TO BASE Q115

BIAS REG.

TO BASE Q116

R307 510 Q306 110117 C304 01

R301 1K Q305 110044

R306 1K Q307 110044

R308 510

150 VRMS

+28.6 X

40VRMS 200W@8OHMS

CH.A SHOWN ONLY

R111 8.2K

R109 OFFSET ADJ 1K

0.1 250V C103

IN4148 D103

IN4148 D101

CR101 5.1V 2%

R113 8.2K

C105 100 50V

R115 3.9K 1W M.F.

R119 1.8K

C113 0.1 250V

620

Q107 S1376 11-0083A

C111 47p

D109 UG2101

Q103 S 1375

IN4148 D107

C115 470p

C109 22p

R107 5.1K

Q101 11-0044 M BC 237B

Q105 11-0044M BC237B

C107 100 10V

(2)IN4148 D105 D104

R114 6.8K ½W SEL.

R117 270K

R121 100K

R118 100K

INPUT

GND

GND

R101 1M

1K

R103

C101 100 10V

R101 100K

R102 1.8K SEL.

240 ½W

R104 100K

C102 100 10V

C104 680p

Q102 BC 307B 11-01117 M

Q106 BC 307B 11-01117M

R106 5.1K

C106 100 10V

C108 22P

QUIESCENT CURRENT ADJ

Q104 S 1376

IN4148 D102

C110 47p

D106 UG2101

Q108 11-0080A S1375

R120 620

R112 1.8K

R110 3.9K 1W M.F.

C112 0.1 250V

GAIN SWITCH

-12dB

-6dB

-3dB

0dB

R201 1.3K

R202 200

R203 111

22-0108 DRIVE BD. ASSY.

R127 10 ½W

R135 100

Q111 11-0149

R131 390

R133 100

C125 .0022 100V

C128 0.1 250V

C301 0.1 250

R129 150

C119 0.1 100V

C121 100 10V

D111 IN4148

C123 100 10V

C127 220 16V

R141 300 1W M.F.

R136 3.9K ½W

D108 IN4148

C120 100 10V

C126 220 16V

R142 300 1W M.F.

C116 0.1 100V

R128 150

C118 100 10V

Q112

R130 470

R132 100

R134 100

R126 10 1W M.F.

R124 10 ½W

C122 .0022 100V

R138 1K 1W M.F.

C124 0.1 250V

R139 750 2W

R145 100 1W M.F.

Q113 S-1236 11-0150

Q303 11-0139 SAE 1

Q301 11-0139 SAE 1

Q115 11-0150

R143 62 1W M.F.

IN 4004 D112

IN 4004 D110

Q111 11-0151

Q110

Q114 11-0151 S-1237

R140 750 2W

R144 100 1W M.F.

Q302 SAE2 11-0140

Q304 SAE2 11-0140

C302 0.1 250V

22-0109 MAIN BD. ASSY.

+80V

-80V

TO CH.B

TO CH. B

C1 16800 75V

C2 16800 75V

BIAS REG.

R301 1K

R303 0.125 10W

L301 2mH

R305 2.2Ω 2W

C303 10

R304 0.1 250V

R302 0.125 10W

C303 0.1 250V

POWER ON

15-0113 T-1

RED

BLK

GRY

BRN

RED

WHT

BLK

PL 1-8-47

FAN

C406 0.1 250V

C407 0.1 250V

OUT TO LOAD METER

TO CH.B RELAY COIL

RELAY

TO +80V

TO CH.B

D401 IN4004

Q401 11-0080A

R401 1K 5W

R402 100K

C401 100 50V

R403 100K

R404 150

Q402 11-0044M

100 (R405)

C402

C403 100 50V(2)

R406 10K

C405

C404 50V(2)

Q403 11-0044M

Q404 11-0083A

R407 100K

RELAY BD ASSY

22-0095

22-0110 METER BD. ASSY.

POWER METER

D201 IN4148

(4) IN-283 D202-5

25K R204

12K R205

15K R206

6.8K R207

5K R208

7.5K R209

1K R210

1.5K R211

B A 0dB

B A -6dB

B A -12dB

B A -24dB

METER SWITCH

FROM A

EXPORT 240V

RED

BLK

BRN

SEC

BRN-WH

240V

RED

WH-BLK

6.3V

WH

WH

T-1

BLK

15-0114

240V FUSE: 5A.MDL

EXPORT 120V

RED

BLK

BRN

SEC

BRN-WH

120V

RED

WH-BLK

6.3V

WH

WH

T-1

BLK

15-0114

TENSION

SCIENTIFIC AUDIO ELECTRONICS

SAE

APVD

TITLE SCHEMATIC MK.2B

DRWN JK

DATE AUG 22,'75

ZONE NONE

ORD

SHT 3 OF 3