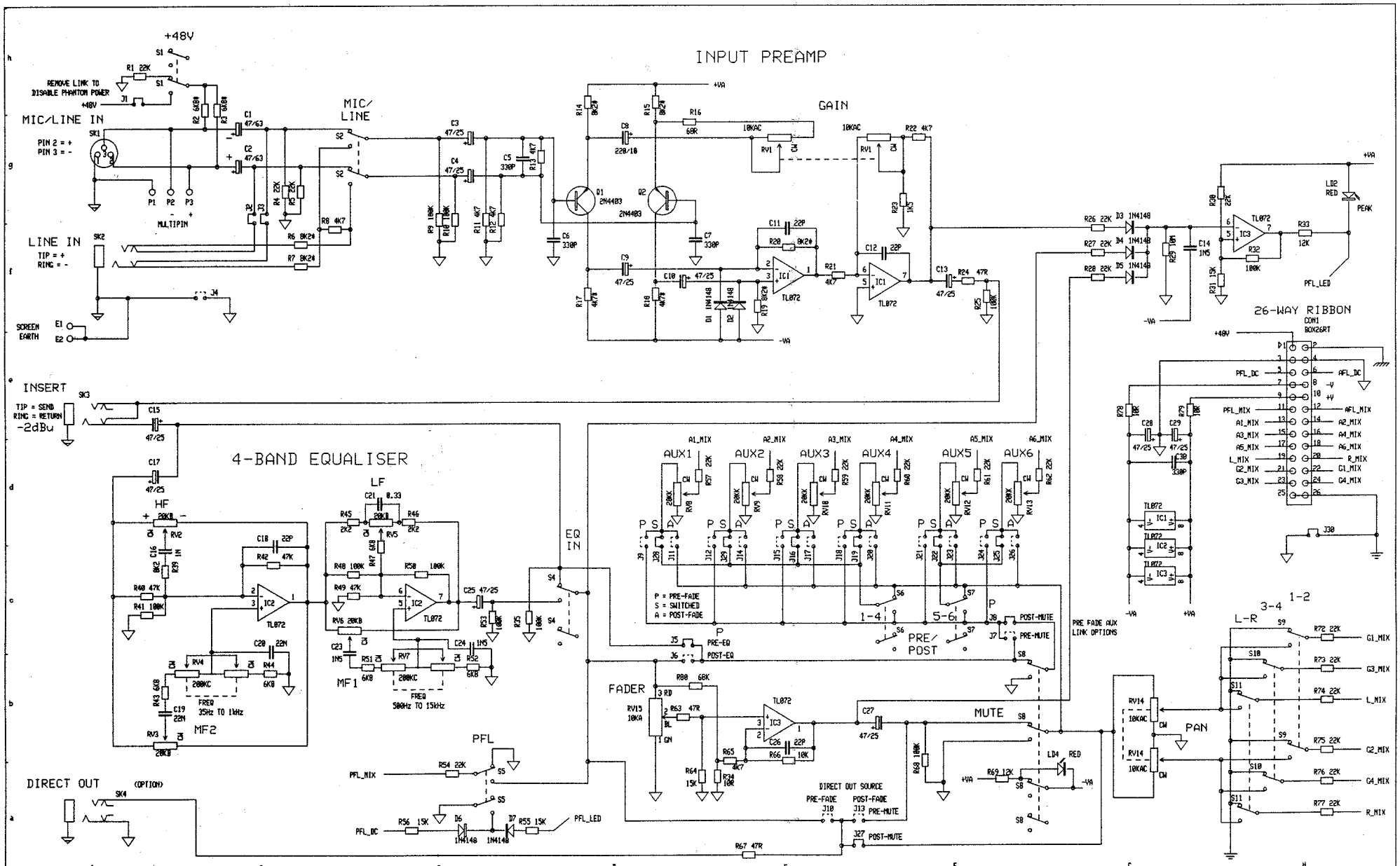
INPUT CHANNEL











ISS.	REVISION	BY	DATE
P1	ORIGIN	CD	12-5-93
1		DRP	21-7-93

NOTES

1. RESISTORS MARKED # ARE 1%
   ALL OTHERS ARE 5% 1/4W UNLESS OTHERWISE MARKED
2. ELECTROLYTIC CAPACITORS ARE µF/VOLTS

UNIT TITLE: GL2

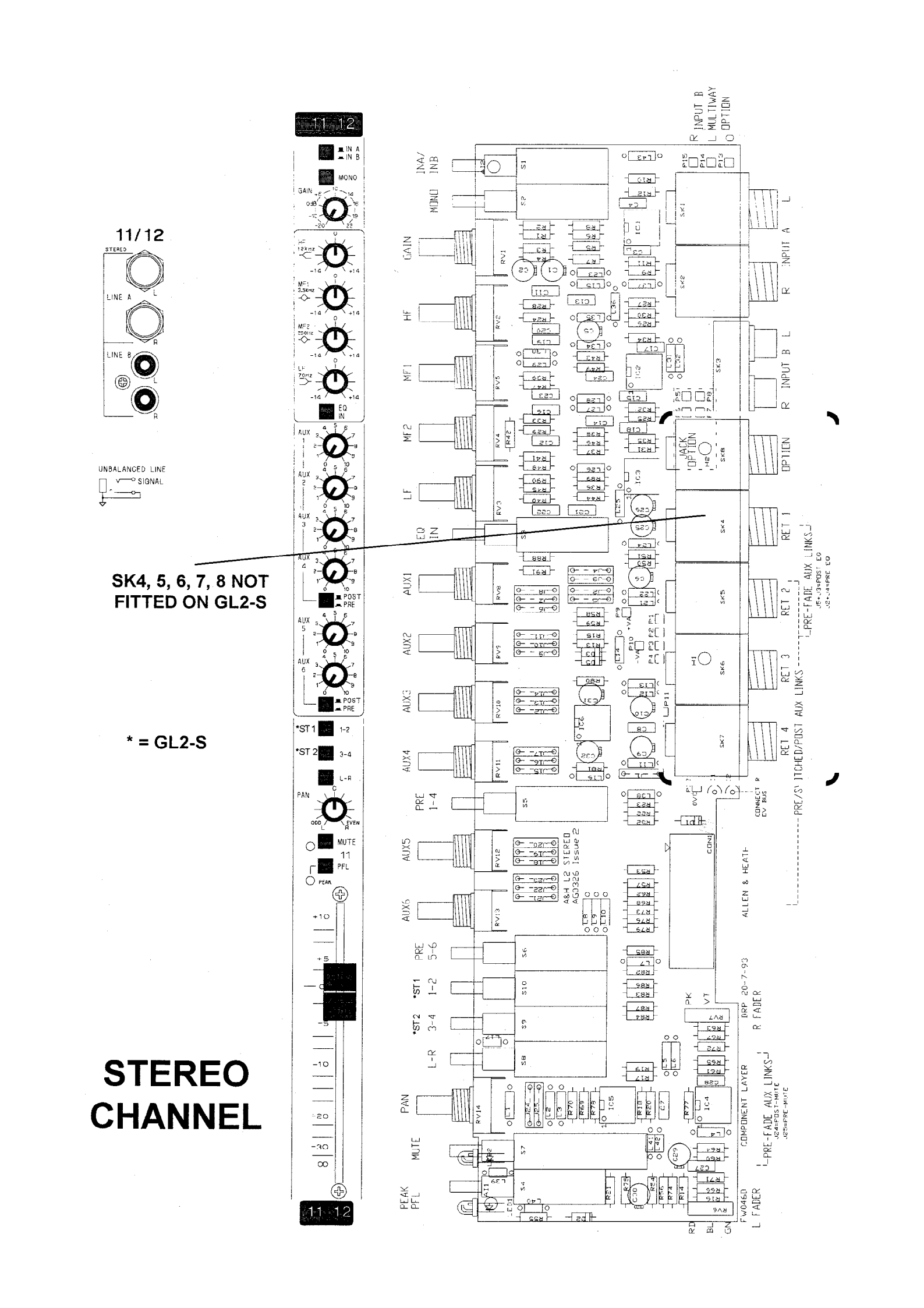
DRAWING TITLE: INPUT CIRCUIT DIAGRAM

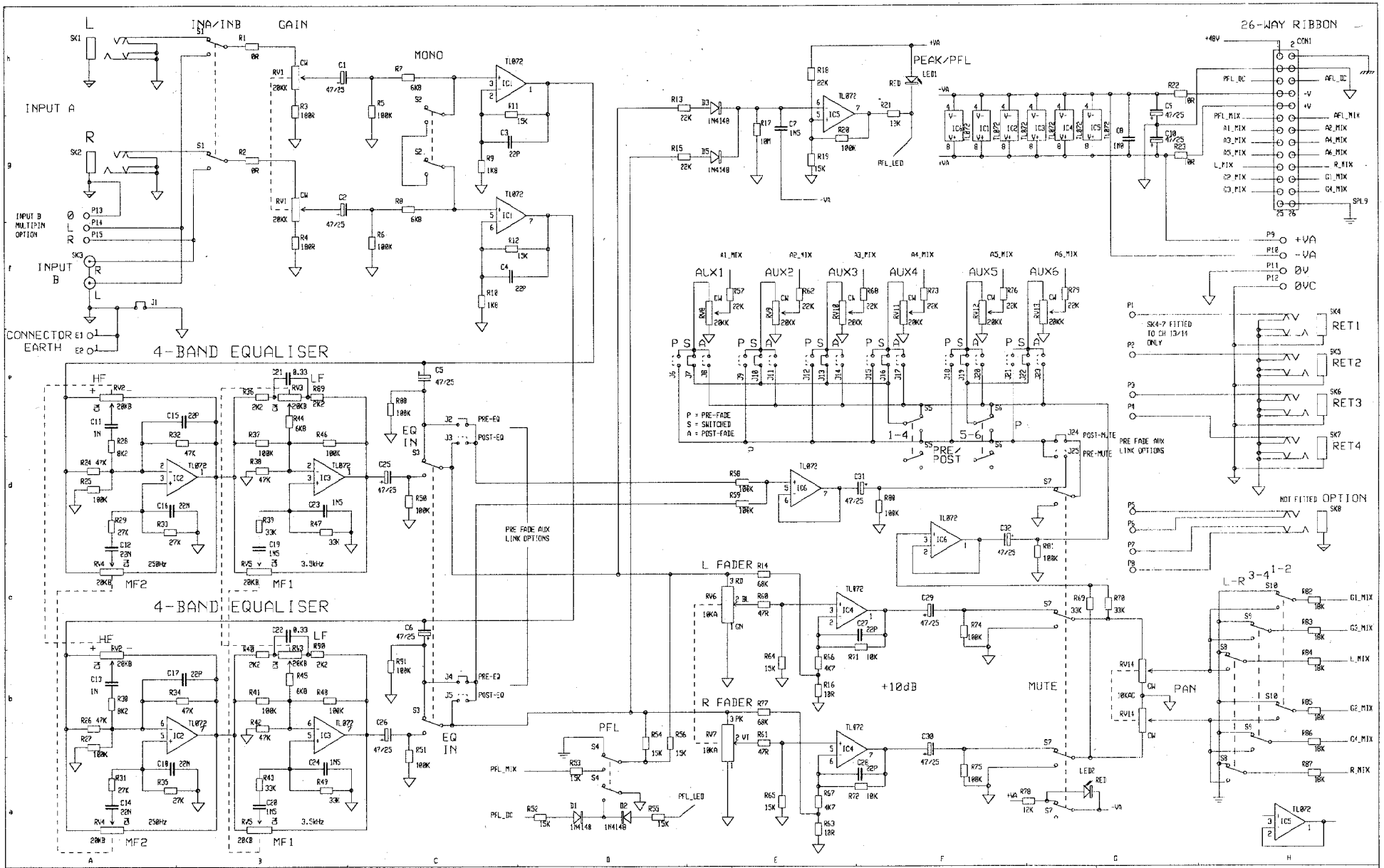
PCB TYPE AG0325

