

service
manual

26

marantz

model twenty six

Stereophonic Receiver

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INTRODUCTION

This service manual was prepared for use by Authorized Warranty Stations and contains service data for the Marantz Model 26 Stereophonic Receiver.

Servicing information and voltage data included in this manual are intended for use by knowledgeable and experienced technicians only. All instructions should be read carefully. No attempt should be made to proceed without a good understanding of the operation of the Receiver. A brief functional description and associated block diagram, furnished in the Operating Instruction Manual for the Model 26 Receiver, provides functional data about the Receiver as an aid in this understanding.

The parts list furnishes information by which replacement parts may be ordered from the Marantz Company. A description is included for parts which can be usually obtained through local suppliers.

1. SERVICE NOTE

The Model 26 consists of following units. Each unit mounted on a printed circuit board is circumscribed by a bold dotted line on the circuit diagram.

1. FM Front End, AM Front End,
FM/AM IF Amplifier, FM MPX
Stereo Demodulator mounted on PC board P100
2. FM Sub-IF Amplifier mounted on PC board P200
3. Phono Amplifier..... mounted on PC board P300
4. Tone Amplifier and Main Amplifier mounted on PC board P400

5. Rectifiers and Power Supply..... mounted on PC board P500
6. Loudness Control Unit, High
and Low Filter Units..... mounted on PC board P600

2. AM TUNER

2-1. Circuit Description

The AM tuner consists of two parts, a front end and an IF amplifier unit, both mounted on a part of PC board P100.

The front end is comprised of a converter and a diode. AM signals induced in the ferrite-rod antenna L001 are roughly selected in the antenna tuning circuit. The selected signals are applied to the base of converter transistor H114 through coupling capacitor C117. The converter is a collector-emitter self oscillating circuit and the local oscillation signal appears at the emitter of H114. Both signals are then mixed at the base-emitter junction and converted into 455kHz intermediate frequency. The amplified IF signals are obtained from the collector of H114 and applied to the first IF transformer L113.

Diode H116, reverse-biased by resistors R113 and R114, eliminates signal overload distortion without sacrificing receiving sensitivity.

The IF signals are led to the IF amplifier consisting of two stages H115 and H106 and amplified to high level. The amplified IF output is applied to diode H109 to detect audio signals. Then the detected audio signals are led to output pin J118 through filtering network. The DC component of the detected IF signals is used for AGC which affects the base bias current of H115. A part of IF signal output is also applied to diode H112 through capacitor C139 and rectified to obtain DC

current to energize the tuning meter M001.

2-2. Suggestions for Trouble Shooting of AM Tuner

Symptom: No AM Reception.

First, try to tune stations by rotating flywheel tuning knob slowly and observe the tuning meter whether it deflects or not. If the tuning meter gives a deflection at several frequencies received, no failure exists in the stages at least preceding IF transformer L115.

Next, connect an oscilloscope to tuner output pin J118 and check audio signals.

If the tuning meter does not deflect, check the local oscillator circuit. Normal oscillation voltage at the hot end of the oscillator capacitor is 2 to 3 volts, varying with tuning capacitor position. When measuring oscillation voltage use an RF VTVM, no circuit tester gives correct indication. If the local oscillation voltage is normal check all voltage distributions in the tuner circuit by using a circuit tester and compare the measured values with those written in the schematic diagram.

3. FM TUNER

3-1. Circuit Description

The FM tuner section consists of four parts, FM front end unit, IF amplifier, MPX stereo decoding unit, and Sub-IF amplifier.

FM signals induced by an FM antenna are led to FM antenna coil L101 through the attenuator switch S001 and balun coil L002. These signals are then applied to FET RF amplifier H101 and the amplified outputs are led to mixer H102 through a tuning circuit and converted into 10.7MHz IF signals. H103 is the local oscillator

transistor. The AGC voltage, obtained by rectifying a part of the second IF amplifier output, is applied to the gate of FET H101 through filtering network R125 and R101. The converted IF signals are led to the IF amplifier unit consisting of three transistor amplifier stages and one IC limiter. The FM IF amplifier shares its third stage transistor H106 with the AM IF amplifier. The IF signal fully amplified is then applied to FM discriminator transformer L109 and demodulated into audible signals. The demodulated audio signals are then applied to the base of 19kHz pilot signal amplifier H117. This amplifier operates as an emitter follower for the audio signals and has no voltage gain. The audio output is obtained from the emitter of H117 and applied to the center tap of 38kHz tuned transformer L119 through the 67kHz SCA trapping filter consisting of L120 and C159. The audio signals are split into right and left channel circuits by the diode-switching networks, then led to the crosstalk canceling amplifiers. When the demodulated audio signal is stereo composite signal, the 19kHz pilot signal amplifier operates as a tuned amplifier for the 19kHz pilot signal and as an emitter follower for the composite signal except 19kHz. The pilot signal, amplified by H117, is applied to H118 for further amplification. Then it is rectified by the full wave rectifier consisting of diodes H122 and H123, thus provided 38kHz pulsating current to drive 38kHz sub-carrier amplifier transistor H120, and 38kHz sub-carrier is obtained. The 38kHz sub-carrier and stereo composite signal, except 19kHz, are superimposed at the secondary coil of L119 and the composite signal is alternatively sampled by the right and left channel switching diodes at the rate of 38kHz. The sampled or separated outputs are led to

the crosstalk canceling amplifier consisting of H128 and H129. Then led to tuner output pins J112 and J114 after canceling undesirable crosstalk. The tuned circuit L121, C171, C172 and C175 is filtering circuit against 38kHz.

The second 19kHz pilot signal amplifier H118 is so designed that the emitter circuit is electrically switched on and off by controlling the bias current of switching transistor H119. The bias current is obtained from the Sub-IF amplifier circuit consisting of transistor H201, 10.7MHz IF transformer L201 and two diodes H202 and H203. The stereo switch on the front panel is connected between the base and emitter of switching transistor H119. Therefore, when the switch is in its normal "off" position, the base and emitter is short-circuited and no emitter current flows. Thus the emitter of the second 19kHz pilot signal amplifier is cut off and no 19kHz signal appears at the collector of H118. No stereo separation is obtained. When the stereo switch is depressed, the emitter-base short-circuit is opened and if the FM signal received is stronger than the pre-determined level, the DC voltage produced by diode H202 becomes large enough to drive the switching transistor H119, thus H119 is turned on and H118 begins to operate. H120 is also turned on and it turns the stereo beacon switching transistor H121 turning the beacon lamp on.

The direct current developed between-B and diode H203 is used to drive FM tuning meter M001.

3-2. Suggestions for Trouble Shooting of FM Tuner

3-2-1. Symptom: No FM Reception

First, turn on the power switch and try to tune FM stations. Rotate the flywheel tuning knob slowly and observe the FM tuning meter. If the tuning meter deflects

at several frequencies, the tuner circuit preceding the limiter circuit may have no failure. Tune the set to a station and check the following points by using a high sensitivity oscilloscope: output of the FM discriminator T.P.B, output of the 19kHz pilot signal amplifier T.P.H, and Multiplex stereo output pin J112 or J114. When no reading is observed on the tuning meter, check the local oscillator circuit by using an RF VTVM. Normal local oscillation voltage is about 1 volts at the hot end of the tank circuit. If the oscillation voltage is normal, check all voltage distributions and compare them with those shown in the schematic diagram.

3-3-2. Symptom: No Stereo Separation

First, check the stereo switch is depressed. Connect FM RF signal modulated by stereo signal to the rear FM antenna terminals and check the stereo beacon lamp is turned on or not. When the lamp is not turned on, connect an oscilloscope to test point G and observe 38kHz stereo sub-carrier is correctly generated or not.

4. FM AND AM TUNER ALIGNMENT

The following alignment for FM and AM tuner requires many precision measuring equipments. No alignment should be performed in the field unless the service man has these equipments and enough knowledge in solid state amplifier components, since all the units are factory aligned and not become misaligned by themselves.

4-1. AM Front End

- 1) Set an AM signal generator to 600kHz, 400Hz 30% modulation. Tune the receiver to the same frequency and adjust oscillator coil L112 until the dial

pointer coincides with the 600kHz marking on the dial.

- 2) Set the AM signal generator to 1400kHz. Tune the receiver to the same frequency and adjust trimming capacitor C183-4 mounted on the tuning capacitor.
- 3) Repeat procedure 1 and 2 until no further adjustment is necessary between the low end and the high end.
- 4) Set the generator to 600kHz. Tune the receiver to the same frequency and adjust antenna coil L001 in the plastic case for maximum output.
- 5) Set the generator to 1400kHz. Tune the receiver to the same frequency and adjust antenna trimming capacitor C183-3 mounted on the tuning capacitor for maximum output
- 6) Repeat procedure 4 and 5 until no further improvement is obtained.

Note. During tracking alignment, reduce the signal generator output as necessary to avoid AGC action.

4-2. AM IF Amplifier

To align the AM IF amplifier, a sweep generator with marker generator combined is necessary.

- 1) Connect the sweep generator across test point F and common ground, connect an oscilloscope to test point C.
- 2) Turn each primary and secondary core of IF transformers L113, L114, and L115 for maximum and symmetrical response.

4-3. FM Front End

4-3-1. Local Oscillator Adjustment

- 1) Measuring instruments connection.

Connect an FM signal generator to the FM antenna terminals on the back side of the set. Connect a VTVM or oscilloscope across the speaker system terminals.

- 2) Set the FM signal generator to 90MHz, 400Hz 100% modulation. Tune the receiver to the same frequency and adjust oscillator coil L104 until the dial pointer coincides with the 90MHz marking on the dial.
- 3) Set the FM signal generator to 106MHz. Tune the receiver to the same frequency and adjust trimming capacitor C182 until the dial pointer coincides with the 106MHz marking on the dial.
- 4) Repeat procedure 2 and 3 until no further adjustment is necessary between the low end and the high end.

4-3-2. FM Tracking Alignment

- 1) Set an FM signal generator to provide about 5uV at 90MHz. Tune the receiver to the same frequency and turn each core of L101 and L102 for maximum output
- 2) Set the FM signal generator to 106MHz. Tune the receiver to the same frequency and adjust trimming capacitors C183-1 and C183-2 for maximum output.
- 3) Repeat procedure 1 and 2 until no further improvement is obtained.

4-4. FM IF Amplifier

To align the FM IF amplifier, a high frequency sweep generator with 10.7MHz marker generator combined is required. Connect the sweep generator to the T.P.D an oscilloscope to test point A. Turn each primary and secondary core of IF transformers L105, L106, L107, and L108 for maximum and symmetrical response.

4-5. FM Discriminator

Connect an oscilloscope to test point B and turn the primary and the secondary cores of discriminator transformer L109 for straight and symmetrical "S" curve with 10.7MHz marker center.

More precision adjustment of discriminator requires a distortion meter. To make this precision adjustment, connect an FM signal generator having low distortion characteristics to the antenna terminals of the set. Tune the set to the FM signal and measure the distortion of audio output. Turn the primary core of the discriminator transformer until minimum distortion is obtained.

4-6. FM Stereo Demodulator

A stereo multiplex and RF FM signal generator is required to make the separation adjustment on this circuit.

Perform the following adjustment in sequence.

- 1) Set the FM signal generator to 98MHz, 2KuV output level. Tune the receiver to the same frequency. Ensure that the stereo switch is depressed for stereo operation.
- 2) Connect an oscilloscope probe to test point G and turn each core of L117, L118, and L119 for maximum stereo carrier wave on the CRT.
- 3) Turn the core of L119 again to obtain equal stereo separation in both of R and L channels.
- 4) Adjust trimming resistor R175 for maximum and equal stereo separation in both channels.

4-7. FM Sub-IF Amplifier

To align the sub-IF amplifier, tune the receiver to an FM signal and turn the core of L201 so that the FM tuning meter reads maximum deflection.

5. MAIN AMPLIFIER

5-1. Circuit Description

5-1-1. Amplifier

The audio signals selected by the selector switch S002-1 are led to the tone

amplifier through stereo switch S003, tape monitor switch S601-4 and the volume control with loudness control network. The signals are applied through coupling capacitor C401 and resistor R459 to the base of H401 which is an emitter follower to achieve low driving impedance for C-R tone control network. The signals obtained from the emitter of H401 are led to the tone control network through coupling capacitor C403. After bass and treble controlled, the signals are applied to the two stage amplifier consisting of H403 and H405. Negative feedback is utilized from the collector of H405 to the emitter of H403 through C409, R413 and R411 to maintain good stability and linearity.

The amplified signals obtained from the collector of H405 are applied to the base of H407 via the balance control R017 and Hi and Low filter networks. The output of H407 is applied to the base of H409. H409 provides voltage amplification necessary to drive the driver transistors H411 and H413. These two transistors are operated in a complementary-symmetry configuration with their respective power transistors H001 and H002.

The output of H411 is applied to the base of H001, and that of H413 to H002. Combined operation of PNP transistor H413 and NPN transistor H411 with NPN power transistors H001 and H002 provides a single-ended push-pull output.

This output is applied to loudspeaker output terminals J003 through coupling capacitor C429 and headphones jack J004.

To maintain overall stability and linearity, negative feedback is utilized throughout the amplifier. This feedback is also necessary to reduce distortion to be well under

the specified limits. R437 and R429 condition the feedback loop gain.

5-1-2. Dynamic Bias

Dynamic bias is applied to the bases of driver transistors H411 and H413. H411 and H413 determine the class of operation for the power amplifier transistors H001 and H002, respectively, thus maintaining a constant class of operation by establishing and maintaining proper collector-to-emitter current. This dynamic bias circuit consists of adjusting resistor R457 and temperature sensitive diodes H415, H417, and H419. The circuit provides a variable base bias for driver transistors H411 and H413 and automatically maintains proper base voltage, bias condition, with temperature change.

5-1-3. Amplifier Protection

Protection for the amplifier is provided by two varistor diodes H421 and H423.

When a grossly overloading input signal is applied across the bases of driver transistors H411 and H413, these varistor diodes effectively clip the excessive voltage and protect the driver and output transistors against damage due to the over loading input signal.

In the other case of output short-circuits, an excessive current flows into the power transistor H001 and this makes the voltage drop across the resistor R447 increasing the emitter potential of H001.

As the emitter of H411 is directly connected to the base of H001, the emitter potential of H411 is increased with the increased emitter potential of H001. While, on the other hand the base voltage of H411 is forced to at a fixed level by the varistor diode H421, the base-emitter potential or emitter current of H411 results in decreasing.

Since the base-emitter biasing of the power transistor H001 is obtained through the emitter to collector current of H411, the decreased emitter current (due to the output short circuit) of H411 means the decreased bias current of the power transistor H001 or decreased emitter current of the transistor. Thus the power transistor is protected against damage.

Concerning H002 and H413, the current increase through H002 causes voltage drop across R449 and it directly affects the emitter potential of H413 while the base potential is fixed by H423. Thus a good protection is achieved for both polarities.

5-2. DC Balance and Bias Adjustment of the Main Amplifier

5-2-1. DC Balance Adjustment

Connect an oscilloscope and a dummy load (8 ohms) across the speaker system output terminals for the channel being tested and an audio oscillator (1000Hz) to the AUX jack on the rear panel. Set the Bass, Treble and Balance controls flat or center position, the Loudness, Hi Filter and Low Filter switches off and the Volume control maximum. Turn the bias control resistor R457 fully clockwise. Adjust DC balance control R455 until equal clipping level is obtained for both polarities. Repeat the same procedure for the other channel.

Note. During DC balance adjustment, adjust the output level of the audio oscillator to show the clipping level on the CRT precisely.

5-2-2. Bias Adjustment

Give no input signal and connect a VTVM across resistor R447 or R449. Adjust the bias control resistor R457 until the VTVM reads 5mV. Ensure no crossover distortion is observed on the CRT with a faint signal input from an audio oscillator. To adjust the other channel, connect the VTVM across resistor R448 or R450 and adjust bias control resistor R458 for the same voltage reading.

Note. PC board P400 on which bias control resistor R457 and R458 are mounted is located in back of the power transistors.

5-3. Suggestions for Trouble Shooting of Power Amplifier

5-3-1. Excessive line consumption

- 1) Check for shorted rectifiers H502, H503, H504, H505, H506, H507, and H508, also check C501, C503, and C507.
- 2) Check for shorted transistors H411 and H413. Check for open control resistor R457 and bias diodes H415, H417, and H419.
- 3) Check L003 for short.

CAUTION: Because the driver and output stages are direct coupled, components may fail as a direct result of an initial component failure. If a shorted or open transistor, diode, or control resistor is found be sure to check the remaining driver and output components for short or open circuits before re-energizing the amplifier.

5-3-2. No line consumption or zero bias

- 1) Check line cord, over current circuit breaker, and bias diodes H415, H417, and H419.
- 2) Check for open rectifiers H505, H506, H507, and H508, or open L003.

6. PHONO AMPLIFIER

The phono amplifier consists of conventional negative feed-back amplifier and no analytical circuit description may be required.

7. POWER SUPPLY UNIT

The power supply unit provides three different DC outputs of +38V, -11V and -2V. +38V output is obtained by bridge connected rectifiers H505, H506, H507, and H508 and filtering capacitor C503. This source energizes the power and tone amplifier and the phono amplifier.

Two rectifiers H503 and H504 are engaged in the rectification for -11V output. This output is well regulated by zener diode H501 and concerns with FM front end, AM front end, FM/AM IF amplifier, MPX stereo demodulator, and Sub-IF amplifier.

The power supply unit has another DC output of -2V for stereo beacon lamp operation.

