



SERVICE
MANUAL

PM 550DC



marantz®

model PM550DC

Stereo Console Amplifier

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, MARANTZ Company has created the ultimate in stereo sound. Only original MARANTZ parts can insure that your MARANTZ product will continue to perform to the specifications for which it is famous.

Parts for your MARANTZ stereo are generally available within 72 hours throughout the nation via a toll-free line to our National Parts Depot in California. The sales professionals who take your call immediately refer to their own desk top computer terminal and can quickly determine the availability and price information you require. If, for some reason, your order should exceed our available stock, we usually can instantly provide an alternate replacement part or current delivery information. When the order is placed and confirmed, the computer simultaneously generates "hard copy" orders at the distribution center. As hard copies come directly from the computer to the national parts depot, your requested stock is assembled and prepared for shipment and placed on the first available carrier for delivery to you.

ORDERING PARTS

Phone orders will eliminate mail delays, and we encourage the use of this method. If you order by mail, use MARANTZ parts order forms which are available from our National Parts Depot located at the following address:

SUPERSCOPE NATIONAL PARTS DEPARTMENT
20525 Nordhoff Street
Chatsworth, California 91311
Phone: 1-800-423-5108
1-213-998-9333

The following information must be supplied to eliminate delays in processing your order:

1. Complete address.
2. Complete part numbers.
3. Complete description of parts.
4. Model number for which part is required (indicate MARANTZ).
5. Account number (for account customers only).

Direct consumers will be provided with the current retail price quotation on available parts in order to advise them of the cost of the parts and shipping.

OVERSEAS PARTS ORDERING

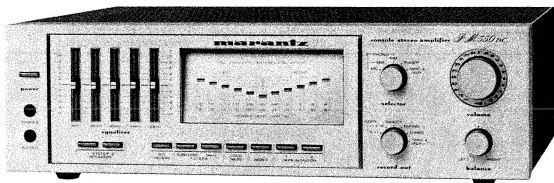
Parts may also be ordered from the following overseas addresses:

| U.S.A. | CANADA | AUSTRALIA | JAPAN |
|---|---|---|--|
| Marantz Company, Inc. National Service Dept. P.O. Box 577 Chatsworth, CA 91311 U.S.A. | Superscope Canada, Ltd. 3710 Nashua Drive Mississauga Ontario, Canada L4V1M5 | Marantz Australia 32 Cross Street Brookvale, NSW 2100 Australia | Marantz Japan, Inc. 3622 Kamitsuruma Sagamihara-shi Kanagawa, Japan |
| EUROPE | | | |
| Marantz Europe S.A. 326 Avenue Louise Bte 32 1050 Brussels Belgium | Marantz France 4 rue Bernard Palissy 92600 Asnieres France | Marantz Audio U.K., Ltd. 193 London Road Staines, Middlesex United Kingdom | Marantz Germany GMBH Max-Planck-Strasse 22 6072 Dreieich West Germany |
| Marantz Belgium 45 rue Auguste Van Zande 1080 Brussels Belgium | Marantz Svenska A.B. Franzengatan 6 10425 Stockholm Sweden | Marantz Norske A.S. Refstadalleen 13 Oslo 5 Norway | |

All of the above locations are fully equipped to take care of your total service needs. Because various countries have differing configuration requirements, it is necessary that you contact the service facility in your particular country. In the event that there is no service location listed for your country, please contact the nearest facility for the necessary assistance.

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1. IDLING CURRENT ADJUSTMENT

Adjust R783 so that the voltage at TP1 is 8 mV 30 seconds after the power is turned on. Adjust R784 so that the voltage at TP2 is the same as above.

These values are for estimated adjustments. The actual voltage when the unit is warmed up should be 12 mV, thus the idling current is about 36 mV.

2. LED POWER LEVEL ADJUSTMENT

Apply a sine wave signal of 1 kHz to the AUX jacks and adjust so that the output voltage is 20V with a load of 8Ω .

Adjust RX07 so that only L channel level LED (QX17) of 8Ω , 100W goes off. Adjust RX08 for the R channel. Confirm that the QX17 and QX18 light up when the output voltage slightly exceeds 20V.