MANUFACTURED IN ENGLAND BY

ALLEN & HEATH

DRAWING No. D222 ISSUE 1


11/12
STEREO
LINE A
L
R
LINE B
L
R
UNBALANCED LINE
SIGNAL
SK4, 5, 6, 7, 8 NOT FITTED ON GL2-S
* = GL2-S
STEREO CHANNEL
11 12
IN A
IN B
MONO
GAIN
HF
12kHz
MF1
3.5kHz
MF2
350Hz
LF
70Hz
EQ IN
AUX 1
AUX 2
AUX 3
AUX 4
AUX 5
AUX 6
POST
PRE
*ST1 1-2
*ST 2 3-4
L-R
PAN
ODD
EVEN
MUTE
11
PFL
PEAK
+10
+5
0
-10
-20
-30
∞
INA/
INB
MONO
GAIN
HF
MF1
MF2
LF
EQ
IN
AUX1
AUX2
AUX3
AUX4
PRE
1-4
AUX5
AUX6
PRE
5-6
*ST1
1-2
*ST2
3-4
L-R
PAN
MUTE
PEAK
PFL
R INPUT B
L MULTIWAY
O OPTION
R INPUT A L
R INPUT B L
OPTION
RET 1
RET 2
RET 3
RET 4
JACK
OPTION
PRE-FADE AUX LINKS
PRE/SWITCHED/POST AUX LINKS
A&H L2 STEREO
AG0326 Issue 2
ALLEN & HEATH
DRP 20-7-93
R FADER
L FADER
COMPONENT LAYER
FW0460
PRE-FADE AUX LINKS
J24=POST-MUTE
J25=PRE-MUTE
CONNECT P
CV BUS
RD
BL
GN