8. TEST EQUIPMENTS FOR SERVICING

Item	Manufacturer and Model No.	Use
AM Signal Generator		Signal Source for AM Alignment
Test Loop		Used with AM Signal Generator
FM Signal Generator	Less than 0.3% distortion	Signal source for FM Alignment
Audio Oscillator	Less than 0.02% residual distortion is required	Sine wave source for modulating AM or FM Signal Generator, and trouble shooting.
Stereo Modulator	Less than 0.3% distortion	Modulating FM Signal Generator for Separation Alignment and trouble shooting.
Oscilloscope	high sensitivity	Wave form analysis and trouble shooting
VTVM	with RF probe	Trouble shooting
Circuit Tester		Trouble shooting
Sweep Generator	For 455KHz and 10.7MHz	AM and FM IF alignment
8-ohm Resistors	$\pm 0.5\%$ 50W no inductive	Dummy Load
Line Voltmeter	0 – 150V AC	Monitors line voltage
Variable Autotransformer	0– 140V, 10amps	Primary power voltage agjustment

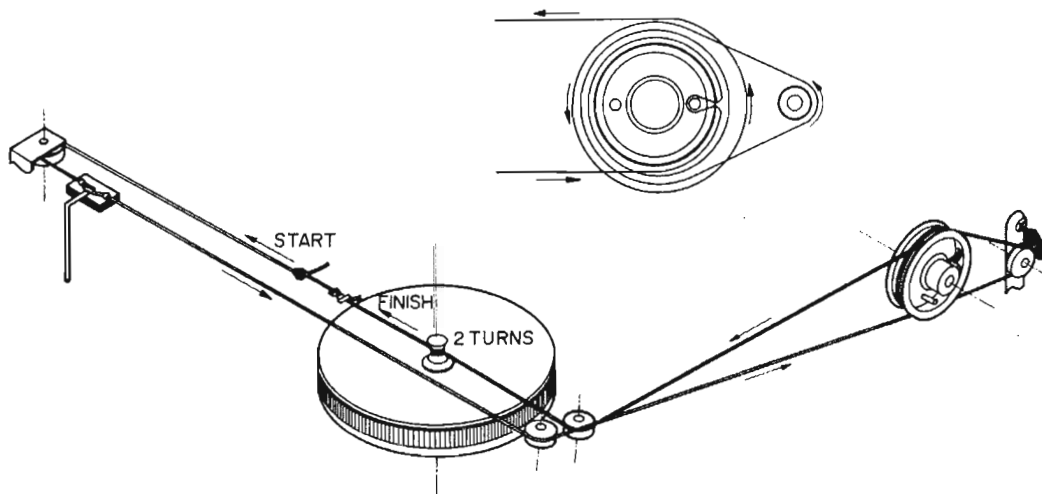


Figure 1 Dial Stringing Diagram

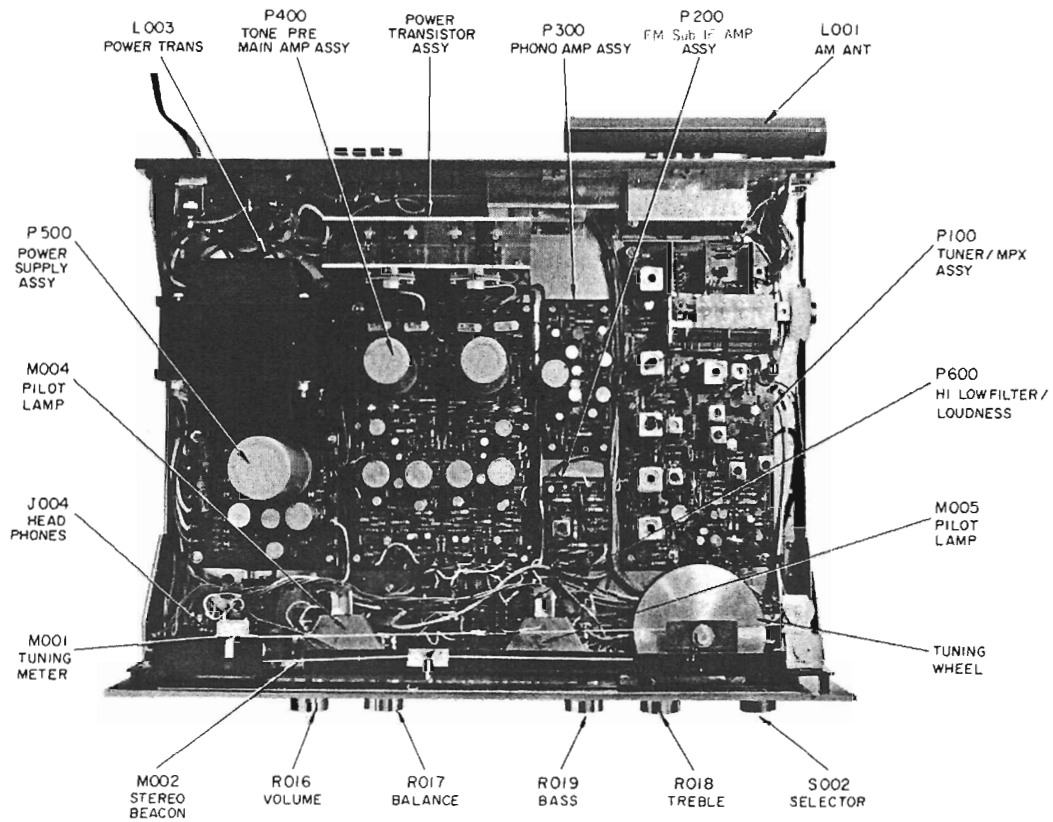


Figure 2 Main Chassis Adjustment and Component Locations

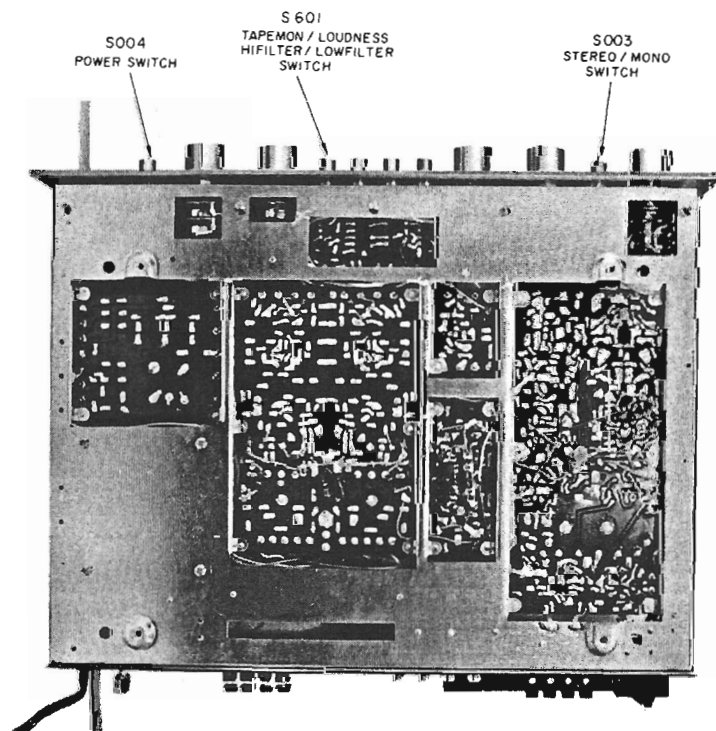


Figure 2 Main Chassis Adjustment and Component Locations

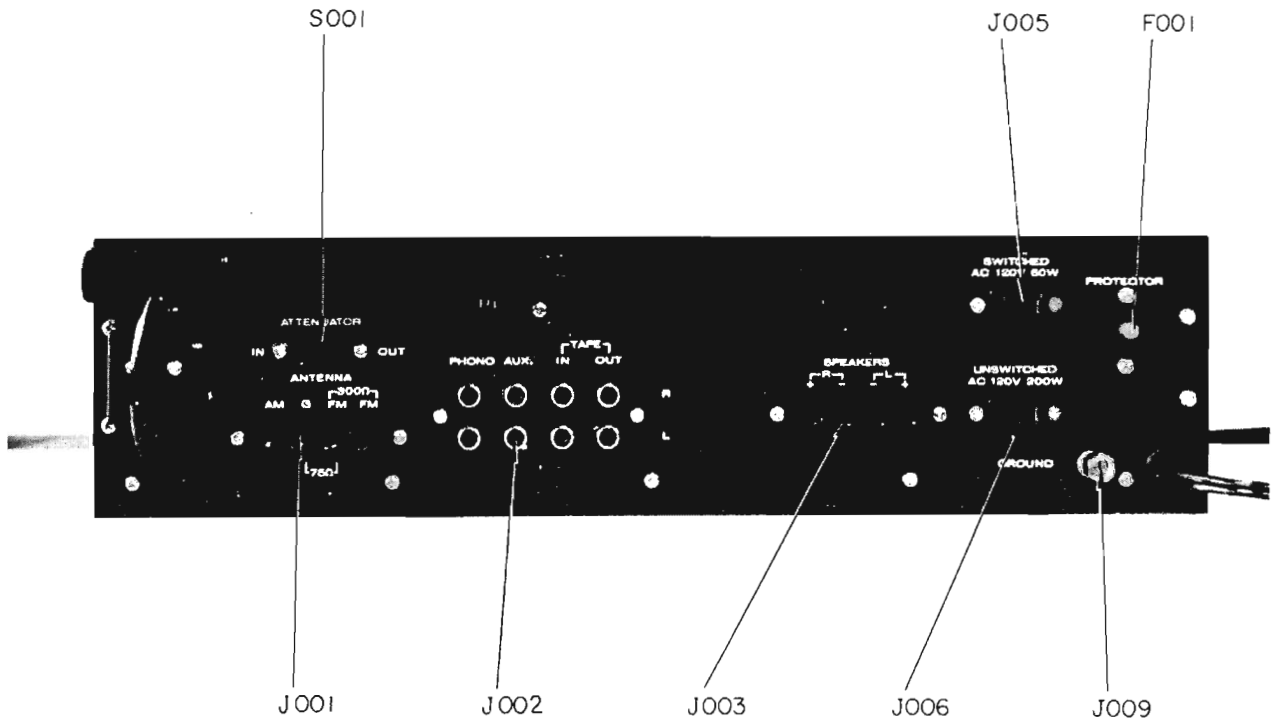


Figure 3 Rear Panel Adjustment and Component Locations

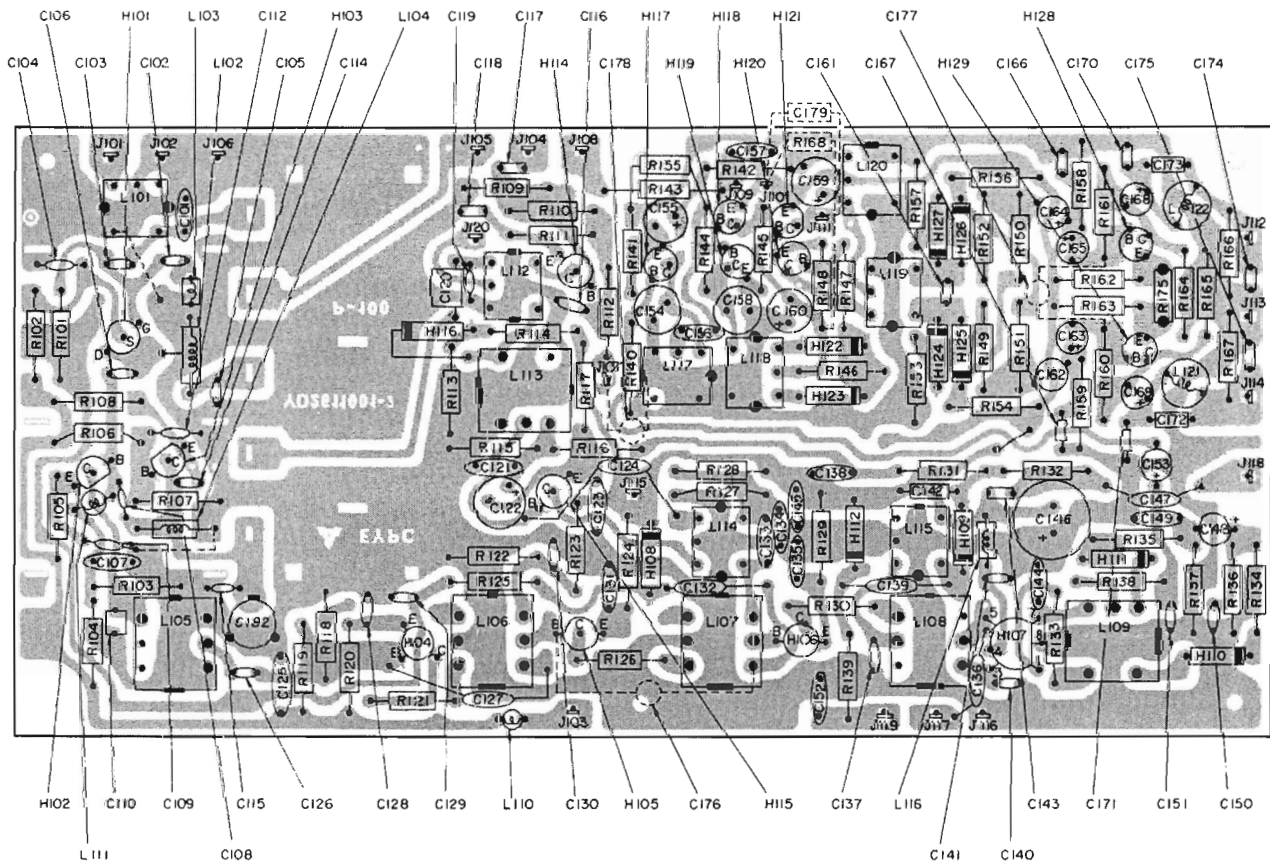
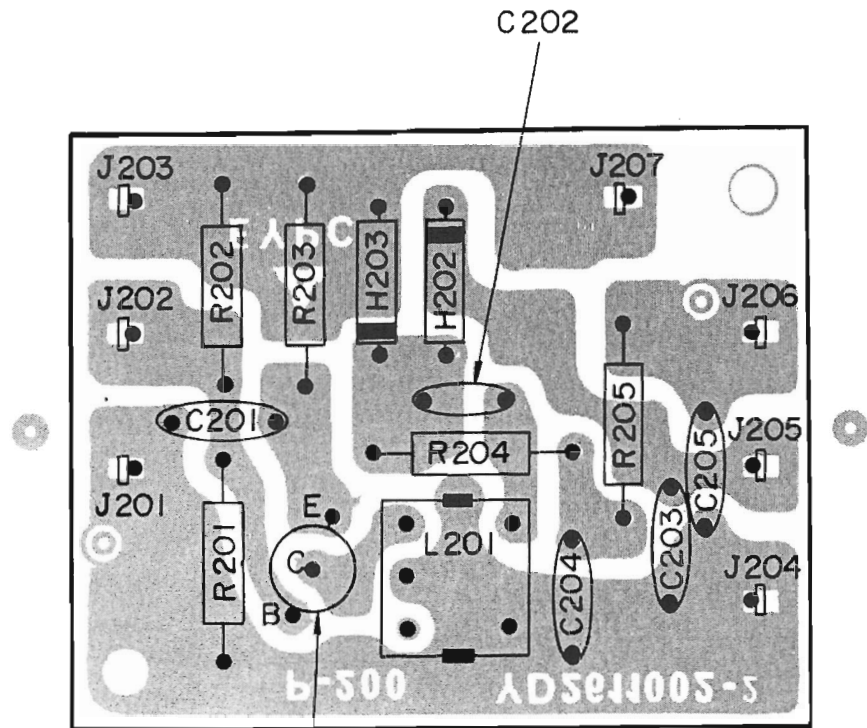
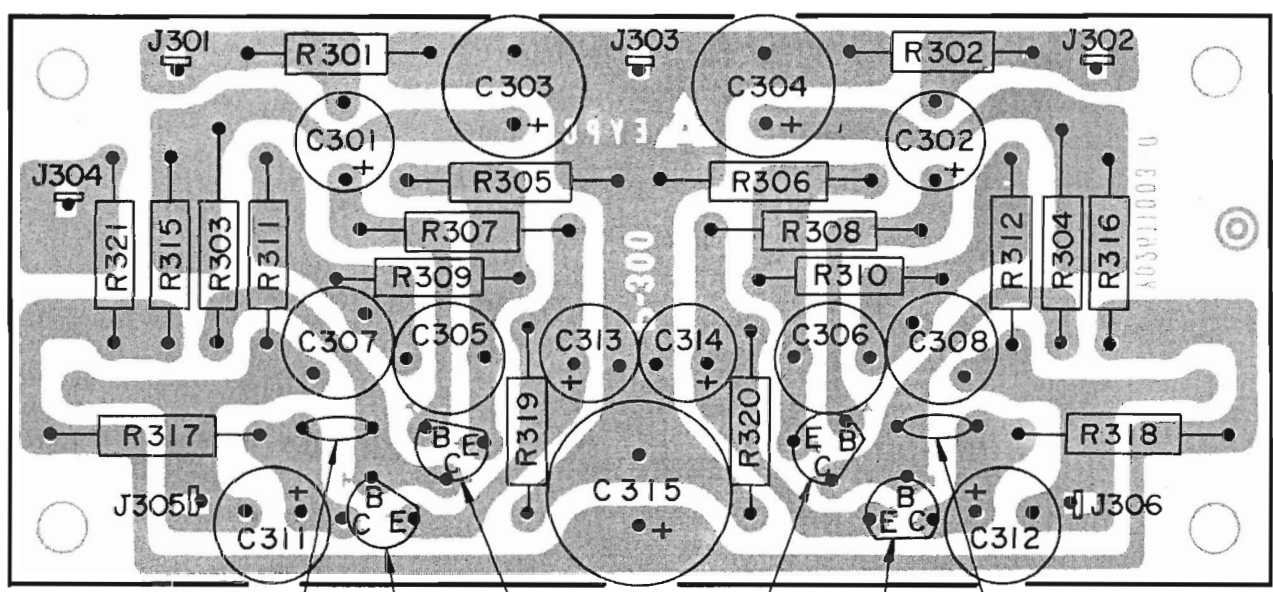


