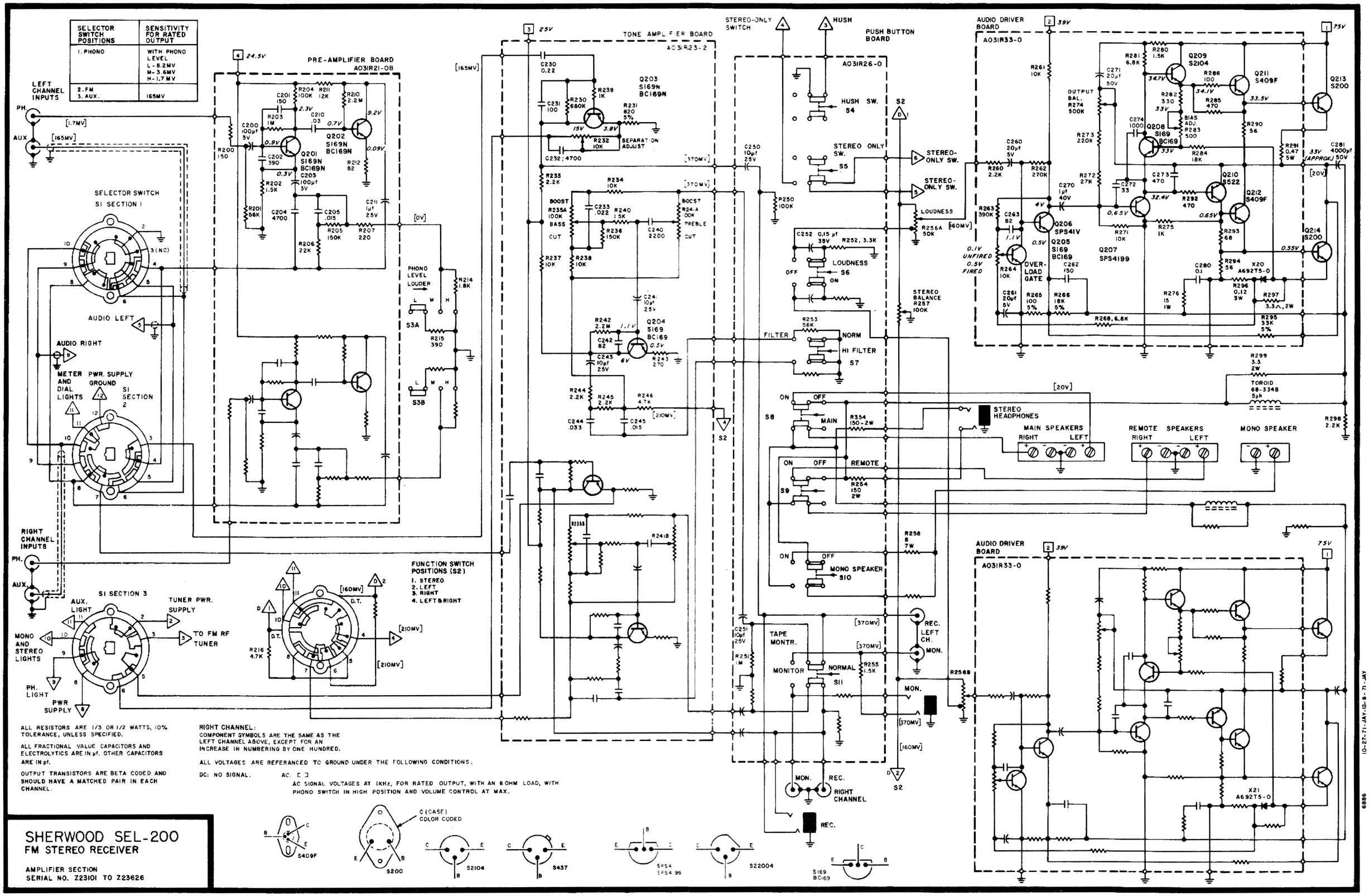


ALL RESISTORS ARE 1/3 OR 1/2 WATTS, 10% TOLERANCE, UNLESS SPECIFIED.

ALL FRACTIONAL VALUE CAPACITORS AND ELECTROLYTICS ARE IN μf. OTHER CAPACITORS ARE IN pf.

OUTPUT TRANSISTORS ARE BETA CODED AND SHOULD HAVE A MATCHED PAIR IN EACH CHANNEL.