ISS.	REVISION	BY	DATE
P1	ORIGIN	DRP	2-6-93
1		DRP	21-7-93

NOTES

1. RESISTORS MARKED * ARE 1%. ALL OTHERS ARE 5% 1/4W UNLESS OTHERWISE MARKED
2. ELECTROLYTIC CAPACITORS ARE µF/VOLTS

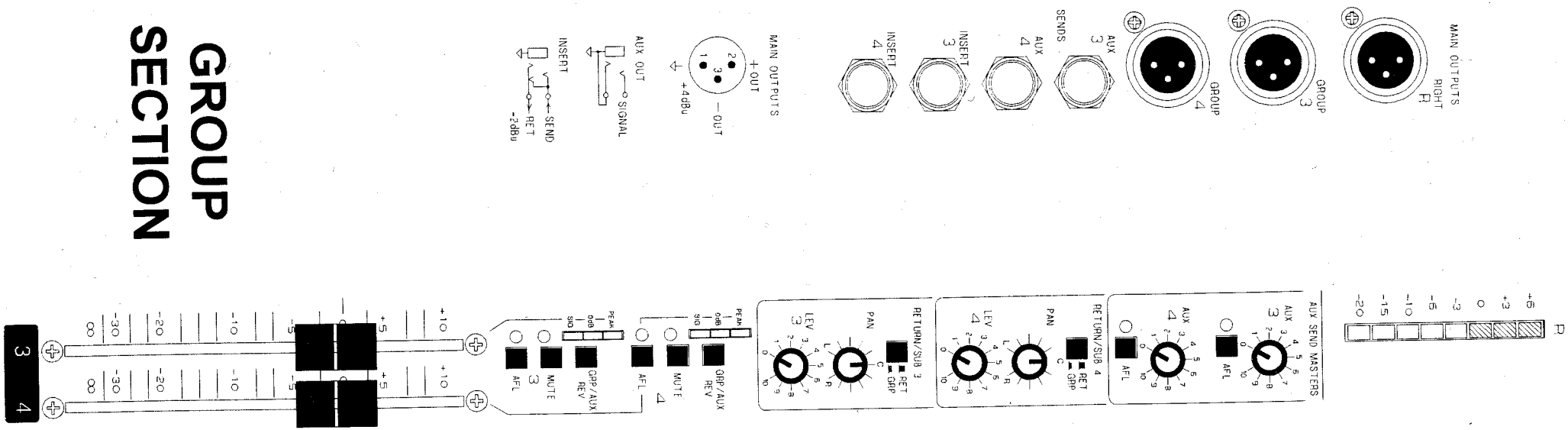
UNIT TITLE: GL2

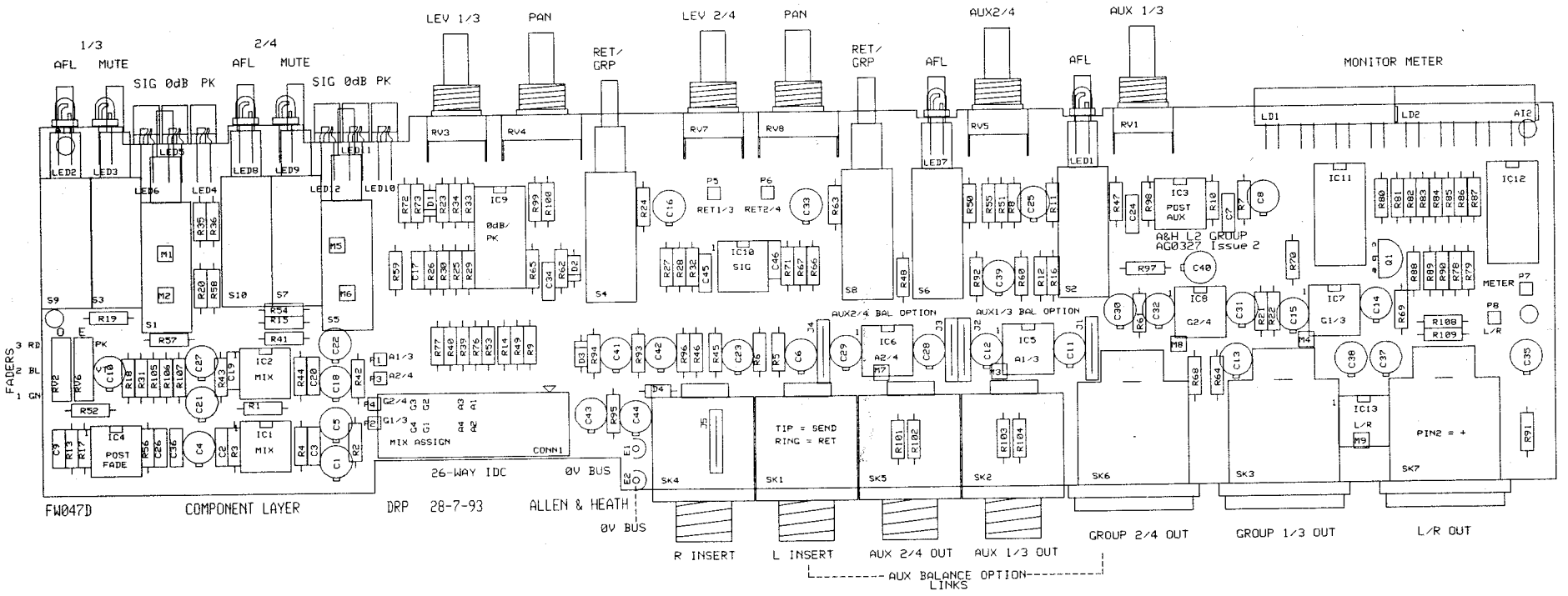
DRAWING TITLE: STEREO CIRCUIT DIAGRAM
PCB TYPE AG0326