Figure 4 AM/FM/FM MPX Tuner Circuit



H201
Figure 5 FM Sub IF Amplifier



C309 H303 H301 H302 H304 C310
Figure 6 PHONO Amplifier

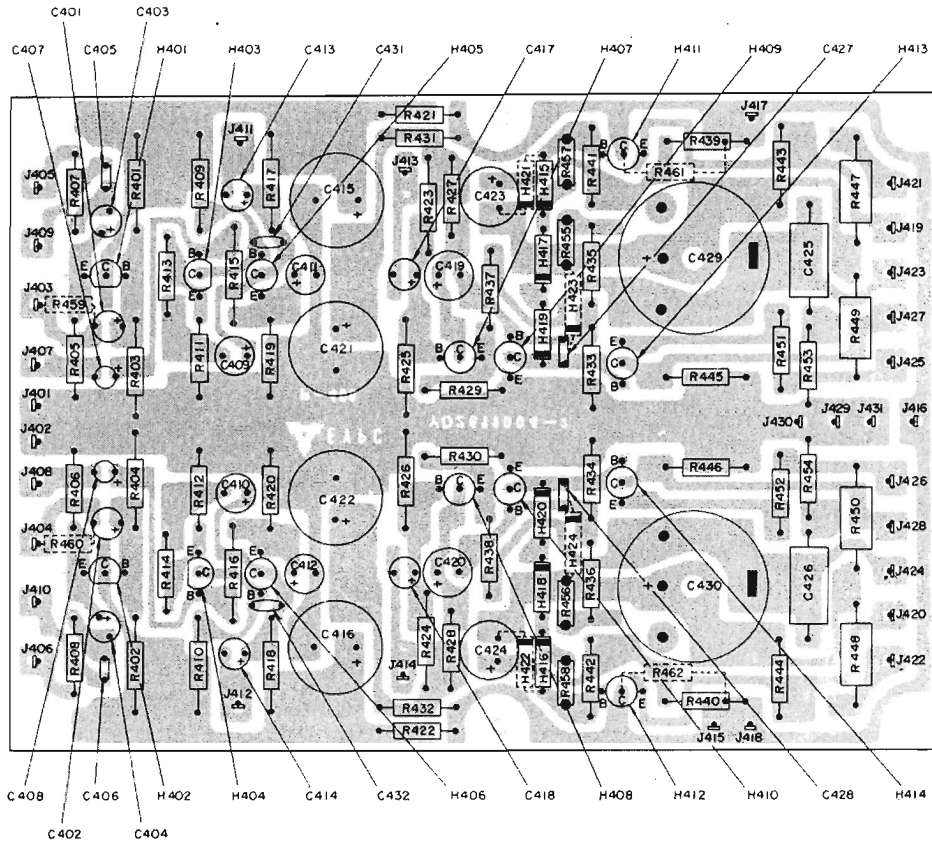


Figure 7 Pre-and Power Amplifier

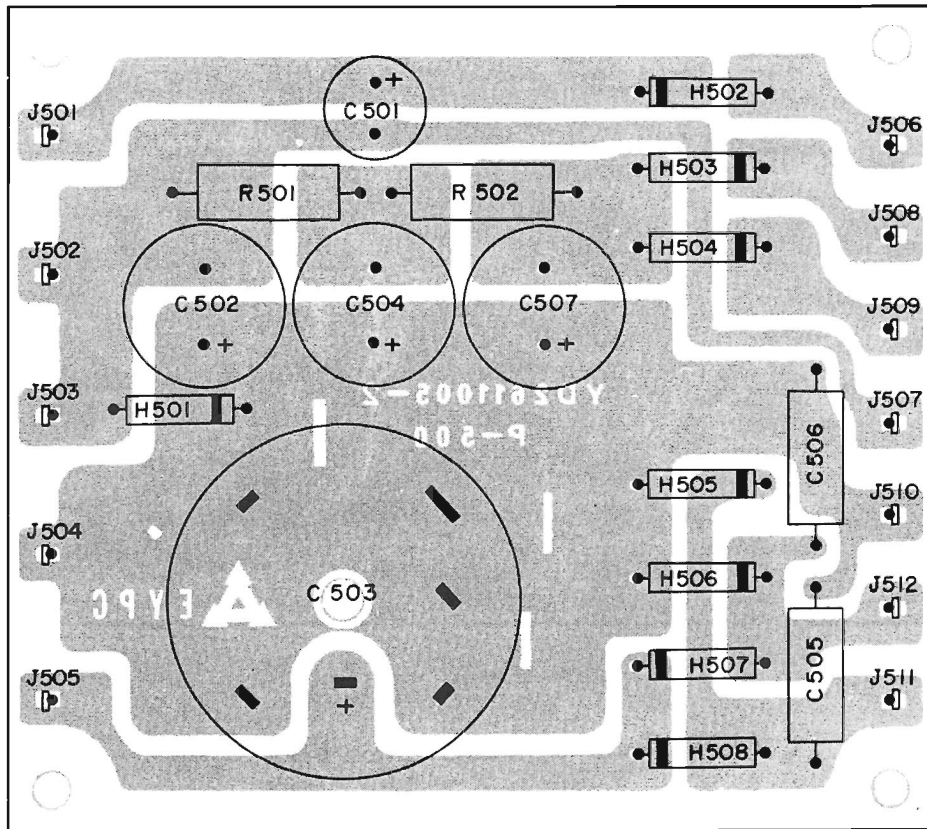


Figure 8 Power Supply Unit

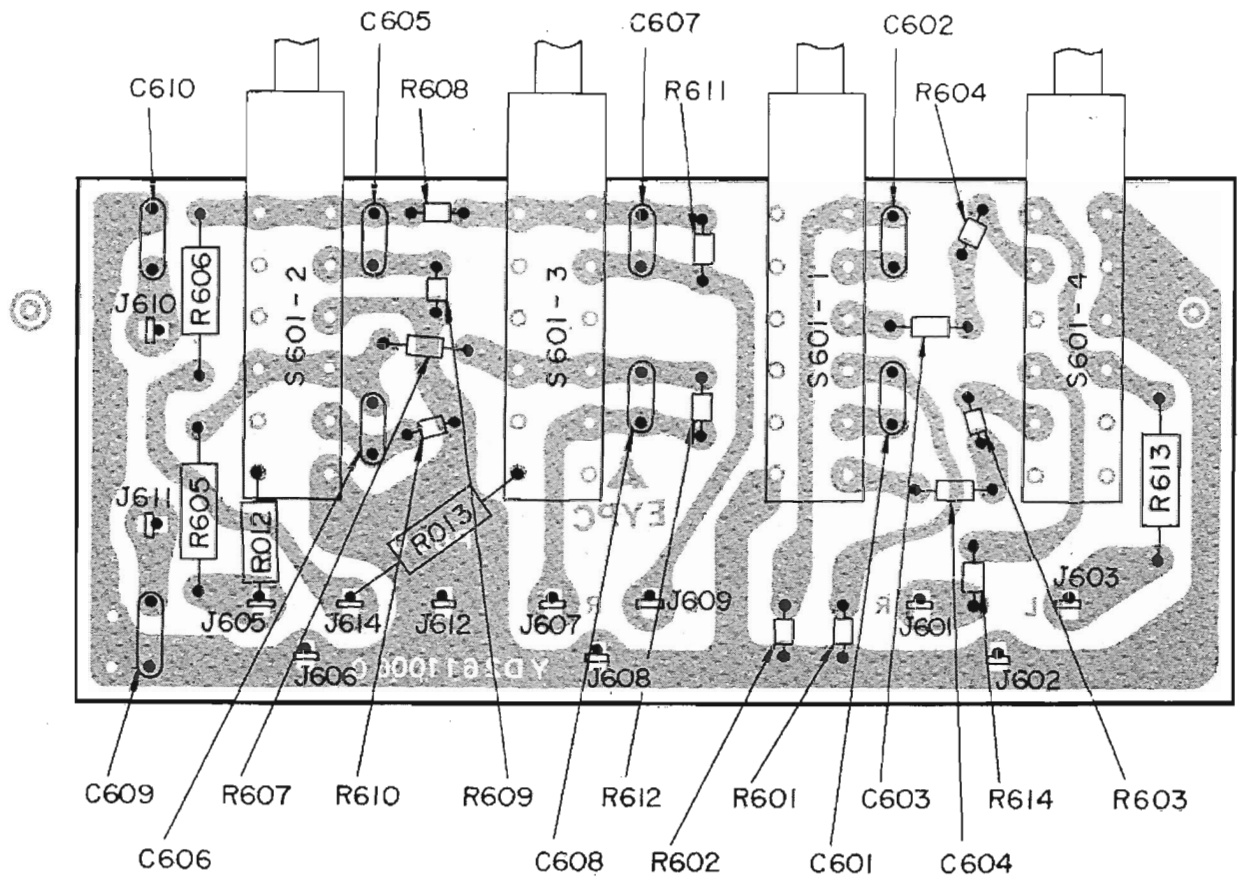
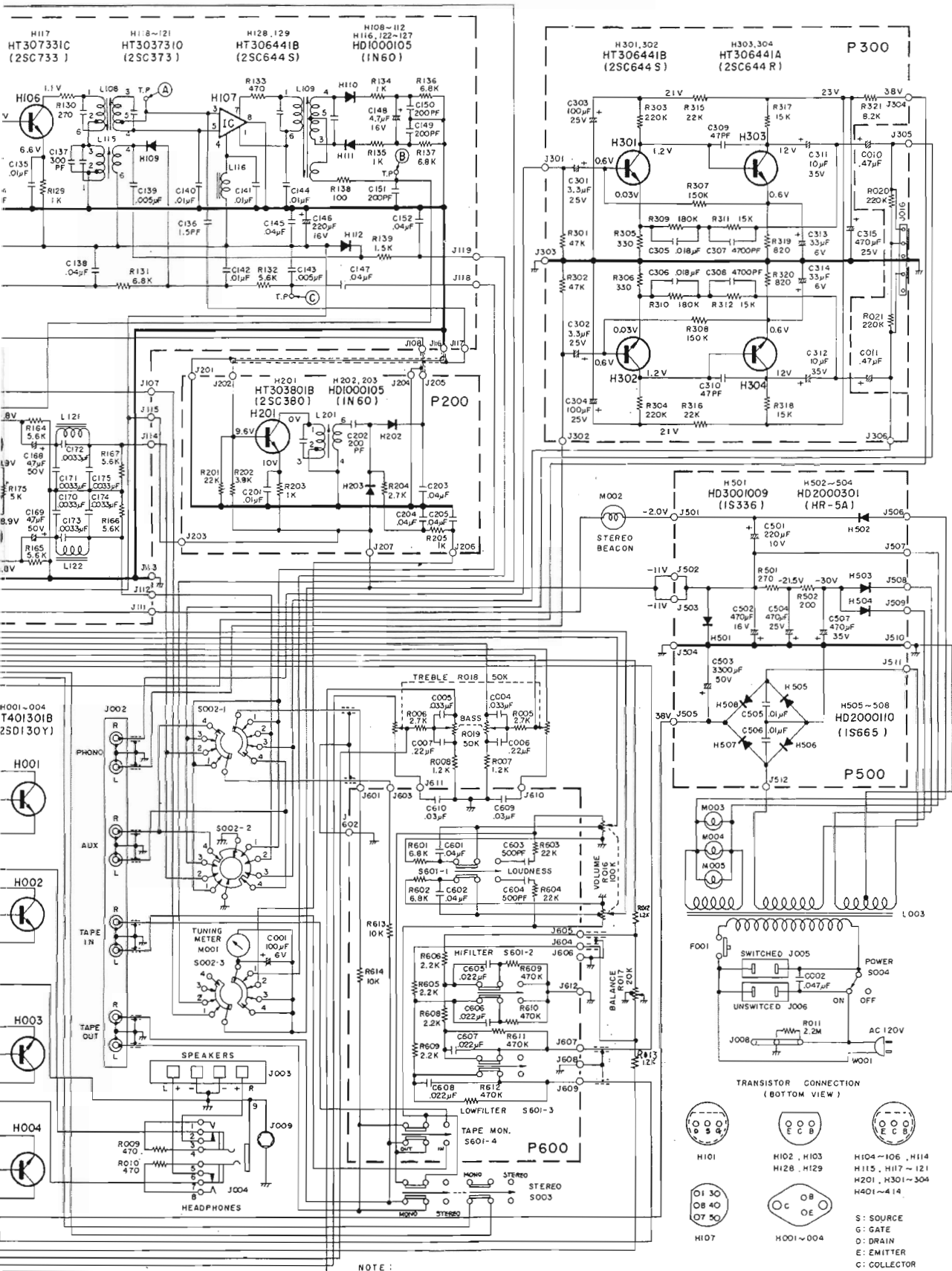


Figure 9 Tape Mon-Loudness-Low Fil-High Fil Circuit



NOTE:
S002 POSITION
1. AM
2. FM
3. PHONO
4. AUX

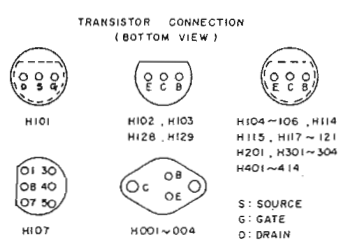
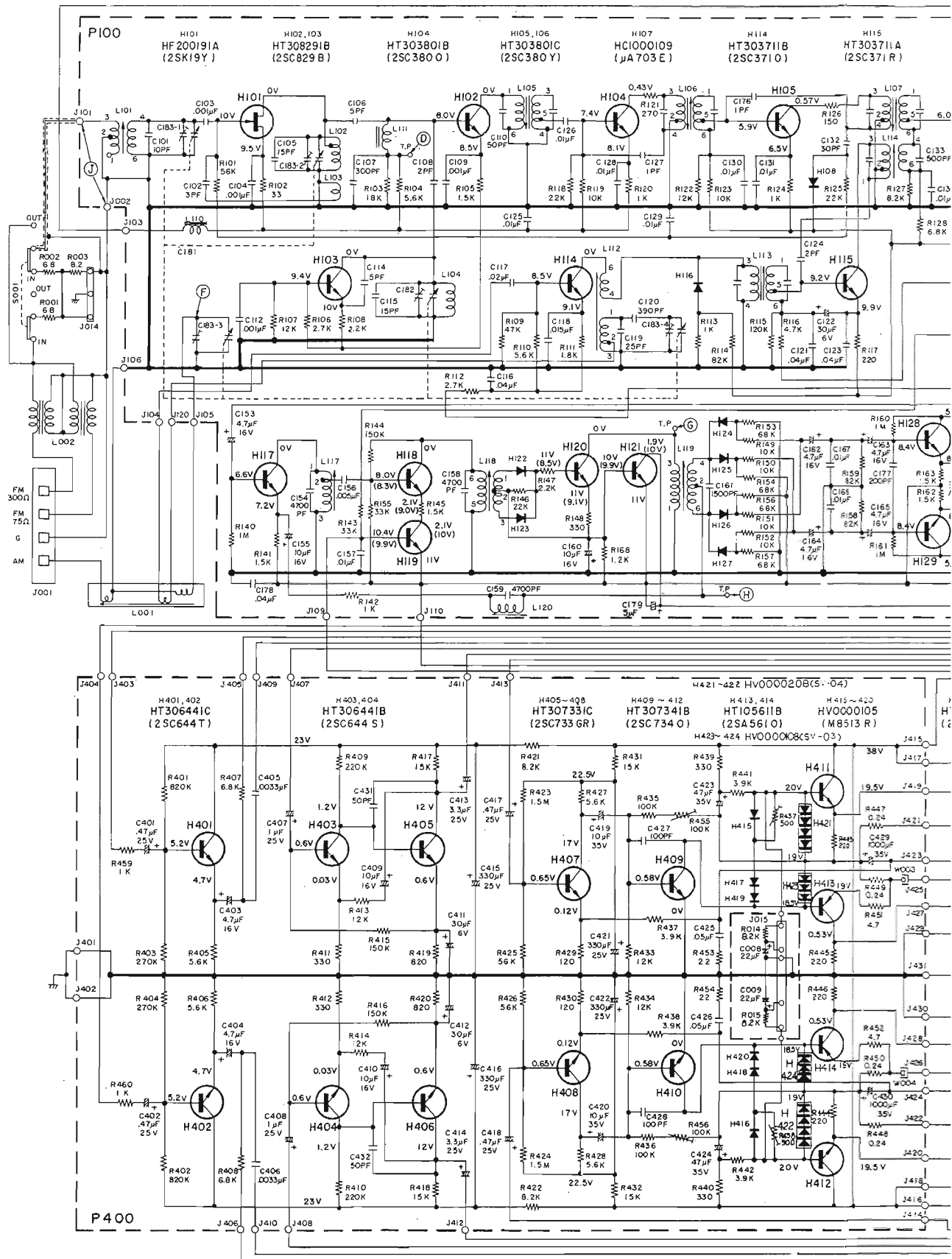


Figure 10 Schematic Diagram of Model 26



1. Voltages are measured at no signal with DC VTVM from common positive ground.
2. Voltages in parentheses are values measured at 1K μ V FM stereo signal applied. Stereo switch in stereo position.

5002-1 ~ 5002-3

ALL SWITCHES VIEWED FROM FRONT AND SHOWN IN EXTREME CLOCKWISE POSITION # 4 AUX

PARTS LIST

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
A001	2611063012	Escutcheon	B032	2611055010	Collar, for VC
A002	2611257012	Vinyl coated Metal Cabinet	B033	2611055010	Collar, for VC
A003	2611103012	Pointer	B034	2611055020	Collar, for fitting with ornamental plate
A004	2611265012	Indicator(on Back Plate)	B035	2611055020	Collar, for fitting with ornamental plete
A009	2577273010	Flywheel	B036	2611109030	Shield, for antenna terminal
A010	2577063022	Escutcheon(upper)	B037	2611109020	Shield, for V.C.
A011	2577063032	Escutcheon(down)	B048	2577160170	Bracket for circuit breaker
A012	2577067022	Small Knob cap for push button	B041	2577112012	Shaft for Flywheel
A013	2577067022	Small Knob cap for push button	B043	2577106500	Bearing kits, flywheel bearing
A014	2577067022	Small Knob cap for push button	B047	2578160520	Bracket kits, for fittings with antenna core
A015	2577067022	Small Knob cap for push button	B053	71400239Q2	Spring for stereo lamp cover
A016	2577067022	Small Knob cap for push button	B054	71400219Q0	Spring, for loosing proof
A017	2577067022	Small Knob cap for push button	B055	71101239M0	Spring for Dial stringing clamper
A018	2578067010	Large Knob cap for push button	B061	2597160500	Bracket kits for dial stringing
A019	2578067010	Large Knob cap for push button	B067	1202258010	Hook for dial stringing
A020	2578067010	Large Knob cap for push button	B068	1382005030	Clamper for Lead
A021	2578067010	Large Knob cap for push button	B069	1382005030	Clamper for Lead
A022	2578067010	Large Knob cap for push button	B070	1382005030	Clamper for Lead
A531	2611302010	Dial	B071	1382005030	Clamper for Lead
A532	2577053012	Stereo Lamp Cover	B072	1382005030	Clamper for Lead
A533	2577154020	Push switch knob	B073	1382005030	Clamper for Lead
A534	2577154020	Push switch knob	B074	1382005030	Clamper for Lead
A535	2577154020	Push switch knob	B075	1382005030	Clamper for Lead
A541	2577154020	Push switch knob	B076	1382005030	Clamper for Lead
A542	2577154020	Push switch knob	B077	1382005030	Clamper for Lead
A543	2577154020	Push switch knob	B078	1382005030	Clamper for Lead
A544	2578154010	Control Knob	B501	2611053012	Cover for damage proof
A545	2578154010	Control Knob	B506	2577106020	Bearing
A546	2578154010	Control Knob	B507	2577053030	Cover paper for light leakage
A547	2578154010	Control Knob	B508	2577053040	Cover, for Dial lamp
A548	2578154010	Control Knob	B509	2577053040	Cover, for Dial lamp
B001	2611105012	Bottom Chassis	B510	2577118010	Spacer for dial pointer
B002	2611160502	Bracket kits for fitting plate for Front Panel	B511	2577118030	Spacer for light leakage
B008	2611160023	Bracket for Terminal	B512	2577118040	Spacer for light leakage
B009	2611160030	Brecket, front reinforcement for tlywheel side	B513	2577118050	Spacer for light leakage
B010	2611160030	Bracket, rear reinforcement for transformer side	B514	2577159020	Drum
B011	2611160040	Bracket, front reinforcement for headphone Jack side	B515	2577262010	Pulley
B012	2611160050	Bracket, rear reinforcement for Variable condenser side	B516	2577262010	Pulley
B013	2611257020	Bottom Lid	B517	2577262010	Pulley
B014	2611005010	Clamper, fitting for meter	B520	1271262010	Pulley, Tension pulley
B021	2611160510	Bracket kits, fitting for pulley	B521	2506057010	Leg
B027	2611109010	Shield for audio terminal	B522	2506057010	Leg
B028	2611109020	Shield for Variable condenser	B523	2506057010	Leg
B029	2611109020	Shield for Variable condenser	B524	2506057010	Leg
B030	2611267010	Heat Sink	B527	1455259010	Bushing for AC cord
B031	2611267010	Heat Sink	B528	1455259010	Bushing for antenna lead
			B529	1415118010	Spacer for Mylar
			B530	72081604A0	Dial string
			B531	73033010A0	Buffer Pad
			B532	73033010A0	Buffer Pad