RIGHT CHANNEL:
COMPONENT SYMBOLS ARE THE SAME AS THE LEFT CHANNEL ABOVE, EXCEPT FOR AN INCREASE IN NUMBERING BY ONE HUNDRED.

ALL VOLTAGES ARE REFERANCED TO GROUND UNDER THE FOLLOWING CONDITIONS:

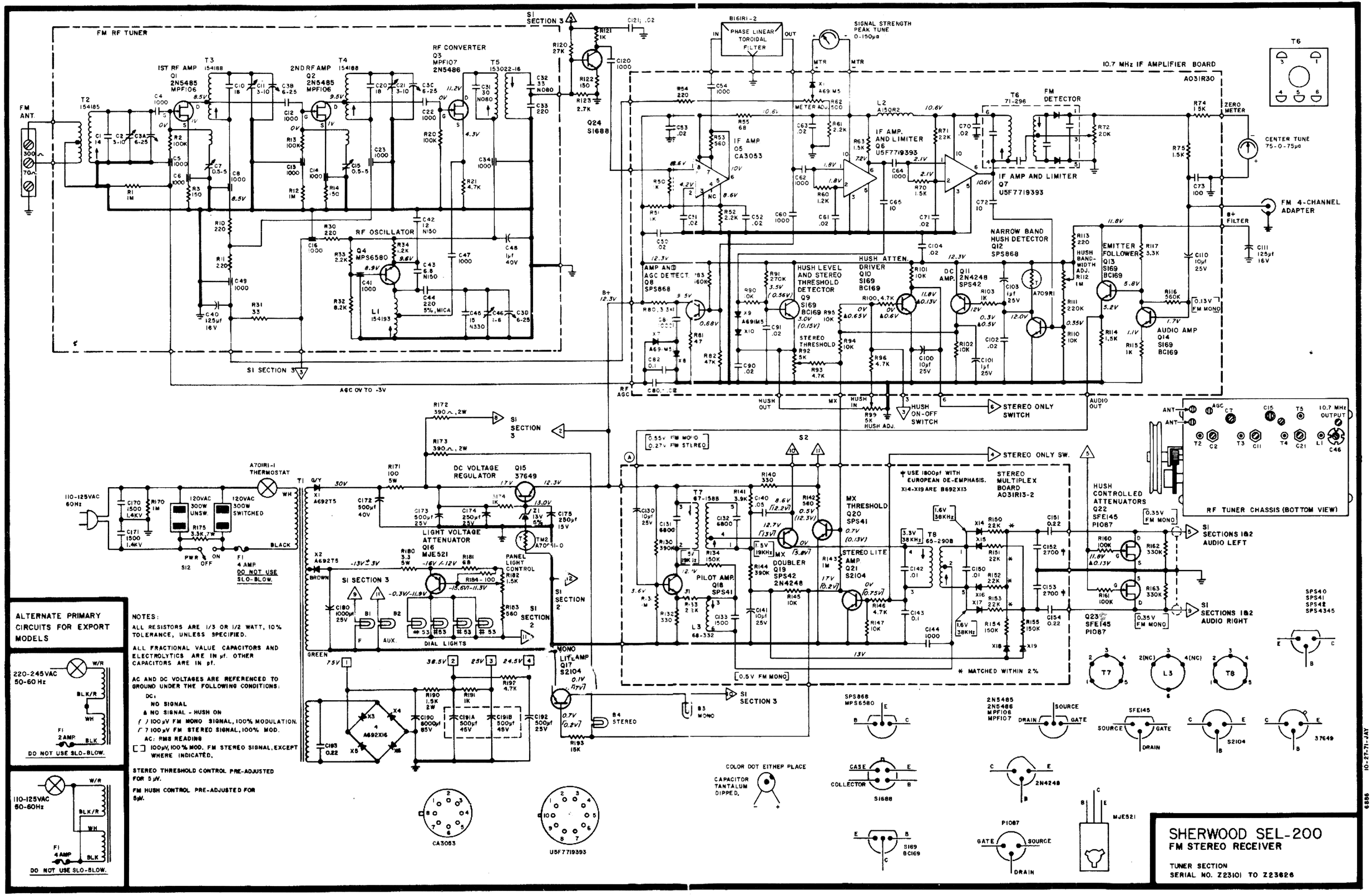
DC: NO SIGNAL. AC: [ ]
AC SIGNAL VOLTAGES AT 1KHz, FOR RATED OUTPUT, WITH AN 8 OHM LOAD, WITH PHONO SWITCH IN HIGH POSITION AND VOLUME CONTROL AT MAX.