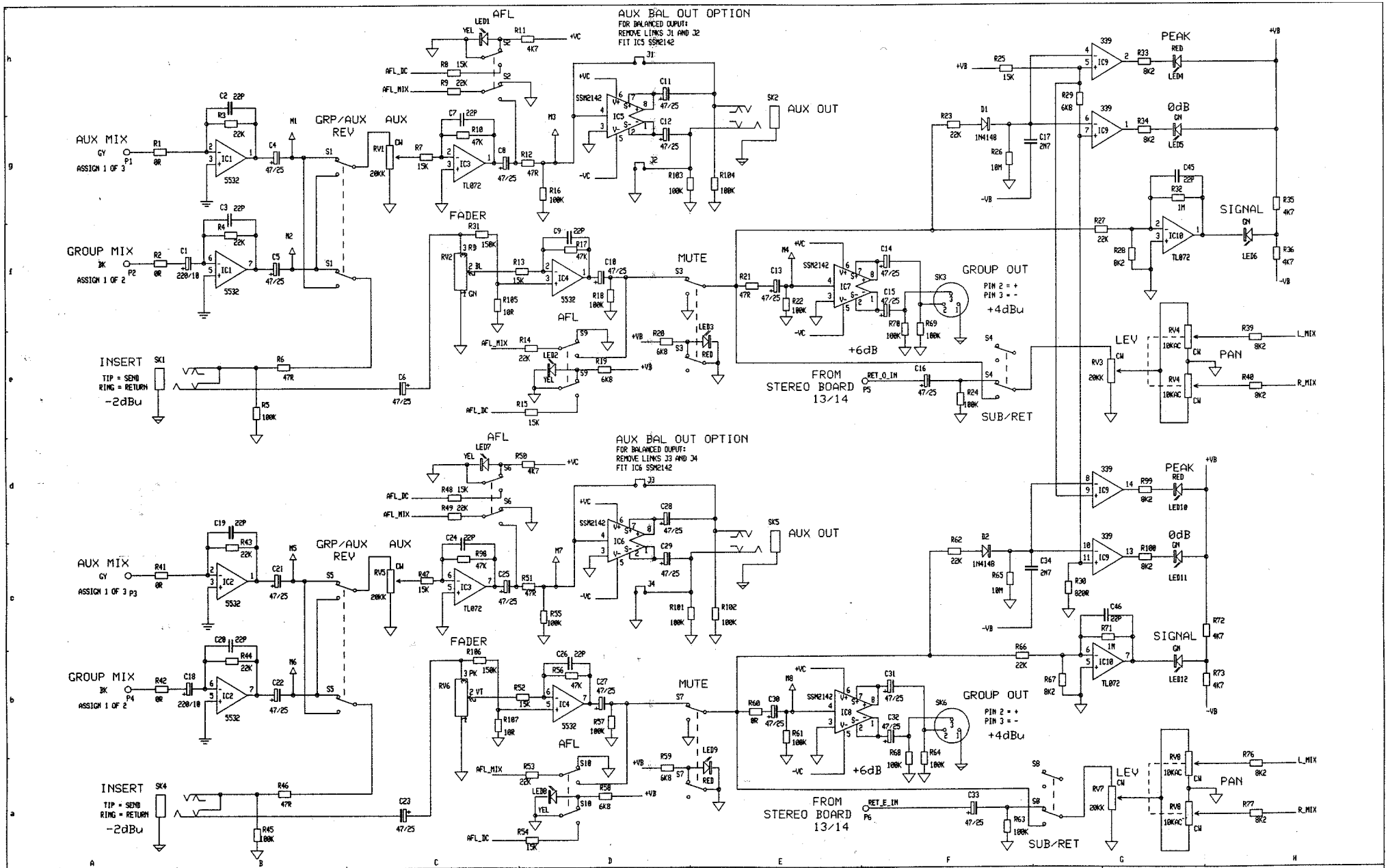
MANUFACTURED IN ENGLAND BY
ALLEN & HEATH

DRAWING No. D223 ISSUE 1 A2

GROUP SECTION







ISS.	REVISION	BY	DATE
P1	ORIGIN	DRP	4-6-93
1		DRP	30-7-93

NOTES

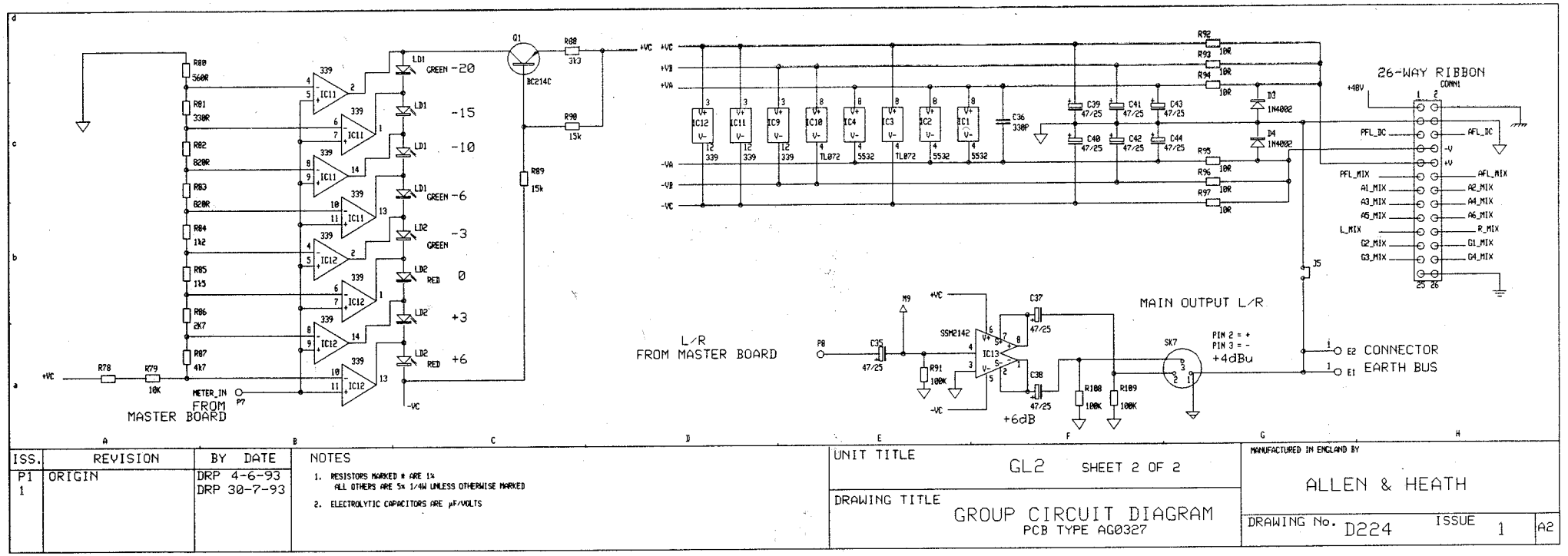
1. RESISTORS MARKED # ARE 1%
   ALL OTHERS ARE 5% 1/4W UNLESS OTHERWISE MARKED
2. ELECTROLYTIC CAPACITORS ARE µF/VOLTS