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
D001	51570305B0	P. H. Tap Screw, for PC board	D102	51060305E9	P. H. M. Screw
D002	51570305B0	P. H. Tap Screw, for PC board	D103	51060305E9	P. H. M. Screw
D003	51570305B0	Pan Head Tap Screw for P. C. Board	D106	51060305E9	P. H. M. Screw
D004	51570305B0	Pan Head Tap Screw for P. C. Board	D107	51060305E9	P. H. M. Screw
D005	51570305B0	Pan Head Tap Screw for P. C. Board	D108	51060305E9	P. H. M. Screw
D006	51570305B0	Pan Head Tap Screw for P. C. Board	D109	51060305E9	P. H. M. Screw
D007 thru D022	51570305B0	Pan Head Tap Screw for P. C. Board	D110	51060305E9	P. H. M. Screw
D023	51570305B0	Pan Head Tap Screw for Speaker terminal	D112	51060305E9	P. H. M. Screw
D024	51570305B0	Pan Head Tap Screw for Speaker terminal	D113	51060305E9	P. H. M. Screw
D025	51570305B0	Pan Head Tap Screw for audio terminal	D121	51060305E9	P. H. M. Screw
D026	51570305B0	Pan Head Tap Screw for audio terminal	D122	51060305E9	P. H. M. Screw
D027	51570305B0	P. T. Tap Screw for antenna terminal	D123	51060305E9	P. H. M. Screw
D028	51570305B0	P. T. Tap Serew for antenna terminal	D124	51060305E9	P. H. M. Screw
D029	51570305B0	P. T. Tap Screw for indicating plate	D125	51060305E9	P. H. M. Screw
D030	51570305B0	P. T. Tap Screw for indicating plate	D129	51060308E9	P. H. M. Screw
D041 thru D057	51570305B0	P. T. Tap Screw	D130	51060308E9	P. H. M. Screw
D063	51570308R0	P. T. Tap Screw for Heat Sink	D136	51060406E9	P. H. M. Screw
D064	51570308R0	P. T. Tap Screw for Heat Sink	D137	51060406E9	P. H. M. Screw
D072	51042608E0	Flat Head Screw affixing for AC Socket	D138	51060406E9	P. H. M. Screw
D073 thru D075	51042608E0	Flat Head Screw affixing for AC Socket	D139	51060406E9	P. H. M. Screw
D081	51060305E9	P. H. M. Screw	D141	51060408E9	P. H. M. Screw
D082	51060305E9	P. H. M. Screw	D142	51060408E9	P. H. M. Screw
D083	51060305E9	P. H. M. Screw	D143	51060408E9	P. H. M. Screw
D084	51060305E9	P. H. M. Screw	D144	51060408E9	P. H. M. Screw
D085	51060305E9	P. H. M. Screw	D146	51060412E9	P. H. M. Screw
D086	51060305E9	P. H. M. Screw	D147	51060412E9	P. H. M. Screw
D087	51060305E9	P. H. M. Screw	D148	51060412E9	P. H. M. Screw
D088	51060305E9	P. H. M. Screw	D149	51060412E9	P. H. M. Screw
D089	51060305E9	P. H. M. Screw	D161	51140305E9	O. C. H M. Screw
D090	51060305E9	P. H. M. Screw	D162	51140305E9	O. C. H M. Screw
D091	51060305E9	P. H. M. Screw	D163	51140305E9	O. C. H M. Screw
D092	51060305E9	P. H. M. Screw	D164	51140305E9	O. C. H M. Screw
D093	51060305E9	P. H. M. Screw	D165	51140305E9	O. C. H M. Screw
D094	51060305E9	P. H. M. Screw	D166	51140305E9	O. C. H M. Screw
D095	51060305E9	P. H. M. Screw	D167	51140305E9	O. C. H M. Screw
D096	51060305E9	P. H. M. Screw	D168	51140305E9	O. C. H M. Screw
D097	51060305E9	P. H. M. Screw	D171	53112603E0	Hexagon Nut
D098	51060305E9	P. H. M. Screw	D172	53112603E0	Hexagon Nut
D099	51060305E9	P. H. M. Screw	D173	53112603E0	Hexagon Nut
D100	51060305E9	P. H. M. Screw	D174	53112603E0	Hexagon Nut
D101	51060305E9	P. H. M. Screw	D176	53110303E9	Hexagon Nut
			D177	53110303E9	Hexagon Nut
			D180	53110403E9	Hexagon Nut
			D181	53110403E9	Hexagon Nut
			D182	53110403E9	Hexagon Nut
			D183	53110403E9	Hexagon Nut
			D184	53110403E9	Hexagon Nut
			D185	53110403E9	Hexagon Nut
			D186	53110403E9	Hexagon Nut
			D187	53110403E9	Hexagon Nut
			D188	53110403E9	Hexagon Nut
			D201	51122608E0	T. H. M. Screw
			D202	51122608E0	T. H. M. Screw
			D206	51100406S9	B. H. M. Screw
			D207	51100406S9	B. H. M. Screw
			D208	51100406S9	B. H. M. Screw
			D209	51100406S9	B. H. M. Screw
			D211	54052600R0	T. L. Washer OR
			D212	54052600R0	T. L. Washer OR
			D213	54052600R0	T. L. Washer OR
			D214	54052600R0	T. L. Washer OR

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
D191	53110603E0	Hexagon Nut	R128	RT10682140	6.8K Ω \pm 10% 1/4W, Carbon Film
D216	54040302N0	Spring Washer	R129	RT10102140	1K Ω \pm 10% 1/4W, Carbon Film
D217	54040302N0	Spring Washer	R130	RT10271140	270 Ω \pm 10% 1/4W, Carbon Film
D220	54040402N0	Spring Washer	R131	RT10822140	8.2K Ω \pm 10% 1/4W, Carbon Film
D221	54040402N0	Spring Washer	R132	RT10562140	5.6K Ω \pm 10% 1/4W, Carbon Film
D222	54040402N0	Spring Washer	R133	RT10470140	47 Ω \pm 10% 1/4W, Carbon Film
D223	54040402N0	Spring Washer	R134	RT10102140	1K Ω \pm 10% 1/4W, Carbon Film
D224	54040402N0	Spring Washer	R135	RT10102140	1K Ω \pm 10% 1/4W, Carbon Film
D225	54040402N0	Spring Washer	R136	RT10682140	6.8K Ω \pm 10% 1/4W, Carbon Film
D226	54040402N0	Spring Washer	R137	RT10682140	6.8K Ω \pm 10% 1/4W, Carbon Film
D227	54040402N0	Spring Washer	R138	RT10101140	100 Ω \pm 10% 1/4W, Carbon Film
D228	54040402N0	Spring Washer	R139	RT10222140	2.2K Ω \pm 10% 1/4, Carbon Film
D229	54040402N0	Spring Washer	R140	RT10105140	1M Ω \pm 10% 1/4W, Carbon Film
D230	54040402N0	Spring Washer	R141	RT10152140	1.5K Ω \pm 10% 1/4W, Carbon Film
D231	54040402N0	Spring Washer	R142	RT10102140	1K Ω \pm 10% 1/4W, Carbon Film
D232	54040402N0	Spring Washer	R143	RT10333140	33K Ω \pm 10% 1/4W, Carbon Film
D241	54040602B0	Spring Washer	R144	RT10105140	1M Ω \pm 10% 1/4W, Carbon Film
D245	54050300R0	T. L. Sasher OR	R145	RT10152140	1.5K Ω \pm 10% 1/4W, Carbon Film
D246	54050300R0	T. L. Sasher OR	R146	RT10223140	22K Ω \pm 10% 1/4W, Carbon Film
D249	54050400R0	T. L. Sasher OR	R147	RT10222140	2.2K Ω \pm 10% 1/4W, Carbon Film
D252	54020401S0	Flat Washer P	R148	RT10331140	330 Ω \pm 10% 1/4W, Carbon Film
D253	54020401S0	Flat Washer P	R149	RT10103140	10K Ω \pm 10% 1/4W, Carbon Film
D254	54020401S0	Flat Washer P	R150	RT10103140	10K Ω \pm 10% 1/4W, Carbon Film
D255	54020401S0	Flat Washer P	R151	RT10103140	10K Ω \pm 10% 1/4W, Carbon Film
D258	62041760W0	Lug	R152	RT10103140	10K Ω \pm 10% 1/4W, Carbon Film
D261	5164041209	Set Screw C. P.	R153	RT10683140	68K Ω \pm 10% 1/4W, Carbon Film
D263	5165030409	Set Screw H. P.	R154	RT10683140	68K Ω \pm 10% 1/4W, Carbon Film
D264	51650304D9	Set Screw H. P.	R155	RT10683140	68K ohm \pm 10% 1/4W, Carbon Film
D267	64002400R0	RG Ring E	R157	RT10683140	68K ohm \pm 10% 1/4W, Carbon Film
D268	64002400R0	RG Ring E	R158	RT10823140	82K ohm \pm 10% 1/4W, Carbon Film
D269	64002400R0	RG Ring E	R159	RT10823140	82K ohm \pm 10% 1/4W, Carbon Film
D270	64002400R0	RG Ring E	R160	RT10105140	1M ohm \pm 10% 1/4W, Carbon Film
D272	56382040G0	Eyelet	R161	RT10105140	1M ohm \pm 10% 1/4W, Carbon Film
P100	YD26110010	PC Board, FM/AM/MPX Front End	R162	RT10152140	1.5K ohm \pm 10% 1/4W, Carbon Film
R101	RT10563140	56K Ω \pm 10% 1/4W, Carbon Film	R163	RT10152140	1.5K ohm \pm 10% 1/4W, Carbon Film
R102	RT10330140	33 Ω \pm 10% 1/4W, Carbon Film	R164	RT10562140	5.6K ohm \pm 10% 1/4W, Carbon Film
R103	RT10183140	18K Ω \pm 10% 1/4W, Carbon Film	R165	RT10562140	5.6K ohm \pm 10% 1/4W, Carbon Film
R104	RT10562140	5.6K Ω \pm 10% 1/4W, Carbon Film	R166	RT10562140	5.6K ohm \pm 10% 1/4W, Carbon Film
R105	RT10152140	1.5K Ω \pm 10% 1/4W, Carbon Film	R167	RT10562140	5.6K ohm \pm 10% 1/4W, Carbon Film
R106	RT10272140	2.7K Ω \pm 10% 1/4W, Carbon Film	R175	RA05020050	5K ohm (B) \pm 20%, Trimmer
R107	RT10223140	2.2K Ω \pm 10% 1/4W, Carbon Film	C101	DD12100010	10pF \pm 1pF, Ceramic
R108	RT10122140	1.2K Ω \pm 10% 1/4W, Carbon Film	C102	DD12030010	3pF \pm 1pF, Ceramic
R109	RT10273140	27K Ω \pm 10% 1/4W, Carbon Film	C103	DK17102010	0.001uF \pm 20%, Ceramic
R110	RT10562140	5.6K Ω \pm 10% 1/4W, Carbon Film	C104	DK17102010	0.001uF \pm 20%, Ceramic
R111	RT10222140	2.2K Ω \pm 10% 1/4W, Carbon Film	C105	DD16150010	15pF \pm 10% Ceramic
R112	RT10272140	2.7K Ω \pm 10% 1/4W, Carbon Film	C106	DD12050010	5pF \pm 1pF, Ceramic
R113	RT10102140	1K Ω \pm 10% 1/4W, Carbon Film	C107	DD15301012	300pF \pm 5%, Ceramic
R114	RT10473140	47K Ω \pm 10% 1/4W, Carbon Film	C108	DD11020040	2pF \pm 0.5pF, Ceramic
R115	RT10124140	120K Ω \pm 10% 1/4W, Carbon Film	C109	DK17102010	0.001uF \pm 20%, Ceramic
R116	RT10472140	4.7K Ω \pm 10% 1/4W, Carbon Film	C110	DD25500010	50pF \pm 5%, Ceramic
R117	RT10221140	220 Ω \pm 10% 1/4W, Carbon Film	C111	DD12030010	3pF \pm 1pF Ceramic
R118	RT10223140	22K Ω \pm 10% 1/4W, Carbon Film	C112	DK17102010	0.001uF \pm 20%, Ceramic
R119	RT10103140	10K Ω \pm 10% 1/4W, Carbon Film	C113	DD15400040	40pF \pm 5%, Ceramic
R120	RT10152140	1.5K Ω \pm 10% 1/4W, Carbon Film	C114	DD11050020	5pF \pm 10%, Ceramic
R121	RT10271140	270 Ω \pm 10% 1/4W, Carbon Film	C115	DD16150040	15pF \pm 10%, Ceramic
R122	RT10183140	18K Ω \pm 10% 1/4W, Carbon Film	C116	DK18403010	0.04uF +100% -0%, Ceramic
R123	RT10103140	10K Ω \pm 10% 1/4W, Carbon Film	C117	DF17223010	0.02uF \pm 20%, Myler
R124	RT10102140	1K Ω \pm 10% 1/4W, Carbon Film	C118	DK17103010	0.01uF \pm 20%, Ceramic
R125	RT10223140	22K Ω \pm 10% 1/4W, Carbon Film	C119	DD16250010	25pF \pm 10%, Ceramic
R126	RT10151140	150 Ω \pm 10% 1/4W, Carbon Film	C120	DF65391500	390pF \pm 5%, Poly
R127	RT10153140	15K Ω \pm 10% 1/4W, Carbon Film	C121	DK18403020	0.04uF +100% -0%, Ceramic
			C122	EA33600610	6V 30uF +100% -20%, Elect

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
C123	DK18403010	0.04uF +100% -0%, Ceramic	H107	HC10001090	UA703E, Transistor
C124	DD10010010	1pF ±0.25pF, Ceramic	H108	HD10001050	1N60, Diode
C125	DK17103010	0.01uF ±20%, Ceramic	H109	HD10001050	1N60, Diode
C126	DK17103010	0.01uF ±20%, Ceramic	H110	HD10001050	1N60, Diode
C127	DD10010010	1pF ±0.25%, Ceramic	H111	HD10001050	1N60, Diode
C128	DK17103010	0.01uF ±20%, Ceramic	H112	HD10001050	1N60, Diode
C129	DK17103010	0.01uF ±20%, Ceramic	H114	HT303711B0	2SC3710, Transistor
C130	DK17103010	0.01uF ±20%, Ceramic	H115	HT303711A0	Transistor 2SC371R
C131	DK17103010	0.01uF ±20%, Ceramic	H116	HD10001050	Diode, 1N60
C132	DD16300010	30pF ±10%, Ceramic	H117	HT307331C0	Transistor, 2SC733
C133	DD16501010	500pF ±10%, Ceramic	H118	HT30373100	Transistor, 2SC373
C134	DK17103010	0.01uF ±20%, Ceramic	H119	HT30373100	Transistor, 2SC373
C135	DK17103010	0.01uF ±20%, Ceramic	H120	HT30373100	Transistor, 2SC373
C136	DD10015010	1.5pF ±0.25pF, Ceramic	H121	HT30373100	Transistor, 2SC373
C137	DD15301010	300pF ±5%, Ceramic	H122	HD10001050	Diode, 1N 60
C138	DK18403010	0.04uF +100% -0%, Ceramic	H123	HD10001050	Diode, 1N60
C139	DK17502010	0.005uF ±20%, Ceramic	H124	HD10001050	Diode, 1N60
C140	DK17103010	0.01uF ±20%, Ceramic	H125	HD10001050	Diode, 1N60
C141	DK17103010	0.01uF ±20%, Ceramic	H126	HD10001050	Diode, 1N60
C142	DF17472010	0.005uF ±20%, Myler	H127	HD10001050	Diode, 1N60
C143	DF17472010	0.005uF ±20%, Myler	H128	HT306441B0	Transistor, 2SC644S
C144	DK17103010	0.01uF ±20%, Ceramic	H129	HT306441B0	Transistor, 2SC644S
C145	DK18403010	0.04uF +100% -0%, Ceramic	L101	LA10046060	Ant. Coil, FM Ant. Coil
C146	EA22701640	16V 220uF +100% -20%, Elect.	L102	LK10505060	Coil, FM RF Coil
C147	DK18403010	0.04uF +100% -20%, Ceramic	L103	LL20505050	Coil, FM RF Coil
C148	EA47501620	16V 4.7uF, Elect.	L104	LK10505050	Coil, FM OSC Coil
C149	DD16201010	200pF ±20%, Ceramic	L105	LI14016150	IFT, FM IFT 1
C150	DD16201010	200pF ±20%, Ceramic	L106	LI14016170	IFT, FM IFT 2
C151	DD16201010	200pF ±20%, Ceramic	L107	LI14016170	IFT, FM IFT 3
C152	DK18403010	0.04uF +100% -20%, Ceramic	L108	LI14016180	IFT, FM IFT 4
C153	EA47501620	16V 4.7uF, Elect.	L109	LI14016043	IFT, FM IFT 5
C154	DF55472010	4700pF ±5%, Poly.	L110	LC16820010	Choke Coil, 6.8uH
C155	EA10601620	16V 10uF, Elect.	L111	LC16810010	Choke Coil, 0.68uH
C156	DK17502010	0.005uF ±20%, Ceramic	L112	LO10010340	OSC Coil, AM OSC Coil
C157	DK17103010	0.01uF ±20%, Ceramic	L113	LI14010020	IFT, AM IFT 1
C158	DF55472010	4700pF ±5%, Poly.	L114	LI10010130	IFT, AM IFT 2
C159	DF55472010	4700pF ±5%, Poly.	L115	LI10010480	IFT, AM IFT 3
C160	EA10601620	16V 10uF, Elect.	L116	LC16820010	Choke Coil, 6.8uH
C161	DF16152010	1500pF ±10%, Myler	L117	LS10010010	MPX Coil, 19Kc
C162	EA47501620	16V 4.7uF, Elect.	L118	LS10010020	MPX Coil, 19Kc. Double
C163	EA47501620	16V 4.7uF, Elect.	L119	LS10010030	MPX Coil, 38Kc
C164	EA47501620	16V 4.7uF, Elect.	L120	LS10010050	MPX Coil, 67Kc
C165	EA47501620	16V 4.7uF, Elect.	L121	LC22260010	Choke Coil, 22MH
C166	DF17223010	0.02uF ±20%, Myler	L122	LC22260010	Choke Coil, 22MH
C167	DF17223010	0.02uF ±20%, Myler	J101	YP10000360	Plug,
C168	EA47405010	50V 0.47uF, Elect.	J102	YP10000360	Plug,
C169	EA47405010	50V 0.47uF Elect.	J103	YP10000360	Plug,
C170	DF16332010	0.0033uF ±10%, Myler.	J104	YP10000360	Plug,
C171	DF16332010	0.0033uF ±10%, Myler.	J105	YP10000360	Plug,
C172	DF16332010	0.0033uF ±10%, Myler.	J106	YP10000360	Plug,
C173	DF16332010	0.0033uF ±10%, Myler.	J107	YP10000360	Plug,
C174	DF16332010	0.0033uF ±10%, Myler.	J108	YP10000360	Plug,
C175	DF16332010	0.0033uF ±10%, Myler.	J109	YP10000360	Plug,
C181	CA32000100	FM3G AM2G, Variable	J110	YP10000360	Plug,
C182	CT11000010	Trimmer	J111	YP10000360	Plug,
C183	CT41300010	Trimmer	J112	YP10000360	Plug,
H101	HF200191A0	2SK19Y, FET	J113	YP10000360	Plug,
H102	HT308291B0	2SC829B, Transistor	J114	YP10000360	Plug,
H103	HT308291B0	2SC829B, Transistor	J115	YP10000360	Plug,
H104	HT303801B0	2SC800, Transistor	J116	YP10000360	Plug,
H105	HT303801C0	2SC380Y, Transistor	J117	YP10000360	Plug,
H106	HT303801C0	2SC380Y, Transistor	J118	YP10000360	Plug,

