INPUT

PHANTOM

-20dB Pad

Polarity

Record Board

B++

R13 27k

R6 100k

C1 .15

R10 100k

C4 .047

C2A 33u

.47u

12AX7

V1B

V1A

GAIN 100k

CAL 250k

R8 1M

R7 2.7k

R11 3.3k

R104 6.81K

R105 6.81K

R106 200

C101 47u

47v

+12V

R107 470

Replaces Record Indicator Lamp

R102 619

R101 169

R103 619

T1

6T1

Repro Board

R40 82k

R42 100k

C18 .02

R43 100k

C19 .02

C21 .02

12AX7

V4A

V4B

R37 1M

R75 680K

R38 2.2k

R39 1M

R41 2.2k

C20 .02

R44 1M

R45 1M

V2B 12AU7

R46 1k

12AU7 V2A

O/P Attenuator

T3

500

1k

500

OUTPUT

R49 39K

Meter Kill Switch

R201 3k3

6T4

117VAC

ON/OFF 1/2A

R55 6.8k 5w

R58 20k

C26 33u

C16C 33u

C16D 75u

6X4 V7

R301 100

C301

C302

C303

C304

VU1

VU2

D5 1N4756

C305 330u

100k R302

47v

R60 1.5 1 W

C28 4000u

200 1 W

+12V

V1FIL

V4FIL

V5FIL

Notes:

All Resistors 1/2 Watt, 1% Metal Film (otherwise noted)

R101-105 Must Be .1% Tolerance

All Electrolytic Caps 105 deg

All Diodes 1N4001 (otherwise noted)

C101-104 are 22uF 63V

* Green/Yellow Winding Floating

Electrical Audio Modified Ampex 351 Mic Preamp with Phantom Power

TITLE: Electrical 351

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REV:

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Sheet: 1/1