DRG NO.
ED4190-06A

MIC PRE-AMP

INPUT GAIN

+48V
+48v
SW1-A SPUJ-2P-L
SW1-B SPUJ-2P-L
RCON PANEL +48v
LED4 RED
LED1 RED
PK_LED
R19 1K8
R16 100K
R17 6K8
R18 6K8
AGND
-20dB
SW2-A
SW2-B
R206 0R
TX1 LL1527 NOT FITTED
TX OPTION
OPTIONAL TX
R207 0R
R215 2K
R75 220R
R76 220R
R214 2K
R168 1K
C74 47uF 63V
C79 1nF 63V
C59 1nF 63V
C78 47uF 63V
C77 100pF 100V
C73 100pF 100V
NC3FA-HL FEMALE
MIC INPUT
CN11
PHASE
SW3-A
SW3-B
R77 20K
R78 20K
C30 47uF 25V
C31 47uF 25V
D5 1N4148
D4 1N4148
TR4 2SB737
TR8 2SB737
R79 15K
R80 8K2
R104 47K
R155 15K
R183 3K6
C60 47uF 25V
IC8-A TL072
R169 3K6
C45 12pF 100V
VR1-A 5KRD
VR1-B 5KRD
R21 33R
R20 10R
D1 1N4148
C32 1000uF 6V3
C33 1000uF 6V3
D6 1N4148
D2 1N4148
R108 47K
C53 12pF 100V
IC8-B TL072
R184 3K6
R107 8K2
R105 15K
R106 8K2
R81 8K2
V1+
V1-

VR1-C VR2-C

IC8-C TL072
IC6-C TL072
IC18-C TL072
IC5-C TL072
C38 100nF 50V
C61 100nF 50V
LOCAL TO IC8

FILTER
SW4-B LATCHING SPUN-2P-L
SW4-A SPUN-2P-L
FREQ
30 to 400Hz
PRE_FILT TO DIRECT O/P
PREAMP_OUT TO INSERT SEND
C20 12pF 100V
C16 100uF 10V
R69 4K7
IC6-A TL072
R70 4K7
C25 12pF 100V
R32 2K
R31 2K
R30 15K
C6 22nF 63V
C7 22nF 63V
VR2-A 200KC
VR2-B 200KC
IC6-B TL072
C8 47uF 25V
R65 4K7
R66 4K7
R33 4.7K
R1 15K

I/O BUFFERS

NRJ6HM-1-AU SND
INSERT SEND
R103 75R
C24 100pF 100V
R68 75R
C37 100pF 100V
C67 100pF 100V
C58 100pF 100V
C18 100pF 100V
C19 100pF 100V
R63 75R
C76 100pF 100V
R209 10K
IC18-B TL072
R210 10K
C80 100uF 10V
PREAMP_OUT
NRJ6HM-1-AU RET
INSERT RETURN
R166 10K
R204 10K
IC18-A TL072
C70 12pF 100V
R167 10K
C71 47uF 25V
PRE_EQ TO SHT 2
R205 10K
C75 12pF 100V
R211 47K
NRJ6HM-1-AU DIR
DIRECT OUTPUT
C9 100pF 100V
R60 10K
IC5-A TL072
R64 75R
R34 10K
R59 4K7
SW5-A LATCHING
SW5-B LATCHING
R217 0R
PRE SOURCE SELECT
R216 NOT FITTED
PRE_FILT
DIRECT POST
R212 0R
POST_FADE FROM SHT 2
POST SOURCE SELECT
R213 NOT FITTED
PRE_FADE_LISTEN FROM SHT 2
R221 10K

MOTHERLOOM

CN1
IDC50RL
R178 10R
+48V
C48 47uF 63V
STE_GCOMP
AUX_1_BUS
AUX_2_BUS
AUX_3_BUS
AUX_4_BUS
G1_BUS+
G1_BUS-
G2_BUS+
G2_BUS-
G3_BUS+
G3_BUS-
G4_BUS+
G4_BUS-
G5_BUS+
G5_BUS-
G6_BUS+
G6_BUS-
G7_BUS+
G7_BUS-
G8_BUS+
G8_BUS-
AUX_5_BUS
AUX_6_BUS
AUX_7_BUS
AUX_8_BUS
AUX_9_BUS
AUX_10_BUS
AUX_11_BUS
AUX_12_BUS
GCOMP
CENTRE_BUS+
CENTRE_BUS-
MIX_L_BUS+
MIX_L_BUS-
MIX_R_BUS+
MIX_R_BUS-
SOLO_L_BUS+
SOLO_L_BUS-
SOLO_R_BUS+
SOLO_R_BUS-
AFL_MODE

PEAK DETECTOR

V1+
PK_LED FROM 48V LED
R222 33R
C39 2.2uF 50V
LED2 RED
R189 330K
PREAMP_OUT
D11 1N4148
PRE_FADE FROM SHT 2
D10 1N4148
R156 130K
TR6 BC546B
R95 10K
TR9 BC546B
EQ_LED TO SHT 2
AGND

FADER/CONTROL/POWER

CN2
HDR 2MM RA MALE
+17V
-17V
R203 10R
R165 10R
C84 47uF 25V
C85 47uF 25V
V1+
V1-
AGND
CV
SOLO
METER
CHMUT

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SOUNDCRAFT
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NOTES

03B TO 04A:-

ADD SEPERATE GND COMP BUS AND RESISTOR (R151) FOR STEREO AUXES

D7 CHANGE TO 2V7 ZENER

DRN. CLIFF B
DATE 12/12/02
MASTER IF RED

CN No.	INITIAL	DATE	ISSUE
Pre Prod	CLIFF B	10/07/02	02A
Pre Prod	CLIFF B	08/10/02	03A
Pre Prod	CLIFF B	23/10/02	03B
Pre Prod	CLIFF B	12/12/02	04A
ECNS220	RNJS	12/02/03	05A
ECNS220	RNJS	13/02/03	06A

TITLE MH3
MONO INPUT
PRE-AMP / HP FILTER / INSERT / DIRECT OUT / PEAK

DRG NO. ED4190-06A
SHT. 1 OF 3