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
J119	YP10000360	Plug,	J304	YP10000360	Plug
J120	YP10000360	Plug,	J305	YP10000360	Plug
P200	YD26110020	PC Board, Meter Amp.	J306	YP10000360	Plug
H201	HT303801B	Transistor, 2SC3800	H301	HT306441B0	Transistor, 2SC644 (S)
H202	HD10001050	Diode, 1N60	H302	HT306441B0	Transistor, 2SC644 (S)
H203	HD10001050	Diode, 1N60	H303	HT306441A0	Transistor, 2SC644 (R)
L201	LI10156060	IFT, 10.7MHz. Amp.	H304	HT306441A0	Transistor, 2SC644 (R)
R201	RT10223140	22K ohm $\pm 10\%$, Carbon Film	P400	YD26110040	PC Board <i>222-6110-042 complete</i>
R202	RT10103140	10K ohm $\pm 10\%$, Carbon Film	R401	RN10824140	820K ohm $\pm 10\%$ 1/4W, Carbon Film
R203	RT10102140	1K ohm $\pm 10\%$, Carbon Film	R402	RN10824140	820K ohm $\pm 10\%$ 1/4W, Carbon Film
R204	RT10272140	2.7K ohm $\pm 10\%$, Carbon Film	R403	RN10274140	270K ohm $\pm 10\%$ 1/4W, Carbon Film
R205	RT10182140	1.8K ohm $\pm 10\%$, Carbon Film	R404	RN10274140	270K ohm $\pm 10\%$ 1/4W, Carbon Film
C201	DK17103010	0.01uF $\pm 20\%$, Ceramic	R405	RT10562140	5.6K ohm $\pm 10\%$ 1/4W, Carbon Film
C202	DD16201010	200pF $\pm 20\%$, Ceramic	R406	RT10562140	5.6K ohm $\pm 10\%$ 1/4W, Carbon Film
C203	DK18403010	0.04uF +100%, -0%, Ceramic	R407	RT10682140	6.8K ohm $\pm 10\%$ 1/4W, Carbon Film
C204	DK18403010	0.04uF +100%, -0%, Ceramic	R408	RT10682140	6.8K ohm $\pm 10\%$ 1/4W, Carbon Film
C205	DK18403010	0.04uF +100%, -0%, Ceramic	R409	RN10223140	220K ohm $\pm 10\%$ 1/4W, Carbon Film
J201	YP10000360	Plug	R410	RN10224140	220K ohm $\pm 10\%$ 1/4W, Carbon Film
J202	YP10000360	Plug	R411	RT10331140	330 ohm $\pm 10\%$ 1/4W, Carbon Film
J203	YP10000360	Plug	R412	RT10331140	330 ohm $\pm 10\%$ 1/4W, Carbon Film
J204	YP10000360	Plug	R413	RT10123140	12K ohm $\pm 10\%$ 1/4W, Carbon Film
J205	YP10000360	Plug	R414	RT10123140	12K ohm $\pm 10\%$ 1/4W, Carbon Film
J206	YP10000360	Plug	R415	RN10154140	150K ohm $\pm 10\%$ 1/4W, Carbon Film
J207	YP10000360	Plug	R416	RN10154140	150K ohm $\pm 10\%$ 1/4W, Carbon Film
P300	YD26110030	PC Board, Phono Amp.	R417	RN10153140	15K ohm $\pm 10\%$ 1/4W, Carbon Film
R301	RT10683140	68K ohm $\pm 10\%$ 1/4W, Carbon Film	R418	RN10153140	15K ohm $\pm 10\%$ 1/4W, Carbon Film
R302	RT10683140	68K ohm $\pm 10\%$ 1/4W, Carbon Film	R419	RT10821140	820 ohm $\pm 10\%$ 1/4W, Carbon Film
R303	RN10224140	220K ohm $\pm 10\%$ 1/4W, Carbon Film	R420	RT10821140	820 ohm $\pm 10\%$ 1/4W, Carbon Film
R304	RN10224140	220K ohm $\pm 10\%$ 1/4W, Carbon Film	R421	RT10822140	8.2K ohm $\pm 10\%$ 1/4W, Carbon Film
R305	RT10331140	330 ohm $\pm 10\%$ 1/4W, Carbon Film	R422	RT10822140	8.2K ohm $\pm 10\%$ 1/4W, Carbon Film
R306	RT10331140	330 ohm $\pm 10\%$ 1/4W, Carbon Film	R423	RN10155140	1.5M ohm $\pm 10\%$ 1/4W, Carbon Film
R307	RN10154140	150K ohm $\pm 10\%$ 1/4W, Carbon Film	R424	RN10155140	1.5M ohm $\pm 10\%$ 1/4W, Carbon Film
R308	RN10154140	150K ohm $\pm 10\%$ 1/4W, Carbon Film	R425	RN10593140	56K ohm $\pm 10\%$ 1/4W, Carbon Film
R309	GT05184120	180K ohm $\pm 5\%$ 1/2W, Carbon Film	R426	RN10593140	56K ohm $\pm 10\%$ 1/4W, Carbon Film
R310	GT05184120	180K ohm $\pm 5\%$ 1/2W, Carbon Film	R427	RT10592140	5.6K ohm $\pm 10\%$ 1/4W, Carbon Film
R311	GT05153120	15K ohm $\pm 10\%$ 1/2W, Carbon Film	R428	RT10592140	5.6K ohm $\pm 10\%$ 1/4W, Carbon Film
R312	GT05153120	15K ohm $\pm 5\%$ 1/2W, Carbon Film	R429	RT10121140	120 ohm $\pm 10\%$ 1/4W, Carbon Film
R315	RT10223140	22K ohm $\pm 10\%$ 1/4W, Carbon Film	R430	RT10121140	120 ohm $\pm 10\%$ 1/4W, Carbon Film
R316	RT10223140	22K ohm $\pm 10\%$ 1/4W, Carbon Film	R431	RT10153140	15K ohm $\pm 10\%$ 1/4W, Carbon Film
R317	RN10153140	15K ohm $\pm 10\%$ 1/4W, Carbon Film	R432	RT10153140	15K ohm $\pm 10\%$ 1/4W, Carbon Film
R318	RN10153140	15K ohm $\pm 10\%$ 1/4W, Carbon Film	R433	RT10123140	12K ohm $\pm 10\%$ 1/4W, Carbon Film
R319	RT10821140	820 ohm $\pm 10\%$, 1/4W, Carbon Film	R434	RT10123140	12K ohm $\pm 10\%$ 1/4W, Carbon Film
R320	RT10821140	820 ohm $\pm 10\%$, 1/4W, Carbon Film	R435	RT10154140	150K ohm $\pm 10\%$ 1/4W, Carbon Film
R321	RT10822140	8.2K ohm $\pm 10\%$, 1/4W, Carbon Film	R436	RT10154140	150K ohm $\pm 10\%$ 1/4W, Carbon Film
C301	EV33502510	3.3uF 25V, Elect.	R437	RT10392140	3.9K ohm $\pm 10\%$ 1/4W, Carbon Film
C302	EV33502510	3.3uF 25V, Elect.	R438	RT10392140	3.9K ohm $\pm 10\%$ 1/4W, Carbon Film
C303	EA10702520	100uF 25V, Elect.	R439	RC10331120	330 ohm $\pm 10\%$ 1/4W, Solid
C304	EA10702520	100uF 25V, Elect.	R440	RC10331120	330 ohm $\pm 10\%$ 1/4W, Solid
C305	DF55183010	0.018uF $\pm 5\%$ 50V, Poly.	R441	RC10392120	3.9K ohm $\pm 10\%$ 1/4W, Solid
C306	DF55183010	0.018uF $\pm 5\%$ 50V, Poly.	R442	RC10392120	3.9K ohm $\pm 10\%$ 1/4W, Solid
C307	DF55472010	4700pF $\pm 5\%$ 50V, Poly.	R443	RC10221120	220 ohm $\pm 10\%$ 1/4W, Solid
C308	DF55472010	4700pF $\pm 5\%$ 50V, Poly.	R444	RC10221120	220 ohm $\pm 10\%$ 1/4W, Solid
C309	DD16470010	47pF $\pm 10\%$, Ceramic	R445	RC10221120	220 ohm $\pm 10\%$ 1/4W, Solid
C310	DD16470010	47pF $\pm 10\%$, Ceramic	R446	RC10221120	220 ohm $\pm 10\%$ 1/4W, Solid
C311	EA10603510	10uF 35V, Elect.	R447	GW10502020	0.5 ohm $\pm 10\%$ 1/4W, Solid
C312	EA10603510	10uF 35V, Elect.	R448	GW10502020	0.5 ohm $\pm 10\%$ 1/4W, Solid
C313	EA33600610	33uF 6V, Elect.	R449	GW10502020	0.5 ohm $\pm 10\%$ 1/4W, Solid
C314	EA33600610	33uF 6V, Elect.	R450	GW10502020	0.5 ohm $\pm 10\%$ 1/4W, Solid
C315	EA22702520	220uF 25V, Elect.	R451	RC10047120	4.7 ohm $\pm 10\%$ 1/4W, Solid
J301	YP10000360	Plug	R452	RC10047120	4.7 ohm $\pm 10\%$ 1/4W, Solid
J302	YP10000360	Plug	R453	RC10220120	22 ohm $\pm 10\%$ 1/2W, Solid
J303	YP10000360	Plug	R454	RC10220120	22 ohm $\pm 10\%$ 1/2W, Solid

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
R455	RA01040060	100K ohm, Trimmer	J427	YP10000360	Plug
R456	RA01040060	100K ohm, Trimmer	J428	YP10000360	Plug
R457	RA01020010	1K ohm, Trimmer	J429	YP10000360	Plug
R458	RA01020010	1K ohm, Trimmer	J430	YP10000360	Plug
C401	EM47402510	5uF 25V, Elect.	J431	YP10000360	Plug
C402	EM47402510	5uF 16V, Elect.	W003	YW25430110	Wiring material
C403	EA47501620	4.7uF 16V, Elect.	W004	YW25430120	Wiring material
C404	EA47501620	4.7uF 16V, Elect.	H401	HT306441C0	Transistor, 2SC644(T)
C405	DF17332010	0.0033uF ±20%, Myler	H402	HT306441C0	Transistor, 2SC644(T)
C406	DF17332010	0.0033uF ±20%, Myler	H403	HT306441B0	Transistor, 2SC644(S)
C407	EV10502510	1uF 25V, Elect.	H404	HT306441B0	Transistor, 2SC644(S)
C408	EV10502510	1uF 25V, Elect.	H405	HT307331C0	Transistor, 2SC733(GR)
C409	EA10601620	10uF 16V, Elect.	H406	HT307331C0	Transistor, 2SC733(GR)
C410	EA10601620	10uF 16V, Elect.	H407	HT307331C0	Transistor, 2SC733(GR)
C411	EA33600610	30uF 6V, Elect.	H408	HT307331C0	Transistor, 2SC733(GR)
C412	EA33600610	30uF 6V, Elect.	H409	HT307341B0	Transistor, 2SC734(O)
C413	EV33502510	3.3uF 25V, Elect.	H410	HT307341B0	Transistor, 2SC734(O)
C414	EV33502510	3.3uF 25V, Elect.	•H411	HT307341B0	Transistor, 2SC734(O)
C415	EA33702510	330uF 25V, Elect.	•H412	HT307341B0	Transistor, 2SC734(O)
C416	EA33702510	330uF 25V, Elect.	•H413	HT105611B0	Transistor, 2SA561(O)
C417	EV33502510	3.3uF 25V, Elect.	•H414	HT105611B0	Transistor, 2SA561(O)
C418	EV33502510	3.3uF 25V, Elect.	H415	HV00001050	Varistor, M8513(R)
C419	EA10603510	10uF 35V, Elect.	H416	HV00001050	Varistor, M8513(R)
C420	EA10603510	10uF 35V, Elect.	H417	HV00001050	Varistor, M8513(R)
C421	EA33702510	330uF 25V, Elect.	H418	HV00001050	Varistor, M8513(R)
C422	EA33702510	330uF 25V, Elect.	H419	HV00001050	Varistor, M8513(R)
C423	EA47603520	47uF 35V, Elect.	H420	HV00001050	Varistor, M8513(R)
C424	EA47603520	47uF 35V, Elect.	P500	YD26110050	P. C. Board
C425	DG07503500	0.5uF ±20%, MP	R501	RC10271010	270 ohm ±10% 1W, Solid
C426	DG07503500	0.5uF ±20%, MP	R502	RC10221010	220 ohm ±10% 1W, Solid
C427	DF36101010	100pF ±10%, Mica	C501	EA22701050	220 uF 10V, Elect.
C428	DF36101010	100pF ±10%, Mica	C502	EA47701620	470 uF 16V, Elect.
C429	EB10803510	1000uF 35V, Elect.	C503	EB33805010	3300 uF 50V, Elect.
C430	EB10803510	1000uF 35V, Elect.	C504	EA47702520	470 uF 25V, Elect.
C431	DD16500010	50pF ±10%, Ceramic	C505	DG07103500	0.01 uF ±20%, M. P.
C432	DD16500010	50pF ±10%, Ceramic	C506	DG07103500	0.01 uF ±20%, M. P.
J401	YP10000360	Plug	C507	EA47703510	470 uF 35V, Elect.
J402	YP10000360	Plug	J501	YP10000360	Plug
J403	YP10000360	Plug	J502	YP10000360	Plug
J404	YP10000360	Plug	J503	YP10000360	Plug
J405	YP10000360	Plug	J504	YP10000360	Plug
J406	YP10000360	Plug	J505	YP10000360	Plug
J407	YP10000360	Plug	J506	YP10000360	Plug
J408	YP10000360	Plug	J507	YP10000360	Plug
J409	YP10000360	Plug	J508	YP10000360	Plug
J410	YP10000360	Plug	J509	YP10000360	Plug
J411	YP10000360	Plug	J510	YP10000360	Plug
J412	YP10000360	Plug	J511	YP10000360	Plug
J413	YP10000360	Plug	J512	YP10000360	Plug
J414	YP10000360	Plug	H501	HD30001090	Diode, 1S336
J415	YP10000360	Plug	H502	HD20003010	Diode, HR-5A
J416	YP10000360	Plug	H503	HD20003010	Diode, HR-5A
J417	YP10000360	Plug	H504	HD20003010	Diode, HR-5A
J418	YP10000360	Plug	H505	HD20001100	Diode, 1S665
J419	YP10000360	Plug	H506	HD20001100	Diode, 1S665
J420	YP10000360	Plug	H507	HD20001100	Diode, 1S665
J421	YP10000360	Plug	H508	HD20001100	Diode, 1S665
J422	YP10000360	Plug	P600	YD26110060	P. C. Board
J423	YP10000360	Plug	R601	RT10682140	6.8K ±10% 1/4W, Carbon Film
J424	YP10000360	Plug	R602	RT10682140	6.8K ±10% 1/4W, Carbon Film
J425	YP10000360	Plug	R603	RT10223140	22K ±10% 1/4W, Carbon Film
J426	YP10000360	Plug	R604	RT10223140	22K ±10% 1/4W, Carbon Film

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
R605	RT10222140	2.2K $\pm 10\%$, 1/4W, Carbon Film	J009	YT01010030	G. Terminal
R606	RT10222140	2.2K $\pm 10\%$, 1/4W, Carbon Film	J010	YJ02000100	Lamp Socket
R607	RT10222140	2.2K $\pm 10\%$, 1/4W, Carbon Film	J011	YJ02000010	Lamp Socket
R608	RT10222140	2.2K $\pm 10\%$, 1/4W, Carbon Film	J012	YJ02000090	Lamp Socket
R609	RN10474140	470K $\pm 10\%$, 1/4W, Carbon Film	J013	YJ02000070	Stereo Lam Socket
R610	RN10474140	470K $\pm 10\%$, 1/4W, Carbon Film	J014	YL01030010	Ant.
R611	RN10474140	470K $\pm 10\%$, 1/4W, Carbon Film	M001	IN10024060	Tuning Meter
R612	RN10474140	470K $\pm 10\%$, 1/4W, Carbon Film	*M002	IN10080010	Stereo Beacon
R613	RT10103140	10K $\pm 10\%$ 1/4W, Carbon Film	*M003	IN10060030	Pilot lamp
R614	RT10103140	10K $\pm 10\%$ 1/4W, Carbon Film	*M004	IN10060030	Pilot lamp
C601	DF17403010	0.04 μ F $\pm 20\%$, Myler	*M005	IN10060030	Pilot lamp
C602	DF17403010	0.04 μ F $\pm 20\%$, Myler	S001	SS02020170	FM ANT. ATT Switch
C603	DF65501010	500 pF $\pm 5\%$, Poly	S002	SR05040010	Rotary Switch
C604	DF65501010	500 pF $\pm 5\%$, Poly	*S003	SP04010072	Stereo, Mono Switch
C605	DF17403010	0.04 μ F $\pm 20\%$, Myler	*S004	SP04010062	Power Switch
C606	DF17403010	0.04 μ F $\pm 20\%$, Myler	F001	FR10100040	Cir Cvit Breaker
C607	DF17403010	0.04 μ F $\pm 20\%$, Myler	H001	HT401301B0	Power Tr. 2SD130(Y)
C608	DF17403010	0.04 μ F $\pm 20\%$, Myler	H002	HT401301B0	Power Tr. 2SD130(Y)
C609	DF17332010	0.03 μ F $\pm 20\%$, Myler	H003	HT401301B0	Power Tr. 2SD130(Y)
C610	DF17332010	0.03 μ F $\pm 20\%$, Myler	H004	HT401301B0	Power Tr. 2SD130(Y)
*S601	SP04040012	Push switch S601-1, Loudness S601-3, Low Fil S601-2, Hi Fil S601-4, Tape Mon	L001	LF11400360	AM ANT. Coil
J601	YP10000360	Plug	L002	LB30075250	FM Balun coil
J602	YP10000360	Plug	L003	TS19001010	Power Trans.
J603	YP10000360	Plug	W001	YC02400010	Power Cord
J604	YP10000360	Plug			
J605	YP10000360	Plug			
J606	YP10000360	Plug			
J607	YP10000360	Plug			
J608	YP10000360	Plug			
J609	YP10000360	Plug			
J610	YP10000360	Plug			
J611	YP10000360	Plug			
J612	YP10000360	Plug			
R001	RC05680120	68 ohm 1/2W $\pm 5\%$, Resistor Solid			
R002	RC05680120	68 ohm 1/2W $\pm 5\%$, Resistor Solid			
R003	RC05082120	8.2 ohm 1/2W $\pm 5\%$, Resistor Solid			
R005	RT10272140	2.7K ohm 1/4W $\pm 5\%$, Resistor Caron Film			
R006	RT10272140	2.7K ohm 1/4W $\pm 5\%$, Resistor Caron Film			
R007	RT10122140	1.2K ohm 1/4W $\pm 5\%$, Resistor Caron Film			
R008	RT10122140	1.2K ohm 1/4W $\pm 5\%$, Resistor Caron Film			
R009	RC10471120	470 ohm 1/2W $\pm 5\%$, Resistor Solid			
R010	RC10471120	470 ohm 1/2W $\pm 5\%$, Resistor Solid			
R011	RT10225010	2.2M ohm 1W $\pm 5\%$, Resistor Carbon			
*R016	RM01040020	100K ohm (A) $\pm 20\%$, Variable			
*R017	RK02030010	20K ohm, Variable			
*R018	RM05030110	50K ohm, Variable			
*R019	RM05030110	50K ohm, Variable			
C001	EA10700650	6V100 μ F +100% -0%, Elect			
C004	DF17332010	0.033 μ F $\pm 20\%$, Myler			
C005	DF17332010	0.033 μ F $\pm 20\%$, Myler			
C006	DF17224020	0.22 μ F $\pm 20\%$, Myler			
C007	DF17224020	0.22 μ F $\pm 20\%$, Myler			
J001	YT03040020	Ant. Terminal			
J002	YT02080020	Audio U. S. Jack			
J003	YT03040020	Output Terminal			
J004	YJ01000550	Head Phone Jack			
J005	YF04000320	AC Socket			
J006	YJ04000320	AC Socket			
J008	YL01030020	3P Lug			



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MODEL 26 REVISED SERVICE MANUAL

This Service Manual is the first revised edition for model 26.

Included in this service manual are schematic diagram and individual parts list.

On the circuit description alignment method and repairing hints, refer to the original service manual.

