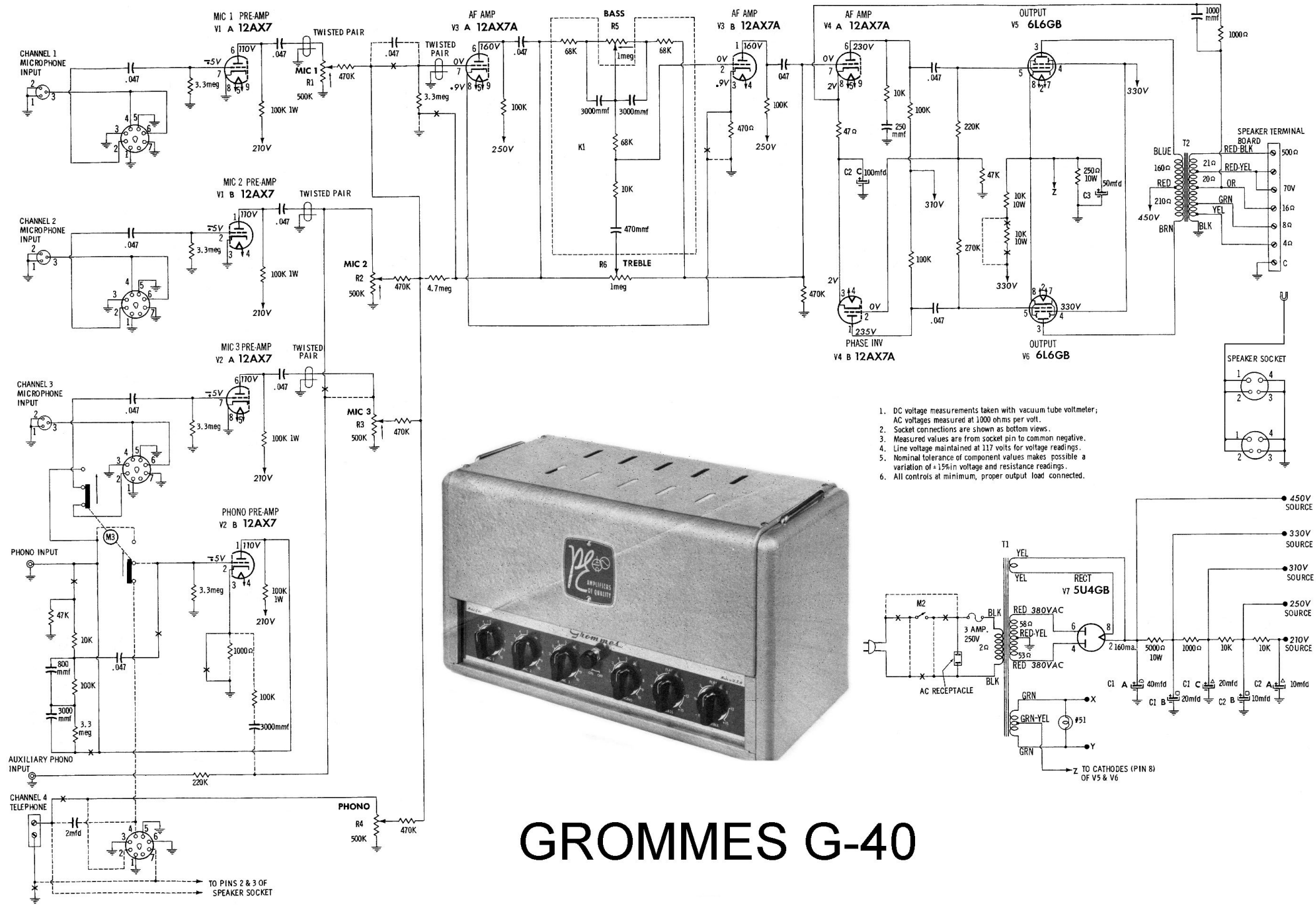
MIC 1 PRE-AMP
V1 A 12AX7
AF AMP
V3 A 12AX7A
BASS
R5
AF AMP
V3 B 12AX7A
AF AMP
V4 A 12AX7A
OUTPUT
V5 6L6GB
CHANNEL 1
MICROPHONE
INPUT
TWISTED PAIR
MIC 1
R1
500K
470K
100K 1W
210V
250V
68K
1meg
3000mmf
K1
10K
470mmf
R6
TREBLE
1meg
MIC 2 PRE-AMP
V1 B 12AX7
CHANNEL 2
MICROPHONE
INPUT
MIC 2
R2
500K
4.7meg
MIC 3 PRE-AMP
V2 A 12AX7
CHANNEL 3
MICROPHONE
INPUT
MIC 3
R3
500K
PHONO PRE-AMP
V2 B 12AX7
PHONO INPUT
M3
800
mmf
3000
mmf
3.3
meg
1000Ω
3000mmf
AUXILIARY PHONO
INPUT
220K
CHANNEL 4
TELEPHONE
2mfd
TO PINS 2 & 3 OF
SPEAKER SOCKET
PHONO
R4
500K
470K
PHASE INV
V4 B 12AX7A
OUTPUT
V6 6L6GB
C2 C 100mfd
C3 50mfd
250Ω
10W
250
mmf
47Ω
10K
100K
47K
220K
270K
330V
310V
235V
T2
BLUE
160Ω
RED
210Ω
450V
BRN
BLK
SPEAKER TERMINAL
BOARD
RED-BLK
RED-YEL
OR
GRN
YEL
500Ω
70V
16Ω
8Ω
4Ω
C
SPEAKER SOCKET
1. DC voltage measurements taken with vacuum tube voltmeter;
AC voltages measured at 1000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance of component values makes possible a
variation of ± 15% in voltage and resistance readings.
6. All controls at minimum, proper output load connected.
T1
M2
3 AMP.
250V
2Ω
AC RECEPTACLE
RECT
V7 5U4GB
RED 380VAC
RED-YEL
RED 380VAC
160ma.
5000Ω
10W
1000Ω
10K
10K
GRN
GRN-YEL
#51
GRN
X
Y
Z TO CATHODES (PIN 8)
OF V5 & V6
450V
SOURCE
330V
SOURCE
310V
SOURCE
250V
SOURCE
210V
SOURCE
C1 A 40mfd
C1 B 20mfd
C1 C 20mfd
C2 B 10mfd
C2 A 10mfd

GROMMES G-40