UNIT TITLE: GL2 SHEET 1 OF 2

DRAWING TITLE: GROUP CIRCUIT DIAGRAM
PCB TYPE AG0327

MANUFACTURED IN ENGLAND BY
ALLEN & HEATH

DRAWING No. D224 ISSUE 1 A2



ISS.	REVISION	BY	DATE
P1	ORIGIN	DRP	4-6-93
1		DRP	30-7-93

NOTES

1. RESISTORS MARKED * ARE 1%
   ALL OTHERS ARE 5% 1/4W UNLESS OTHERWISE MARKED
2. ELECTROLYTIC CAPACITORS ARE µF/VOLTS

UNIT TITLE GL2 SHEET 2 OF 2

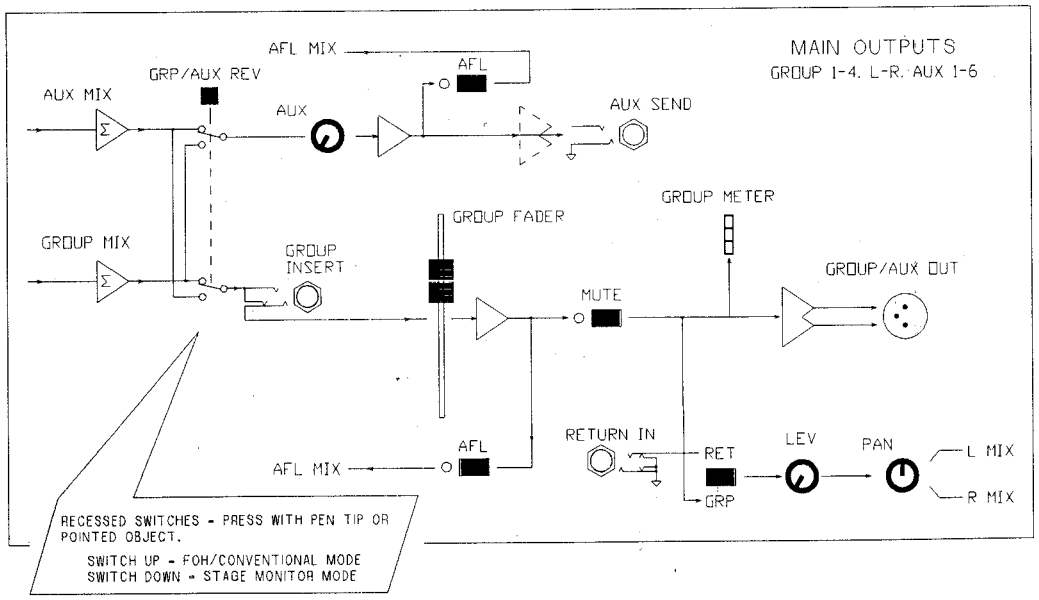