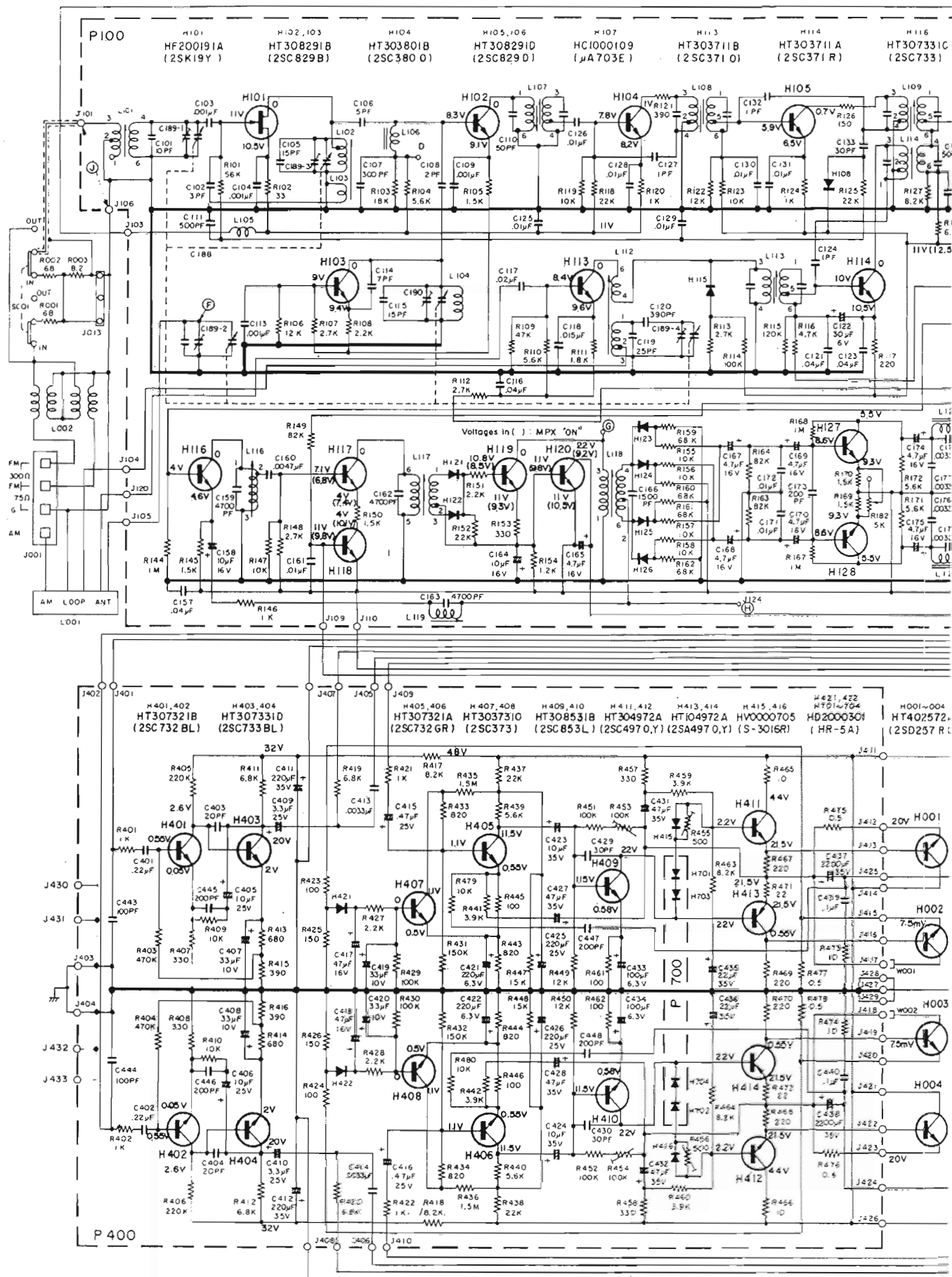
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PARTS LIST

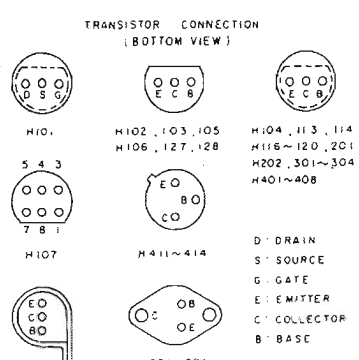
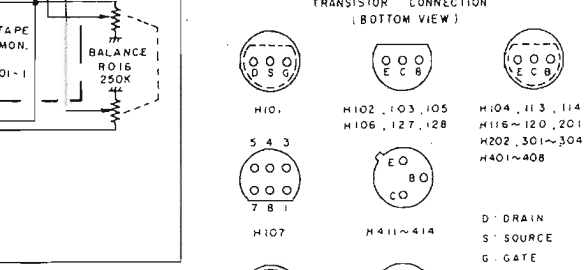
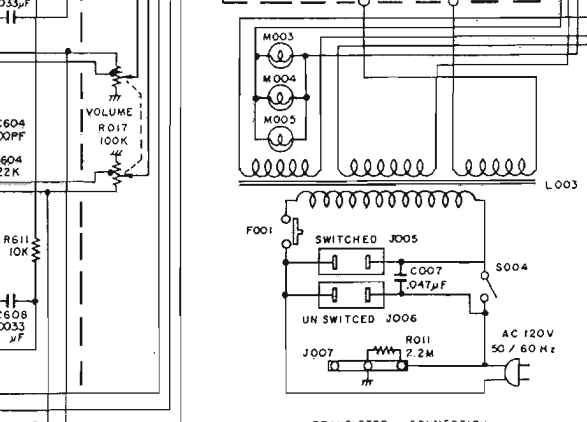
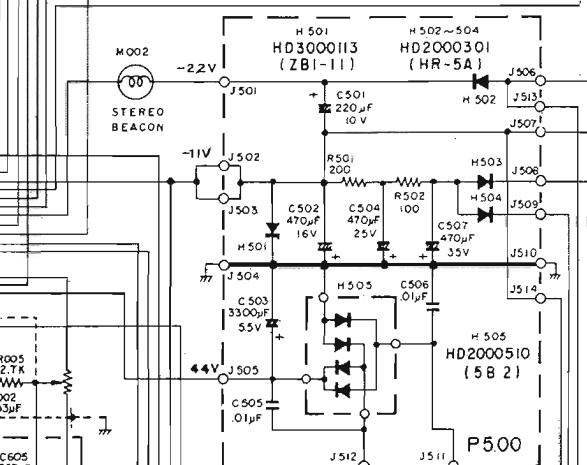
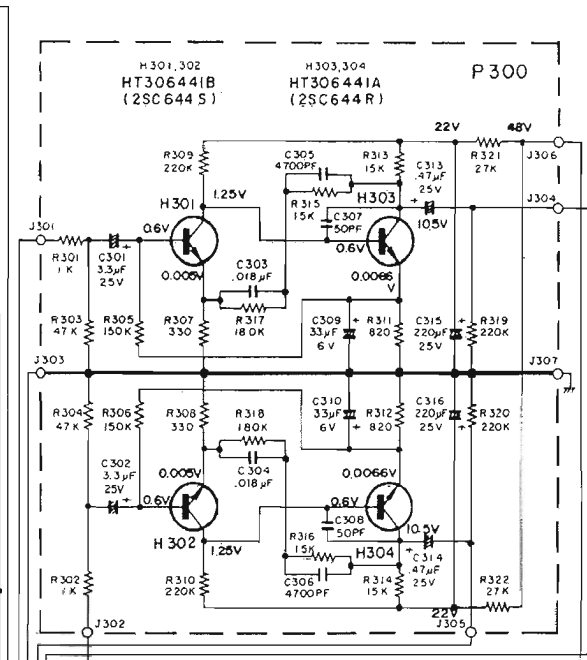
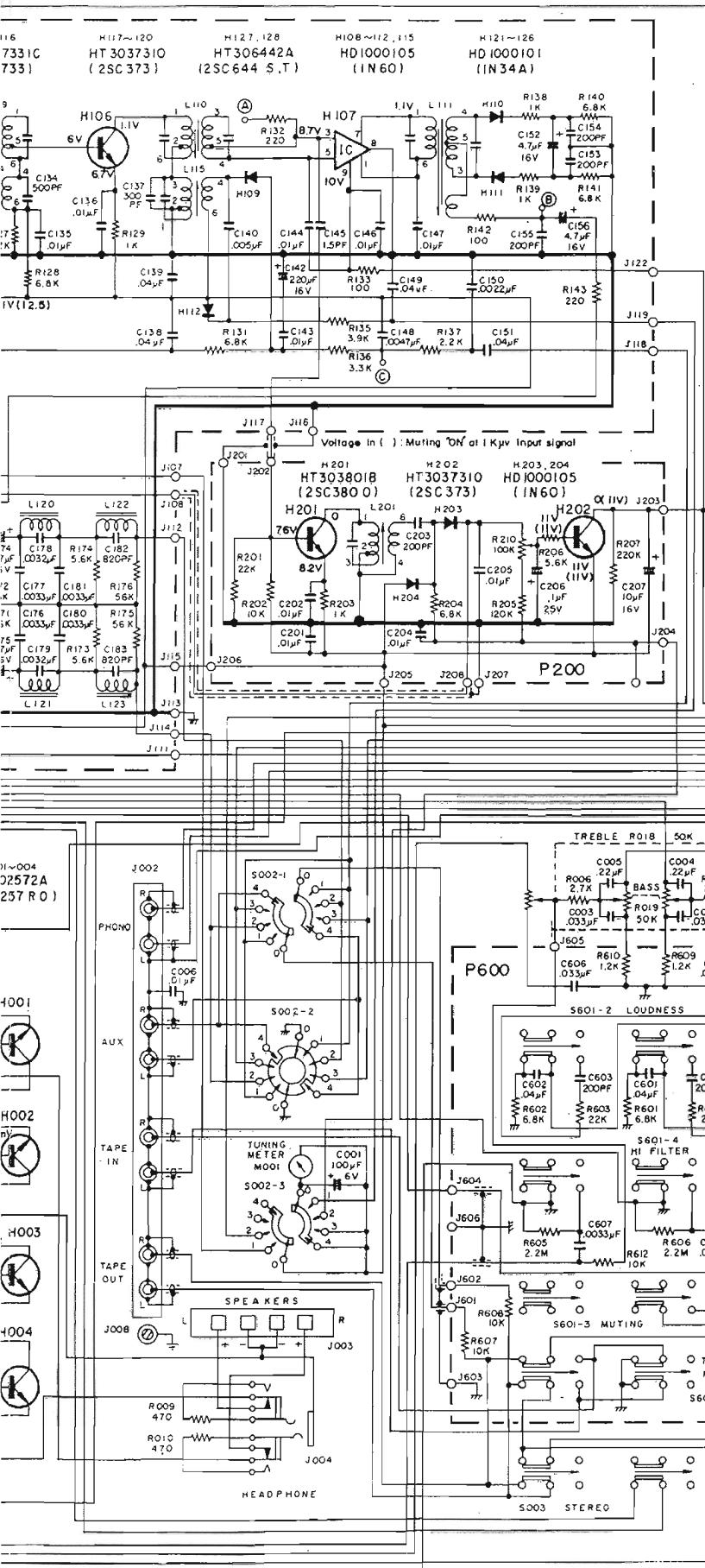
REF. DESIG.	MARANTS PART NO.	DESCRIPTION	REF. DESIG.	MARANTS PART NO.	DESCRIPTION
A 001	2766063013	Escutcheon	B029	2611109020	Shield
A 002	2611257012	Lid	B032	2611055010	Collar
A 003	2611103013	Pointer	B033	2611055010	Collar
A 004	2611265012	Indicator	B034	2611055020	Collar
A 009	2577273010	Fly Wheel	B035	2611055020	Collar
A 010	2577063022	Escutcheon	B036	2611109030	Shield
A 011	2577063032	Escutcheon	B037	2611109020	Shield
A 012	2577067022	Cap			
A 013	2577067022	Cap	B039	2766267020	Heat Sink
A 014	2577067022	Cap	B040	2577160170	Bracket
A 015	2577067022	Cap	B041	2577112012	Shaft
A 016	2577067022	Cap	B043	2577106500	Bearing K
A 017	2577067022	Cap	B408	2577104010	Retainer
A 018	2578067010	Cap	B409	2577106010	Bearing
A 019	2578067010	Cap	B047	2578160522	Bracket K
A 020	2578067010	Cap	B410	2578160052	Bracket
A 021	2578067010	Cap	B411	2578160062	Bracket
A 022	2578067010	Cap	D401	55020304 I 0	R.H Rivet
A 531	2766302014	Dial	D402	55020304 I 0	R.H Rivet
A 532	2766053010	Cover	B054	71400219 Q0	Spring
A 533	2577154020	Knob	B055	71101239 M0	Spring
A 534	2577154020	Knob	B061	2597160500	Bracket K
A 535	2577154020	Knob	B412	2597160030	Bracket
A 541	2577154020	Knob	B413	2597160040	Bracket
A 542	2577154020	Knob	B414	2597112010	Shaft
A 543	2577154020	Knob	B415	1336112010	Shaft
A 544	2578154010	Knob	B067	1202258010	Hook
A 545	2578154010	Knob	B068	1382005030	Clamper
A 546	2578154010	Knob	B069	1382005030	Clamper
A 547	2578154010	Knob	B070	1382005030	Clamper
A 548	2578154010	Knob	B071	1382005030	Clamper
A 551	2611064510	Case K	B072	1382005030	Clamper
A 552	2611064020	Case	B073	1382005030	Clamper
A 553	2759057010	Leg	B074	1382005030	Clamper
A 554	2759057010	Leg	B075	1382005030	Clamper
A 555	2759057010	Leg	B079	2611118010	Spacer
A 556	2759057010	Leg	B080	2611118010	Spacer
A 407	2713003010	Punched Plate	B541	2577118060	Spacer
A 408	2714003010	Punched Plate	B542	2577118060	Spacer
B 001	2611105017	Shassis	B543	2577118060	Spacer
B 002	2766160503	Bracket K	B544	2577118060	Spacer
B 401	2766160012	Bracket	B545	2766053020	Cover
B 402	2577101020	Support	B546	2766053020	Cover
B 403	2577101020	Support	B504	2760118010	Spacer
B 404	2577112020	Shaft	B506	2577106020	Bearing
B 405	2766160022	Bracket	B507	2577053030	Cover
B 008	2611160024	Bracket	B508	2577053042	Cover
B 009	2611160030	Bracket	B509	2577053042	Cover
B 010	2611160030	Bracket	B511	2577118030	Spacer
B 011	2611160040	Bracket	B512	2577118040	Spacer
B 012	2611160050	Bracket	B513	2766118010	Spacer
B 013	2611257022	Lid	B514	2577159020	Drum
B 014	2611005010	Clamper	B515	2577262010	Pulley
B 021	2611160510	Bracket K	B516	2577262010	Pulley
B 405	2611160060	Bracket	B517	2577262010	Pulley
B 406	2577112020	Shaft	B518	2763259010	Bush
B 407	2577112020	Shaft	B519	2766118010	Spacer
B 027	2611109010	Shield	B520	1271262010	Pulley
B 028	2611109020	Shield			



1. Voltages are measured at no signal with DC VTVM from common positive ground.
2. Voltages in parenthesis are values measured at 1KμV FM stereo signal applied. Stereo switch in stereo position.

S00211 ~ S002-3

(ALL SWITCHES VIEWED FROM FRONT AND SHOWN IN EXTREME CLOCKWISE POSITION * 4 AX)



NOTE S002 POSITION

- 1: AM
- 2: FM & MPX STEREO
- 3: PHONO
- 4: AUX

REF. MARANTZ DESIG. PART NO.	DESCRIPTION	REF. MARANTZ DESIG. PART NO.	DESCRIPTION		
B527	1455259010	Bush	D083	51060305E9	P.H.M Screw
B528	1455259010	Bush	D084	51060305E9	P.H.M Screw
B529	1415118010	Spacer	D085	51060305E9	P.H.M Screw
B530	72081604A0	String	D086	51060305E9	P.H.M Screw
B531	73033010A0	Buffer	D087	51060305E9	P.H.M Screw
B532	73033010A0	Buffer	D088	51060305E9	P.H.M Screw
B533	71400219Q0	Spring	D089	51060305E9	P.H.M Screw
B534	2760053020	Cover	D090	51060305E9	P.H.M Screw
D001	51570305B0	P.H Tapt Screw	D091	51060305E9	P.H.M Screw
D002	51570305B0	P.H Tapt Screw	D092	51060305E9	P.H.M Screw
D003	51570305B0	P.H Tapt Screw	D093	51060305E9	P.H.M Screw
D004	51570305B0	P.H Tapt Screw	D094	51060305E9	P.H.M Screw
D005	51570305B0	P.H Tapt Screw	D095	51060305E9	P.H.M Screw
D006	51570305B0	P.H Tapt Screw	D096	51060305E9	P.H.M Screw
D007	51570305B0	P.H Tapt Screw	D097	51060305E9	P.H.M Screw
D008	51570305B0	P.H Tapt Screw	D098	51060305E9	P.H.M Screw
D009	51570305B0	P.H Tapt Screw	D099	51060305E9	P.H.M Screw
D010	51570305B0	P.H Tapt Screw	D100	51060305E9	P.H.M Screw
D011	51570305B0	P.H Tapt Screw	D101	51060305E9	P.H.M Screw
D012	51570305B0	P.H Tapt Screw	D102	51060305E9	P.H.M Screw
D013	51570305B0	P.H Tapt Screw	D103	51060305E9	P.H.M Screw
D014	51570305B0	P.H Tapt Screw	D106	51060305E9	P.H.M Screw
D015	51570305B0	P.H Tapt Screw	D107	51060305E9	P.H.M Screw
D016	51570305B0	P.H Tapt Screw	D108	51060305E9	P.H.M Screw
D017	51570305B0	P.H Tapt Screw	D109	51060305E9	P.H.M Screw
D018	51570305B0	P.H Tapt Screw	D110	51060305E9	P.H.M Screw
D019	51570305B0	P.H Tapt Screw	D112	51060305E9	P.H.M Screw
D020	51570305B0	P.H Tapt Screw	D113	51060305E9	P.H.M Screw
D021	51570305B0	P.H Tapt Screw	D121	51060305E9	P.H.M Screw
D022	51570305B0	P.H Tapt Screw	D122	51060305E9	P.H.M Screw
D023	51570305B0	P.H Tapt Screw	D123	51060305E9	P.H.M Screw
D024	51570305B0	P.H Tapt Screw	D124	51060305E9	P.H.M Screw
D025	51570305B0	P.H Tapt Screw	D125	51060305E9	P.H.M Screw
D027	51570305B0	P.H Tapt Screw	D129	51060308E9	P.H.M Screw
D028	51570305B0	P.H Tapt Screw	D130	51060308E9	P.H.M Screw
D029	51570305B0	P.H Tapt Screw	D132	51060314E9	P.H.M Screw
D030	51570305B0	P.H Tapt Screw	D133	51060314E9	P.H.M Screw
D041	51570306B0	P.H Tapt Screw	D136	51060406E9	P.H.M Screw
D042	51570305B0	P.H Tapt Screw	D137	51060406E9	P.H.M Screw
D043	51570305B0	P.H Tapt Screw	D138	51060406E9	P.H.M Screw
D044	51570305B0	P.H Tapt Screw	D139	51060406E9	P.H.M Screw
D045	51570305B0	P.H Tapt Screw	D141	51060408E9	P.H.M Screw
D046	51570305B0	P.H Tapt Screw	D142	51060408E9	P.H.M Screw
D047	51570305B0	P.H Tapt Screw	D143	51060408E9	P.H.M Screw
D048	51570305B0	P.H Tapt Screw	D144	51060408E9	P.H.M Screw
D049	51570305B0	P.H Tapt Screw	D146	51060440A9	P.H.M Screw
D050	51570305B0	P.H Tapt Screw	D147	51060440A9	P.H.M Screw
D052	51570305B0	P.H Tapt Screw	D148	51060440A9	P.H.M Screw
D053	51570305B0	P.H Tapt Screw	D149	51060440A9	P.H.M Screw
D054	51570305B0	P.H Tapt Screw	D150	51060410E9	P.H.M Screw
D055	51570305B0	P.H Tapt Screw	D151	51060410E9	P.H.M Screw
D056	51570305B0	P.H Tapt Screw	D152	51060410E9	P.H.M Screw
D057	51570305B0	P.H Tapt Screw	D153	51060312E9	P.H.M Screw
D058	51570305B0	P.H Tapt Screw	D154	51060312E9	P.H.M Screw
D059	51570305B0	P.H Tapt Screw	D161	51140305E9	O.C.H.M. Screw
D061	51570308B0	P.H Tapt Screw	D162	51140305E9	O.C.H.M. Screw
D072	51042608E0	F.H.M Screw	D163	51140305E9	O.C.H.M. Screw
D073	51042608E0	F.H.M Screw	D164	51140305E9	O.C.H.M. Screw
D074	51042608E0	F.H.M Screw	D165	51140305E9	O.C.H.M. Screw
D075	51042608E0	F.H.M Screw	D166	51140305E9	O.C.H.M. Screw
D081	51060305E9	P.H.M Screw	D167	51140305E9	O.C.H.M. Screw
D082	51060305E9	P.H.M Screw	D168	51140305E9	O.C.H.M. Screw
			D171	53112603E0	Hexagon Nut