SHERWOOD SEL-200
FM STEREO RECEIVER

AMPLIFIER SECTION
SERIAL NO. Z23101 TO Z23626

6886

10-27-71-JAY-12-8-71-JAY


FM RF TUNER
1ST RF AMP Q1 2N5485 MPF106
2ND RF AMP Q2 2N5485 MPF106
RF CONVERTER Q3 MPF107 2N5486
RF OSCILLATOR Q4 MPS6580
Q24 S1688
PHASE LINEAR TOROIDAL FILTER B161R1-2
SIGNAL STRENGTH PEAK TUNE 0-150μa
10.7 MHz IF AMPLIFIER BOARD A031R30
IF AMP Q5 CA3053
IF AMP. AND LIMITER Q6 U5F7719393
IF AMP AND LIMITER Q7 U5F7719393
FM DETECTOR
ZERO METER
CENTER TUNE 75-0-75μa
FM 4-CHANNEL ADAPTER
B+ FILTER
AMP AND AGC DETECT. Q8 SPS868
HUSH LEVEL AND STEREO THRESHOLD DETECTOR Q9 S169 BC169
HUSH ATTEN. DRIVER Q10 S169 BC169
DC AMP. Q11 2N4248 SPS42
NARROW BAND HUSH DETECTOR Q12 SPS868
EMITTER FOLLOWER Q13 S169 BC169
AUDIO AMP Q14 S169 BC169
HUSH ON-OFF SWITCH
STEREO ONLY SWITCH
AGC 0V TO -3V
DC VOLTAGE REGULATOR Q15 37649
LIGHT VOLTAGE ATTENUATOR Q16 MJE521
PILOT AMP. Q18 SPS41
MX DOUBLER Q19 SPS42 2N4248
MX THRESHOLD Q20 SPS41
STEREO LITE AMP Q21 S2104
MONO LITE AMP Q17 S2104
STEREO MULTIPLEX BOARD A031R13-2
HUSH CONTROLLED ATTENUATORS Q22 SFE145 P1087
Q23 SFE145 P1087
SI SECTIONS 1&2 AUDIO LEFT
SI SECTIONS 1&2 AUDIO RIGHT
RF TUNER CHASSIS (BOTTOM VIEW)
10.7 MHz OUTPUT
110-125VAC 60Hz
A70IR1-1 THERMOSTAT
120VAC 300W UNSW.
120VAC 300W SWITCHED
PWR SW. ON OFF S12
F1 4 AMP DO NOT USE SLO-BLOW.
DIAL LIGHTS
PANEL LIGHT CONTROL R182 1.5K
CA3053
U5F7719393
SPS868 MPS6580
2N5485 2N5486 MPF106 MPF107
SFE145
S2104
37649
S1688
S169 BC169
P1087
2N4248
MJE521
SPS40 SPS41 SPS42 SPS4345
ALTERNATE PRIMARY CIRCUITS FOR EXPORT MODELS
220-245VAC 50-60 Hz
DO NOT USE SLO-BLOW.
110-125VAC 50-60Hz
DO NOT USE SLO-BLOW.
NOTES:
ALL RESISTORS ARE 1/3 OR 1/2 WATT, 10% TOLERANCE, UNLESS SPECIFIED.
ALL FRACTIONAL VALUE CAPACITORS AND ELECTROLYTICS ARE IN μf. OTHER CAPACITORS ARE IN pf.
AC AND DC VOLTAGES ARE REFERENCED TO GROUND UNDER THE FOLLOWING CONDITIONS:
DC: NO SIGNAL
& NO SIGNAL - HUSH ON
( ) 100μV FM MONO SIGNAL, 100% MODULATION.
[ ] 100μV FM STEREO SIGNAL, 100% MOD.
AC: RMS READING
[ ] 100μV, 100% MOD. FM STEREO SIGNAL, EXCEPT WHERE INDICATED.
STEREO THRESHOLD CONTROL PRE-ADJUSTED FOR 5μV.
FM HUSH CONTROL PRE-ADJUSTED FOR 6μV.
* USE 1800pf WITH EUROPEAN DE-EMPHASIS.
X14-X19 ARE B692X13
* MATCHED WITHIN 2%
COLOR DOT EITHER PLACE CAPACITOR TANTALUM DIPPED.
SHERWOOD SEL-200
FM STEREO RECEIVER
TUNER SECTION
SERIAL NO. Z23101 TO Z23626
10-27-71-JAY
6886