DRAWING TITLE GROUP CIRCUIT DIAGRAM
PCB TYPE AG0327

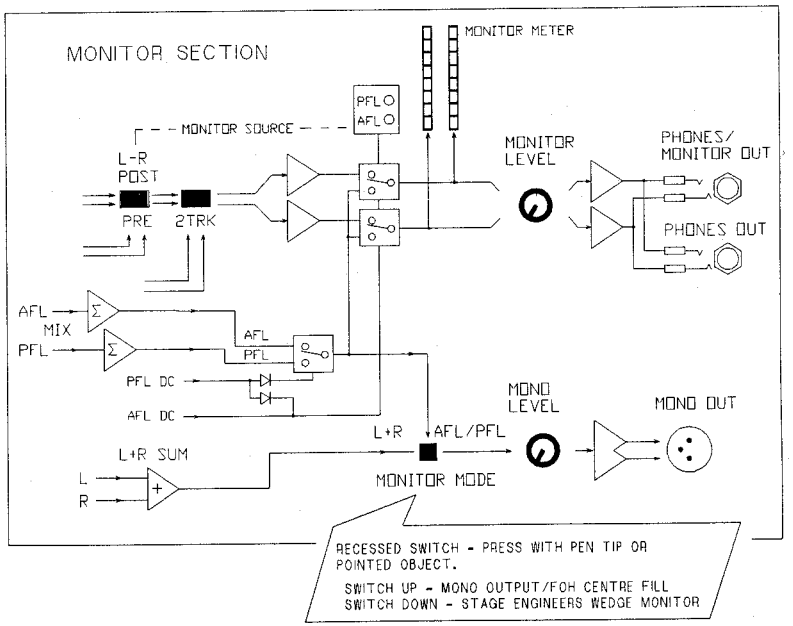
MANUFACTURED IN ENGLAND BY
ALLEN & HEATH

DRAWING No. D224 ISSUE 1 A2

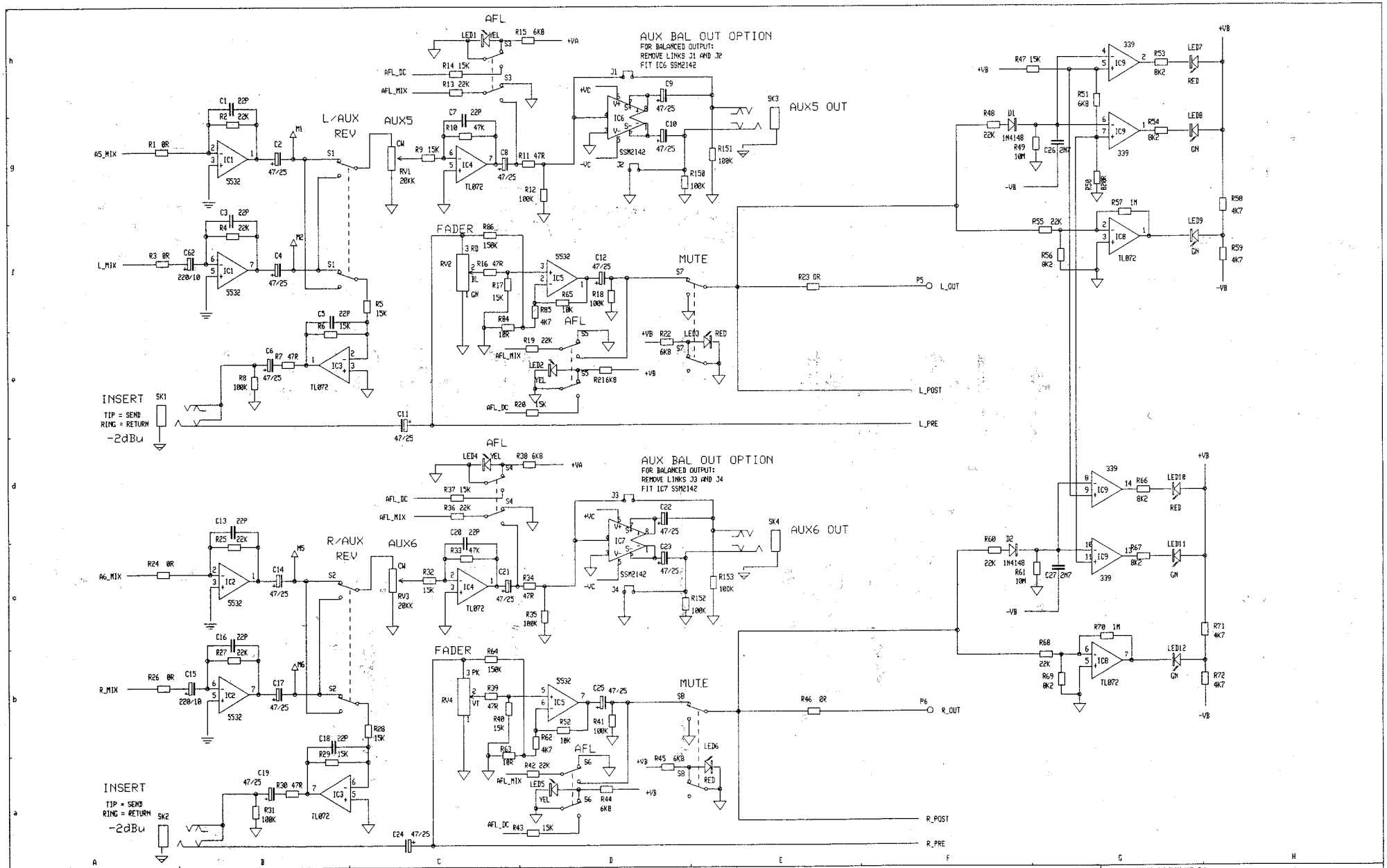
MODE SWITCHING

These simplified block diagrams illustrate the Group, L/R and Mono signal path switching which configures the ***GL2*** for F.O.H or stage MONITOR use.