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION	REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
D172	53112603E0	Hexagon Nut	D267	64002400P0	RG Ring E
D173	53112603E0	Hexagon Nut	D268	64002400R0	RG Ring E
D174	53112603E0	Hexagon Nut	D269	64002400R0	RG Ring E
D176	53110303E9	Hexagon Nut	D270	64002400R0	RG Ring E
D177	53110303E9	Hexagon Nut	D272	56382040G0	Eyelet
D178	53110303E9	Hexagon Nut	P100	YD27660010	PC Board(FM/AM/MPX Front End)
D180	53110403E9	Hexagon Nut	R101	RT10563140	56K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D181	53110403E9	Hexagon Nut	R102	RT10330140	33 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D182	53110403E9	Hexagon Nut	R103	RT10183140	18K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D183	53110403E9	Hexagon Nut	R104	RT10568140	5.6K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D188	53110403E9	Hexagon Nut	R105	RT10152140	1.5K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D191	53110603E0	Hexagon Nut	R106	RJ10123140	12K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D201	51122608E0	T. H. M. Screw	R107	RT10272140	2.7K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D202	51122608E0	T. H. M. Screw	R108	RT10222140	2.2K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D204	62031650W0	Lug	R109	RT10473140	47K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D205	62041760W0	Lug	R110	RT10562140	5.6K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D206	51100406S9	B. H. M. Screw	R111	RT10182140	1.8K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D207	51100406S9	B. H. M. Screw	R112	RT10272140	2.7K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D208	51100406S9	B. H. M. Screw	R113	RT10272140	2.7K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D209	51100406S9	B. H. M. Screw	R114	RT10104140	100K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D211	54052600R0	T. L Washer OR	R115	RT10124140	120K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D212	54052600R0	T. L Washer OR	R116	RT10472140	4.7K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D213	54052600R0	T. L Washer OR	R117	RT10221140	220 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D214	54052600R0	T. L Washer OR	R118	RT10223140	22K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D216	54040302N0	Spring Washer	R119	RT10103140	10K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D217	54040302N0	Spring Washer	R120	RT10102140	1 K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D218	54050300R0	T. L Washer OR	R121	RT10391140	390 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D219	54050400R0	T. L Washer OR	R122	RT10123140	12K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D220	54080400R0	T. L Washer RR	R123	RT10103140	10K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D221	54080400R0	T. L Washer RR	R124	RT10102140	1 K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D222	54080400R0	T. L Washer RR	R125	RT10223140	22K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D223	54080400R0	T. L Washer RR	R126	RT10151140	150 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D224	54050402N0	Spring Washer	R127	RT10822140	8.2K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D225	54050402N0	Spring Washer	R128	RT10682140	6.8K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D226	54050402N0	Spring Washer	R129	RT10102140	1 K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D227	54050402N0	Spring Washer	R130	RT10271140	270 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D228	54040402N0	Spring Washer	R131	RT10682140	6.8K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D229	54040402N0	Spring Washer	R132	RC10221120	220 Ω $\pm 10\%$ $\frac{1}{2}W$, Solid
D230	54040402N0	Spring Washer	R133	RT10101140	100 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D231	54040402N0	Spring Washer	R135	RT10392140	3.9K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D232	54040402N0	Spring Washer	R136	RT10332140	3.3K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D234	59030810P0	Washer	R137	RT10222140	2.2K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D235	59030810P0	Washer	R138	RT10102140	1 K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D241	54040602B0	Spring Washer	R139	RT10102140	1 K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D242	54010300E0	Flat Washer S	R140	RT10682140	6.8K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D243	54010300E0	Flat Washer S	R141	RT10682140	6.8K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D244	54010300E0	Flat Washer S	R142	RT10101140	100 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D245	54010300E0	Flat Washer S	R143	RT10221140	220 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D246	54010300E0	Flat Washer S	R144	RT10105140	1 M Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D247	54010300E0	Flat Washer S	R145	RT10152140	1.5K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D248	54010300E0	Flat Washer S	R146	RT10102140	1 K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D249	54010300E0	Flat Washer S	R147	RT10103140	10K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D250	54050400R0	T.L. Washer OR	R148	RT10272140	2.7K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D252	54020401S0	Flat Washer P	R149	RT10823140	82K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D253	54020401S0	Flat Washer P	R150	RT10152140	1.5K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D254	54020401S0	Flat Washer P	R151	RT10222140	2.2K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D255	54020401S0	Flat Washer P	R152	RT10223140	22K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D257	54050300R0	T.L. Washer OR	R153	RT10331140	330 Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D258	62041760W0	Lug	R154	RT10122140	1.2K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D259	62031340W0	Lug	R155	RT10103140	10K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D261	51640412D9	Set Screw C.P	R156	RT10103140	10K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D263	51650304D9	Set Screw H.P	R157	RT10103140	10K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film
D264	51650304D9	Set Screw H.P	R158	RT10103140	10K Ω $\pm 10\%$ $\frac{1}{4}W$, Carbon Film

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
R159	RT10683140	68KΩ ±10% ¼W, Carbon Film
R160	RT10683140	68KΩ ±10% ¼W, Carbon Film
R161	RT10683140	68KΩ ±10% ¼W, Carbon Film
R162	RT10683140	68KΩ ±10% ¼W, Carbon Film
R163	RT10823140	82KΩ ±10% ¼W, Carbon Film
R164	RT10823140	82KΩ ±10% ¼W, Carbon Film
R167	RT10105140	1 MΩ ±10% ¼W, Carbon Film
R168	RT10105140	1 MΩ ±10% ¼W, Carbon Film
R169	RT10152140	1.5KΩ ±10% ¼W, Carbon Film
R170	RT10152140	1.5KΩ ±10% ¼W, Carbon Film
R171	RT10562140	5.6KΩ ±10% ¼W, Carbon Film
R172	RT10562140	5.6KΩ ±10% ¼W, Carbon Film
R173	RT10562140	5.6KΩ ±10% ¼W, Carbon Film
R174	RT10562140	5.6KΩ ±10% ¼W, Carbon Film
R175	RT10563140	56KΩ ±10% ¼W, Carbon Film
R176	RT10563140	56KΩ ±10% ¼W, Carbon Film
R182	RA05020050	5KΩ (B) ±20%, Semi Fixed
C101	DD12100010	10pF ±1pF Cer.
C102	DD12030010	3 pF ±1pF Cer.
C103	DK17102010	0.001μF ±20% Cer.
C104	DK17102010	0.001μF ±20% Cer.
C105	DD11550010	15pF ±10% Cer.
C106	DD12050010	5 pF ±1pF Cer.
C107	DD15301010	300pF ± 5% Cer.
C108	DD11020040	2 pF ±0.5pF Cer.
C109	DK17102010	0.001μF ±20% Cer.
C110	DD25500010	50pF ± 5% Cer.
C111	DD16501010	500pF ±10% Cer.
C113	DK17102010	0.001μF ±20% Cer.
C114	DD12070030	7pF ±1pF Cer.
C115	DD16150050	15pF ±10% Cer.
C116	DK18403010	0.04μF +100% - 20%, Cer.
C117	DF17223010	0.02μF ±20%, Mylar
C118	DF17153010	0.015μF ±20%, Mylar
C119	DD16250010	25pF ±10%, Cer.
C120	DF65391010	390pF ± 5%, Mylar
C121	DK18403010	0.04μF +100% - 0%, Cer.
C122	EA33600610	6V 30μF +100% - 20%, Elect.
C123	DK18403010	0.04μF +100% - 0%, Cer.
C124	DD10010010	1pF ±0.25%, Cer.
C125	DK17103010	0.01μF ±20%, Cer.
C126	DK17103010	0.01μF ±20%, Cer.
C127	DD10010010	1pF ±0.25%, Cer.
C128	DK17103010	0.01μF ±20%, Cer.
C129	DK17103010	0.01μF ±20%, Cer.
C130	DK17103010	0.01μF ±20%, Cer.
C131	DK17103010	0.01μF ±20%, Cer.
C132	DD10010010	1pF ±20%, Cer.
C133	DD16300010	30pF ±20%, Cer.
C134	DD16501010	500pF ±10%, Cer.
C135	DK17103010	0.01μF ±20%, Cer.
C136	DK17103010	0.01μF ±20%, Cer.
C137	DD15301010	300pF ± 5%, Cer.
C138	DK18403010	0.04μF +100% - 0%, Cer.
C139	DK18403010	0.04μF +100% - 0%, Cer.
C140	DK17502010	0.005μF ±20%, Cer.
C142	EA22701640	16V 220μF +100% - 20%, Elect.
C143	DF17103010	0.01μF ±20%, Mylar
C144	DK17103010	0.01μF ±20%, Cer.
C145	DD10015010	1.5pF ±0.25pF, Cer.
C146	DK17103010	0.01μF ±20%, Cer.
C147	DK17103010	0.01μF ±20%, Cer.
C148	DF17472010	0.0047μF ±20%, Mylar

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
C149	DK18403010	0.04μF +100% - 0%, Cer.
C150	DF17222010	0.0022μF ±20%, Mylar
C151	DF17403010	0.04μF ±20%, Mylar
C152	EA47501620	16V 4.7μF +100% - 20%, Elect.
C153	DD16201010	200pF ±20%, Cer.
C154	DD16201010	200pF ±20%, Cer.
C155	DD16201010	200pF ±20%, Cer.
C156	EA47501620	16V 4.7μF +100% - 20%, Elect.
C157	DK18403010	0.04μF +100% - 0%, Cer.
C158	EA10601620	16V 10μF +100% - 20%, Elect.
C159	DF55472010	4700pF ± 5%, Mylar
C160	DF17472010	0.0047μF ±20%, Mylar
C161	DK17103010	0.01μF ±20%, Cer.
C162	DF55472010	4700pF ± 5%, Mylar
C163	DF55472010	4700pF ± 5%, Mylar
C164	EA10601620	16V 10μF +100% - 20%, Elect.
C165	EA47501620	16V 4.7μF +100% - 20%, Elect.
C166	DF16152010	1500pF ±10%, Mylar
C167	EA47501620	16V 4.7μF +100% - 20%, Elect.
C168	EA47501620	16V 4.7μF +100% - 20%, Elect.
C169	EA47501620	16V 4.7μF +100% - 20%, Elect.
C170	EA47501620	16V 4.7μF +100% - 20%, Elect.
C171	DF16103010	0.01μF ±10%, Mylar
C172	DF16103010	0.01μF ±10%, Mylar
C173	DD16201010	200pF ±20%, Cer.
C174	EA47501620	16V 4.7μF +100% - 20%, Elect.
C175	EA47501620	16V 4.7μF +100% - 20%, Elect.
C176	DF16332010	0.0033μF ±10%, Mylar
C177	DF16332010	0.0033μF ±10%, Mylar
C178	DF65322010	0.0032μF ± 5%, Mylar
C179	DF65322010	0.0032μF ± 5%, Mylar
C180	DF16332010	0.0033μF ±10%, Mylar
C181	DF16332010	0.0033μF ±10%, Mylar
C182	DF65821010	820pF ± 5%, Mylar
C183	DF65821010	820pF ± 5%, Mylar
C188	CA32000100	Variable FM3G, AM2G
C189	CT41300010	Trimmer
C190	CT11000010	Trimmer
H101	HF200191A0	FET 2SK19Y
H102	HT308291B0	Transistor 2SC829(B)
H103	HT308291B0	Transistor 2SC829(B)
H104	HT303801B0	Transistor 2SC380(O)
H105	HT308291D0	Transistor 2SC829(D)
H106	HT308291D0	Transistor 2SC829(D)
H107	HC10001090	IC NJ703N
H108	HD10001050	Diode 1N60
H109	HD10001050	Diode 1N60
H110	HD10001050	Diode 1N60
H111	HD10001050	Diode 1N60
H112	HD10001050	Diode 1N60
H113	HT303711B0	Transistor 2SC371(O)
H114	HT303711A0	Transistor 2SC371(R)
H115	HD10001050	Diode 1N60
H116	HT307331C0	Transistor 2SC733(Gn)
H117	HT30373100	Transistor 2SC373
H118	HT30373100	Transistor 2SC373
H119	HT30373100	Transistor 2SC373
H120	HT30373100	Transistor 2SC373
H121	HD10001010	Diode 1N34A
H122	HD10001010	Diode 1N34A
H123	HD10001010	Diode 1N34A
H124	HD10001010	Diode 1N34A
H125	HD10001010	Diode 1N34A

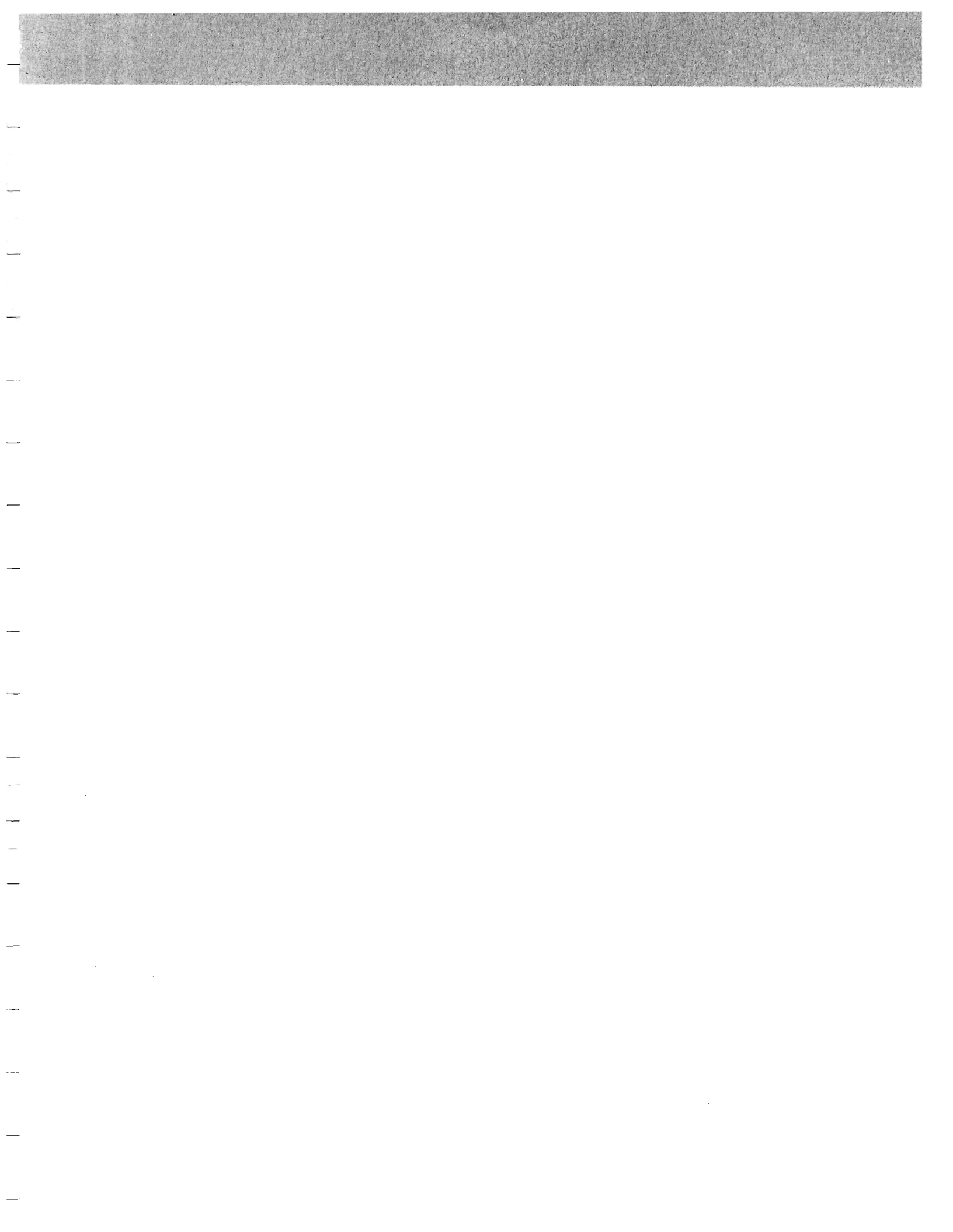
REF. MARANTZ DESIG. PART NO.	DESCRIPTION	REF. MARANTZ DESIG. PART NO.	DESCRIPTION
H126	HD10001010 Diode 1N34A	C201	DK17103010 0.01 μ F \pm 20%, Cer.
H127	HT306442A0 Diode 2SC644(S) or (T)	C202	DK17103010 0.01 μ F \pm 20%, Cer.
H128	HT306442A0 Diode 2SC644(S) or (T)	C203	DD16201010 200pF \pm 20%, Cer.
L101	LA10046060 FM ANT Coil	C204	DK17103010 0.01 μ F \pm 20%, Cer.
L102	LK10505060 FM RF Coil	C205	DK17103010 0.01 μ F \pm 20%, Cer.
L103	LL23505050 FM RF Coil	C206	EM10402510 25V 0.1 μ F \pm 10%, Elect.
L104	LO12026010 FM OSC	C207	EA10601620 16V 10 μ F +100% -10%, Elect.
L105	LC16820010 Choke Coil 6.8 μ H	J201	YP10000360 Plug
L106	LC16810010 Choke Coil 0.68 μ H	J202	YP10000360 Plug
L107	LI14016150 FM IFT (1)	J203	YP10000360 Plug
L108	LI14016170 FM IFT (2)	J204	YP10000360 Plug
L109	LI14016170 FM IFT (3)	J205	YP10000360 Plug
L110	LI14016180 FM IFT (4)	J206	YP10000360 Plug
L111	LI14016043 FM IFT (5)	J207	YP10000360 Plug
L112	LO10010340 AM OSC Coil	J208	YP10000360 Plug
L113	LI14010020 AM IFT (1)	J209	YP10000360 Plug
L114	LI10010120 AM IFT (2)	P300	YD27660030 PC Board (PHONO AMP)
L115	LI10010480 AM IFT (3)	R301	RT10102140 1K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L116	LS10015020 19KHz Coil	R302	RT10102140 1K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L117	LS10015030 19KHz Doublar	R303	RT10473140 47K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L118	LS10010030 38KHz Coil	R304	RT10473140 47K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L119	LS10010050 67KHz Coil	R305	RN10154140 150K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L120	LC22260010 Choke Coil 22mH	R306	RN10154140 150K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L121	LC22260010 Choke Coil 22mH	R307	RT10331140 330 Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L122	LC22260010 Choke Coil 22mH	R308	RT10331140 330 Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
L123	LC22260010 Choke Coil 22mH	R309	RN10224140 220K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J101	YP10000360 Plug	R310	RN10224140 220K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J102	YP10000360 Plug	R311	RT10821140 820 Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J103	YP10000360 Plug	R312	RT10821140 820 Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J104	YP10000360 Plug	R313	RN10153140 15K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J105	YP10000360 Plug	R314	RN10153140 15K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J106	YP10000360 Plug	R315	RT05153140 15K Ω \pm 5% $\frac{1}{4}$ W, Carbon Film
J107	YP10000360 Plug	R316	RT05153140 15K Ω \pm 5% $\frac{1}{4}$ W, Carbon Film
J108	YP10000360 Plug	R317	RT05184140 180K Ω \pm 5% $\frac{1}{4}$ W, Carbon Film
J109	YP10000360 Plug	R318	RT05184140 180K Ω \pm 5% $\frac{1}{4}$ W, Carbon Film
J110	YP10000360 Plug	R319	RN10224140 220K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J111	YP10000360 Plug	R320	RN10224140 220K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J112	YP10000360 Plug	R321	RT10273140 27K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J113	YP10000360 Plug	R322	RT10273140 27K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film
J114	YP10000360 Plug	C301	EV33502510 3.3 μ F 25V +40% -20%, Elect.
J115	YP10000360 Plug	C302	EV33502510 3.3 μ F 25V +40% -20%, Elect.
J116	YP10000360 Plug	C303	DF55183020 0.018 μ F 50V \pm 5%, Mylar
J117	YP10000360 Plug	C304	DF55183020 0.018 μ F 50V \pm 5%, Mylar
J118	YP10000360 Plug	C305	DF55472010 4700pF 50V \pm 5%, Mylar
J119	YP10000360 Plug	C306	DF55472010 4700pF 50V \pm 5%, Mylar
J120	YP10000360 Plug	C307	DD16500010 50pF 50V \pm 10%, Cer.
J121	YP10000360 Plug	C308	DD16500010 50pF 50V \pm 10%, Cer.
J122	YP10000360 Plug	C309	EA33600610 33 μ F 6V +100% -0%, Elect.
J123	YP10000360 Plug	C310	EA33600610 33 μ F 6V +100% -0%, Elect.
P200	YD27660020 PC Board (FM METER AMP/MUTING)	C313	EV47402510 0.47 μ F 25V +40% -20%, Elect.
H201	HT303801B0 Transistor 2SC380(O)	C314	EV47402510 0.47 μ F 25V +40% -20%, Elect.
H202	HT30373100 Transistor 2SC373	C315	EA22702510 220 μ F 25V +100% -0%, Elect.
H203	HD10001050 Diode 1N60	C316	EA22702510 220 μ F 25V +100% -0%, Elect.
H204	HD10001050 Diode 1N60	J301	YP10000360 Plug
L201	LI10156060 FM IFT	J302	YP10000360 Plug
R201	RT10223140 22K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film	J303	YP10000360 Plug
R202	RT10103140 10K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film	J304	YP10000360 Plug
R203	RT10102140 1K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film	J305	YP10000360 Plug
R204	RT10682140 6.8K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film	J306	YP10000360 Plug
R205	RT10124140 120K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film	J307	YP10000360 Plug
R206	RT10562140 5.6K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film	H301	HT306441B0 Transistor 2SC644(S)
R207	RT10224140 220K Ω \pm 10% $\frac{1}{4}$ W, Carbon Film	H302	HT306441B0 Transistor 2SC644(S)
R210	RA01040090 100K Ω (B) \pm 20%, Semi Fixed	H303	HT306441A0 Transistor 2SC644(R)

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
H304	HT306441A0	Transistor 2SC644(R)
P400	YD27660040	PC Board (PRE/MAIN AMP)
R401	RT10102140	1KΩ ±10% ¼W, Carbon Film
R402	RT10102140	1KΩ ±10% ¼W, Carbon Film
R403	RN10474140	470KΩ ±10% ¼W, Carbon Film
R404	RN10474140	470KΩ ±10% ¼W, Carbon Film
R405	RN10224140	220KΩ ±10% ¼W, Carbon Film
R406	RN10224140	220KΩ ±10% ¼W, Carbon Film
R407	RT05331140	330Ω ±5% ¼W, Carbon Film
R408	RT05331140	330Ω ±5% ¼W, Carbon Film
R409	RT05103140	10KΩ ±5% ¼W, Carbon Film
R410	RT05103140	10KΩ ±5% ¼W, Carbon Film
R411	RT10682140	6.8KΩ ±10% ¼W, Carbon Film
R412	RT10682140	6.8KΩ ±10% ¼W, Carbon Film
R413	RT10681140	680Ω ±10% ¼W, Carbon Film
R414	RT10681140	680Ω ±10% ¼W, Carbon Film
R415	RT10391140	390Ω ±10% ¼W, Carbon Film
R416	RT10391140	390Ω ±10% ¼W, Carbon Film
R417	RT10822140	8.2KΩ ±10% ¼W, Carbon Film
R418	RT10822140	8.2KΩ ±10% ¼W, Carbon Film
R419	RT10682140	6.8KΩ ±10% ¼W, Carbon Film
R420	RT10682140	6.8KΩ ±10% ¼W, Carbon Film
R421	RT10102140	1KΩ ±10% ¼W, Carbon Film
R422	RT10102140	1KΩ ±10% ¼W, Carbon Film
R423	RT10101140	100Ω ±10% ¼W, Carbon Film
R424	RT10101140	100Ω ±10% ¼W, Carbon Film
R425	RT10151140	150Ω ±10% ¼W, Carbon Film
R426	RT10151140	150Ω ±10% ¼W, Carbon Film
R427	RT10222140	2.2KΩ ±10% ¼W, Carbon Film
R428	RT10222140	2.2KΩ ±10% ¼W, Carbon Film
R429	RT10104140	100KΩ ±10% ¼W, Carbon Film
R430	R T10104140	100KΩ ±10% ¼W, Carbon Film
R431	R N10154140	150KΩ ±10% ¼W, Carbon Film
R432	R N10154140	150KΩ ±10% ¼W, Carbon Film
R433	R T10821140	820Ω ±10% ¼W, Carbon Film
R434	R T10821140	820Ω ±10% ¼W, Carbon Film
R435	R N10155140	1.5MΩ ±10% ¼W, Carbon Film
R436	R N10155140	1.5MΩ ±10% ¼W, Carbon Film
R437	R T10223140	22KΩ ±10% ¼W, Carbon Film
R438	R T10223140	22KΩ ±10% ¼W, Carbon Film
R439	R T10562140	5.6KΩ ±10% ¼W, Carbon Film
R440	R T10562140	5.6KΩ ±10% ¼W, Carbon Film
R441	R T05392140	3.9KΩ ±5% ¼W, Carbon Film
R442	R T05392140	3.9KΩ ±5% ¼W, Carbon Film
R443	R T10821140	820Ω ±10% ¼W, Carbon Film
R444	R T10821140	820Ω ±10% ¼W, Carbon Film
R445	R T05101140	100Ω ±5% ¼W, Carbon Film
R446	R T05101140	100Ω ±5% ¼W, Carbon Film
R447	R T10153140	15KΩ ±10% ¼W, Carbon Film
R448	R T10153140	15KΩ ±10% ¼W, Carbon Film
R449	R T10123140	12KΩ ±10% ¼W, Carbon Film
R450	R T10123140	12KΩ ±10% ¼W, Carbon Film
R451	R N10104140	100KΩ ±10% ¼W, Carbon Film
R452	R N10104140	100KΩ ±10% ¼W, Carbon Film
R453	R A01040060	100KΩ (B) Semi Fixed
R454	R A01040060	100KΩ (B) Semi Fixed
R455	R A05010010	500Ω (B) Semi Fixed
R456	R A05010010	500Ω (B) Semi Fixed
R457	R C10331120	330Ω ±10% ½W, Solid
R458	R C10331120	330Ω ±10% ½W, Solid
R459	R C10392120	3.9KΩ ±10% ½W, Solid
R460	R C10392120	3.9KΩ ±10% ½W, Solid
R461	R T10101140	100Ω ±10% ¼W, Carbon Film

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
R462	RT10101140	100Ω ±10% ¼W, Carbon Film
R463	RT10822140	8.2KΩ ±10% ¼W, Carbon Film
R464	RT10822140	8.2KΩ ±10% ¼W, Carbon Film
R465	RC10100120	10Ω ±10% ½W, Solid
R466	RC10100120	10Ω ±10% ½W, Solid
R467	RC10221120	220Ω ±10% ½W, Solid
R468	RC10221120	220Ω ±10% ½W, Solid
R469	RC10221120	220Ω ±10% ½W, Solid
R470	RC10221120	220Ω ±10% ½W, Solid
R471	RC10220120	22Ω ±10% ½W, Solid
R472	RC10220120	22Ω ±10% ½W, Solid
R473	RC10100120	10Ω ±10% ½W, Solid
R474	RC10100120	10Ω ±10% ½W, Solid
R475	GW10502020	0.5Ω ±10% 2 W, Wire Wound
R476	GW10502020	0.5Ω ±10% 2 W, Wire Wound
R477	GW10502020	0.5Ω ±10% 2 W, Wire Wound
R478	GW10502020	0.5Ω ±10% 2 W, Wire Wound
R479	RT10103140	10KΩ ±10% ¼W, Carbon Film
R480	RT10103140	10KΩ ±10% ¼W, Carbon Film
C401	DF17224020	0.22μF50V ±20%, Mylar
C402	DF17224020	0.22μF50V ±20%, Mylar
C403	DD16200010	20pF 50V ±10%, Cer.
C404	DD16200010	20pF 50V ±10%, Cer.
C405	EA10602510	10μF 25V +100%-0%, Elect.
C406	EA10602510	10μF 25V +100%-0%, Elect.
C407	EA33601010	33μF 10V +100%-0%, Elect.
C408	EA33601010	33μF 10V +100%-0%, Elect.
C409	EV33502510	3.3μF 25V +40%-20%, Elect.
C410	EV33502510	3.3μF 25V +40%-20%, Elect.
C411	EA22703510	220μF 35V +100%-0%, Elect.
C412	EA22703510	220μF 35V +100%-0%, Elect.
C413	DF17332010	0.0033μF 50V ±20%, Mylar
C414	DF17332010	0.0033μF 50V ±20%, Mylar
C415	EV47402510	0.47μF 25V +40%-20%, Elect.
C416	EV47402510	0.47μF 25V +40%-20%, Elect.
C417	EA47601630	47μF 16V +100%-0%, Elect.
C418	EA47601630	47μF 16V +100%-0%, Elect.
C419	EA33601010	33μF 10V +100%-0%, Elect.
C420	EA33601010	33μF 10V +100%-0%, Elect.
C421	EA22700610	220μF 6.3V +100%-0%, Elect.
C422	EA22700610	220μF 6.3V +100%-0%, Elect.
C423	EA10603510	10μF 35V +100%-0%, Elect.
C424	EA10603510	10μF 35V +100%-0%, Elect.
C425	EA22702520	220μF 25V +100%-0%, Elect.
C426	EA22702520	220μF 25V +100%-0%, Elect.
C427	EA47603520	47μF 35V +100%-0%, Elect.
C428	EA47603520	47μF 35V +100%-0%, Elect.
C429	DD16300010	30pF 50V ±10%, Cer.
C430	DD16300010	30pF 50V ±10%, Cer.
C431	EA47603520	47μF 35V +100%-0%, Elect.
C432	EA47603520	47μF 35V +100%-0%, Elect.
C433	EA10700610	100μF 6.3V +100%-0%, Elect.
C434	EA10700610	100μF 6.3V +100%-0%, Elect.
C435	EA22603510	22μF 35V +100%-0%, Elect.
C436	EA22603510	22μF 35V +100%-0%, Elect.
C437	EB22803520	2200μF 35V +100%-0%, Elect.
C438	EB22803520	2200μF 35V +100%-0%, Elect.
C439	DF17104520	0.1μF 200V ±20%, Cer.
C440	DF17104520	0.1μF 200V ±20%, Cer.
C443	DD16101010	100pF 50V ±10%, Cer.
C444	DD16101010	100pF 50V ±10%, Cer.
C445	DD16201010	200pF 50V ±10%, Cer.
C446	DD16201010	200pF 50V ±10%, Cer.

REF. MARANTZ DESIG. PART NO.	DESCRIPTION	REF. MARANTZ DESIG. PART NO.	DESCRIPTION
C 447	DF36201020 200pF 50V ±10%, Mylar	C 507	EA47703510 470μF 35V +100% -0%, Elect.
C 448	DF36201020 200pF 50V ±10%, Mylar	J 501	YP10000360 Plug
H 401	HT307321B0 Transistor 2SC732(BL)	J 502	YP10000360 Plug
H 402	HT307321B0 Transistor 2SC732(BL)	J 503	YP10000360 Plug
H 403	HT307331D0 Transistor 2SC733(BL)	J 504	YP10000360 Plug
H 404	HT307331D0 Transistor 2SC733(BL)	J 505	YP10000360 Plug
H 405	HT307321A0 Transistor 2SC732(GR)	J 506	YP10000360 Plug
H 406	HT307321A0 Transistor 2SC732(GR)	J 507	YP10000360 Plug
H 407	HT3037310C Transistor 2SC373	J 508	YP10000360 Plug
H 408	HT3037310O Transistor 2SC373	J 509	YP10000360 Plug
H 409	HT308531B0 Transistor 2SC853(L)	J 510	YP10000360 Plug
H 410	HT308531B0 Transistor 2SC853(L)	J 511	YP10000360 Plug
H 411	HT304972A0 Transistor 2SC497(O or Y)	J 512	YP10000360 Plug
H 412	HT304972A0 Transistor 2SC497(O or Y)	J 513	YP10000360 Plug
H 413	HT104972A0 Transistor 2SA497(O or Y)	J 514	YP10000360 Plug
H 414	HT104972A0 Transistor 2SA497(O or Y)	H 501	HD30001130 Diode ZBI-11
H 415	HV00007050 Varistor S-3016R	H 502	HD20003010 Diode HR-5A
H 416	HV00007050 Varistor S-3016R	H 503	HD20003010 Diode HR-5A
H 421	HD20003010 Diode HR-5A	H 504	HD20003010 Diode HR-5A
H 422	HD20003010 Diode HR-5A	H 505	HD20005100 Diode 5B-2
J 401	YP10000360 Plug	P 600	YD27660060 PC Board
J 402	YP10000360 Plug	R 601	RT05682140 6.8KΩ ± 5% ¼W, Carbon Film
J 403	YP10000360 Plug	R 602	RT05682140 6.8KΩ ± 5% ¼W, Carbon Film
J 404	YP10000360 Plug	R 603	RT10223140 22KΩ ±10% ¼W, Carbon Film
J 405	YP10000360 Plug	R 604	RT10223140 22KΩ ±10% ¼W, Carbon Film
J 406	YP10000360 Plug	R 605	RN10225140 2.2MΩ ±10% ¼W, Carbon Film
J 407	YP10000360 Plug	R 606	RN10225140 2.2MΩ ±10% ¼W, Carbon Film
J 408	YP10000360 Plug	R 607	RT05103140 10KΩ ± 5% ¼W, Carbon Film
J 409	YP10000360 Plug	R 608	RT05103140 10KΩ ± 5% ¼W, Carbon Film
J 410	YP10000360 Plug	R 609	RT10122140 1.2KΩ ±10% ¼W, Carbon Film
J 411	YP10000360 Plug	R 610	RT10122140 1.2KΩ ±10% ¼W, Carbon Film
J 412	YP10000360 Plug	R 611	RT05103140 10KΩ ± 5% ¼W, Carbon Film
J 413	YP10000360 Plug	R 612	RT05103140 10KΩ ± 5% ¼W, Carbon Film
J 414	YP10000360 Plug	C 601	DF17403010 0.04μF ±20%, Mylar.
J 415	YP10000360 Plug	C 602	DF17403010 0.04μF ±20%, Mylar.
J 416	YP10000360 Plug	C 603	DD16201010 200pF ±10%, Mylar.
J 417	YP10000360 Plug	C 604	DD16201010 200pF ±10%, Mylar.
J 418	YP10000360 Plug	C 605	DF17333010 0.033μF ±20%, Mylar.
J 419	YP10000360 Plug	C 606	DF17333010 0.033μF ±20%, Mylar.
J 420	YP10000360 Plug	C 607	DF16332010 0.0033μF ±20%, Mylar.
J 421	YP10000360 Plug	C 608	DF16332010 0.0033μF ±20%, Mylar.
J 422	YP10000360 Plug	S 601	SP04040012 Push Switch
J 423	YP10000360 Plug	(1~4)	S 601-1 : Tape Mon
J 424	YP10000360 Plug		S 601-2 : Loudness
J 425	YP10000360 Plug		S 601-3 : Low Filter
J 426	YP10000360 Plug		S 601-4 : Muting
J 427	YP10000360 Plug	J 601	YP10000360 Plug
J 428	YP10000360 Plug	J 602	YP10000360 Plug
J 429	YP10000360 Plug	J 603	YP10000360 Plug
J 430	YP10000360 Plug	J 604	YP10000360 Plug
J 431	YP10000360 Plug	J 605	YP10000360 Plug
J 432	YP10000360 Plug	J 606	YP10000360 Plug
J 433	YP10000360 Plug	P 700	YD25770070 PC Board
J 434	YP10000360 Plug	H 701	HD20003010 Diode
P 500	YD27660050 PC Board (POWER SUPPLY)	H 702	HD20003010 Diode
R 501	RC10201010 200Ω ±10% 1W, Solid	H 703	HD20003010 Diode
R 502	RC10101010 100Ω ±10% 1W, Solid	H 704	HD20003010 Diode
C 501	EA22701050 220μF 10V +100% -0%, Elect.	R 001	RC10680120 68Ω ±10% ½W, Solid
C 502	EA47701620 470μF 16V +100% -0%, Elect.	R 002	RC10680120 68Ω ±10% ½W, Solid
C 503	EB33805510 3300pF 55V +100% -0%, Elect.	R 003	RC10082120 8.2Ω ±10% ½W, Solid
C 504	EA47702520 470μF 25V +100% -0%, Elect.	R 005	RT10272140 2.7KΩ ±10% ¼W, Carbon Film
C 505	DK18103510 0.01μF 500V +100% -0%, Cer.	R 006	RT10272140 2.7KΩ ±10% ¼W, Carbon Film
C 506	DK18103510 0.01μF 500V +100% -0%, Cer.	R 009	RC10471120 470Ω ±10% ½W, Solid

REF. DESIG.	MARANTZ PART NO.	DESCRIPTION
R010	RC10471120	470Ω ±10% ½W, Solid
R011	RT10225010	2.2MΩ ±10% 1 W, Carbon Film
R016	RM02540080	250KΩ Variable
R017	RM01040022	100KΩ (A) Variable
R018	RM05030110	50KΩ Variable
R019	RM05030110	50KΩ Variable
C001	EA10700650	6V 100μF +100% -20%, Elect.
C002	DF17333010	0.033μF ±20%, Mylar
C003	DF17333010	0.033μF ±20%, Mylar
C004	DF17224020	0.22μF ±20%, Mylar
C005	DF17224020	0.22μF ±20%, Mylar
C006	DK17103010	0.01μF ±20%, Cer.
C007	DO07473530	0.047μF ±20%, Oil Paper
H001	HT402572A0	Transistor 2SD257 (R or O)
H002	HT402572A0	Transistor 2SD257 (R or O)
H003	HT402572A0	Transistor 2SD257 (R or O)
H004	HT402572A0	Transistor 2SD257 (R or O)
L001	LF11400360	AM Ant Coil
L002	LB30075250	FM Balun Coil
L003	TS18501040	Power Transf.
W001	YC02400010	Power Cord
W002	YW27660012	Wire Materials
W003	YX27660010	Wire Materials
J001	YT03040020	Ant Terminal
J002	YT02080020	Audio US Jack
J003	YT03040020	Output Terminal
J004	YJ01000550	Head Phone Jack
J005	YJ04000320	A.C Socket
J006	YJ04000320	A.C Socket
J007	YL01030020	3P Lug
J008	YT01010030	G. Terminal
J009	YJ02000100	Lamp Socket
J010	YJ02000010	Lamp Socket
J011	YJ02000090	Lamp Socket
J012	YJ02000070	Stereo Lamp Socket
J013	YL01030010	Ant Lug
M001	IM11024060	Tuning Meter
M002	IN10080010	Stereo Beacon Lamp
M003	IN10060030	Pilot Lamp
M004	IN10060030	Pilot Lamp
M005	IN10060030	Pilot Lamp
S001	SS02020170	FM Ant. Att Switch
S002	SR05040010	Rotary Switch
S003	SP04010072	Stereo/Mono Switch
S004	SP04010062	Power Switch
F001	FR10160010	Circuit Breker 1.6A



marantz SERVICE BULLETIN	model number 26	bulletin number
	for serial numbers ALL	M-26-2
	subject RF PICKUP IN PHONO MODE	
	engineering approval N/A	date 10-16-73

We have had some reports of a few Model 26 receivers that have been detecting FM as well as citizens band signals when in the PHONO mode.

This problem can be alleviated by installing a .01 MFD ceramic capacitor between the ground terminal of the phono input jack and the chassis.

retype only of original printed 1-23-70