MASTER SECTION



ISS.	REVISION	BY	DATE
P1	ORIGIN	CD	8-6-93
1		DRP	30-8-93

NOTES

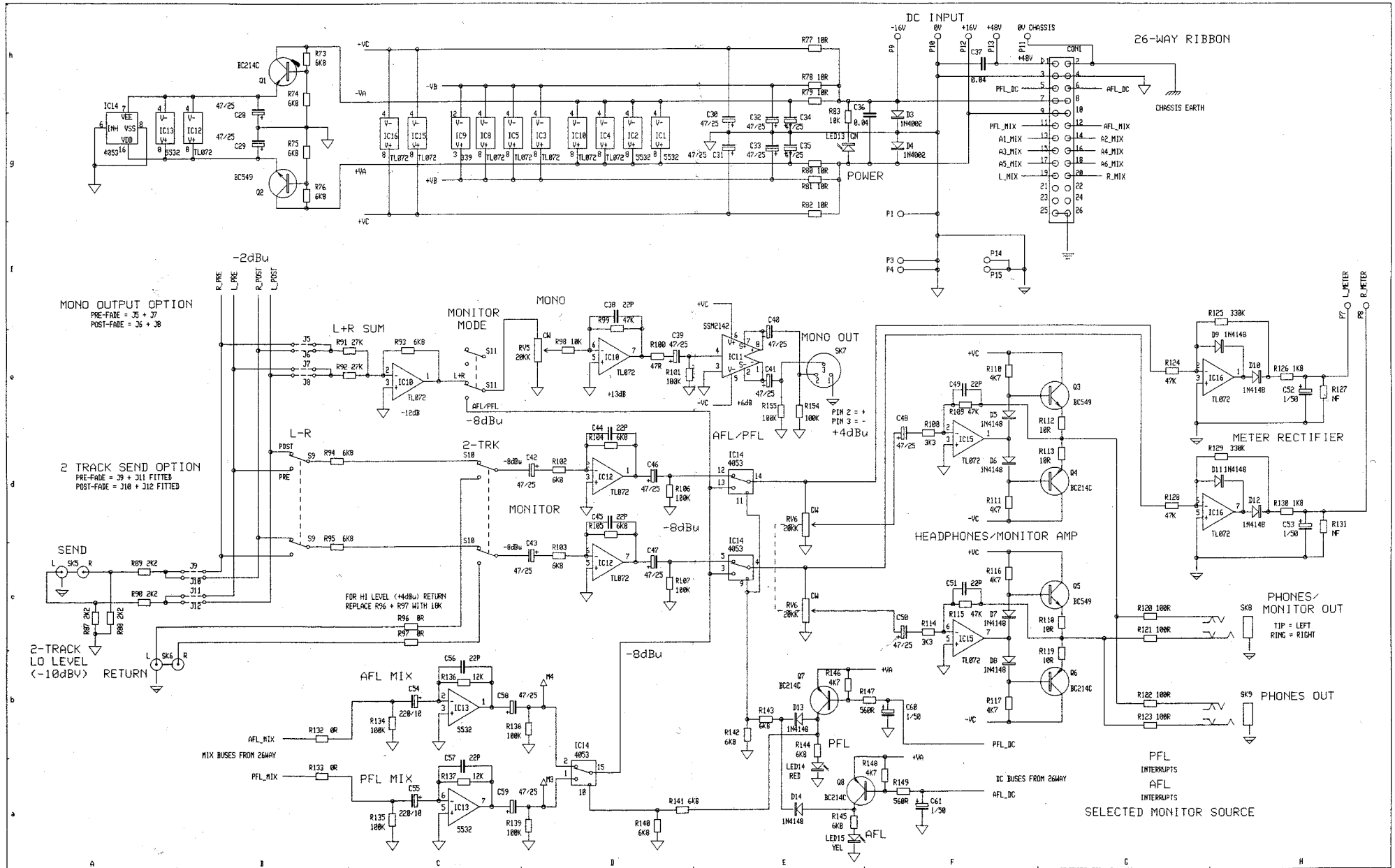
1. RESISTORS MARKED * ARE 1%
   ALL OTHERS ARE 5% 1/4W UNLESS OTHERWISE MARKED
2. ELECTROLYTIC CAPACITORS ARE µF/VOLTS

UNIT TITLE: GL2 SHEET 1 OF 2

DRAWING TITLE: MASTER CIRCUIT DIAGRAM
PCB TYPE AG0328

MANUFACTURED IN ENGLAND BY
ALLEN & HEATH

DRAWING No. D225 ISSUE 1 A2



ISS.	REVISION	BY	DATE
P1	ORIGIN	CD	8-6-93
1		DRP	30-8-93

NOTES

1. RESISTORS MARKED * ARE 1%
   ALL OTHERS ARE 5% 1/4W UNLESS OTHERWISE MARKED
2. ELECTROLYTIC CAPACITORS ARE µF/VOLTS

UNIT TITLE: GL2 SHEET 2 OF 2

DRAWING TITLE: MASTER CIRCUIT DIAGRAM
PCB TYPE AG0328

MANUFACTURED IN ENGLAND BY
ALLEN & HEATH

DRAWING No. D225 ISSUE 1 A2