Table 1. Test Equipment Required for Servicing

| Item | Manufacturer and Model No. | Use |
|---|--|---|
| Distortion Analyzer Audio Oscillator AC Voltmeter | Sound Technology Model 1700B | Distortion Measurements Sinewave and squarewave signal source voltage measurements (AC) |
| Oscilloscope | Tektronix Model T932 Philips Model 3232 | Waveform analysis and trouble shooting and ASO alignment |
| Circuit Tester | | Trouble shooting |
| DC Voltmeter | Fluke Model 8000 "Digital" Simpson Model 313, Triplet Model 801 | Voltage measurements (DC) |
| AC Wattmeter | Simpson Model 1379 | Monitors primary power to amplifier |
| AC Ammeter | Commercial Grade (1 ~ 10A) | Monitors amplifier output under short circuit condition |
| Line Voltmeter | Simpson Model 1359 | Monitors potential of primary power to amplifier |
| Variable Autotransformer | Superior Electronic Co., Powerstat Model 116B-10A | Adjusts level of primary power to amplifier |
| Shorting Plug | Use phono plug with 600 ohm across center pin and shell | Shorts amplifier input to eliminate noise pickup |
| Output Load (8 ohms, $\pm 0.5\%$ 100W) | Commercial Grade | Provides 8-ohm load for amplifier output termination |
| Output Load (4 ohms, $\pm 0.5\%$ 100W) | Commercial Grade | Provides 4-ohm load for amplifier output termination |
| Output Load Capacitor (0.5 mfd) | Mylar | Provides capacitive load for instability checks |
| AC Power Control Box | Optional Item. Fabricate in accordance with Figure 1 | Monitors and controls primary power for amplifier |
| Amplifier Output Load Box | Optional Item. Fabricate in accordance with Figure 2 | Provides various amplifier loads and can monitor shorted output |

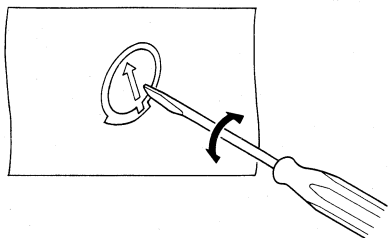
3. VOLTAGE CONVERSION

• EUROPEAN MODEL ONLY

To convert the unit to a different power source voltage, change the position as illustrated in the drawing below.

CAUTION
DISCONNECT POWER SUPPLY CORD FROM AC OUTLET BEFORE CONVERTING VOLTAGE.

Voltage Conversion Chart



240V \circ \circ 120V
220V \circ \circ 110V



(A) Version

240V \circ \circ 120V
220V \circ \circ 110V



(N) Version

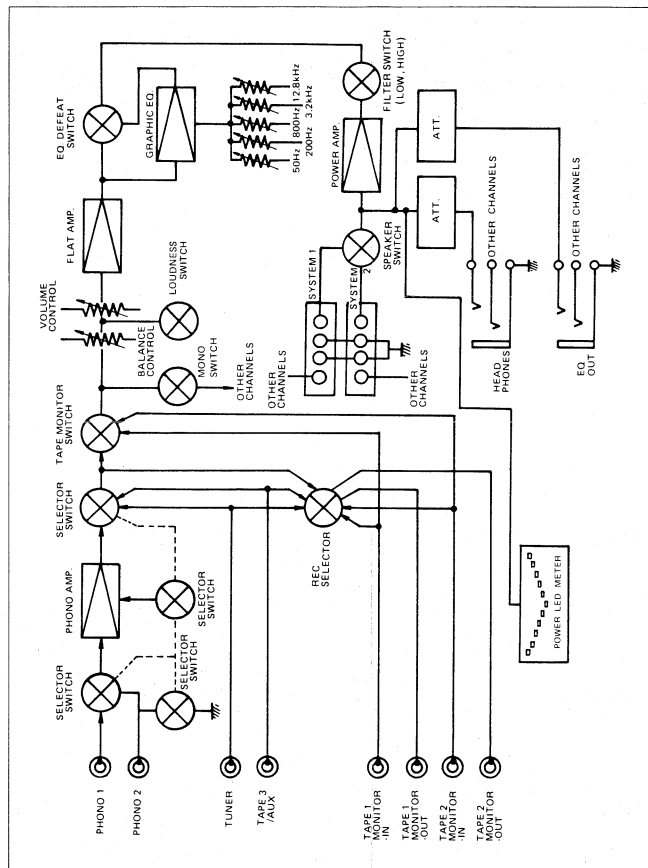
240V \circ \circ 120V
220V \circ \circ 110V

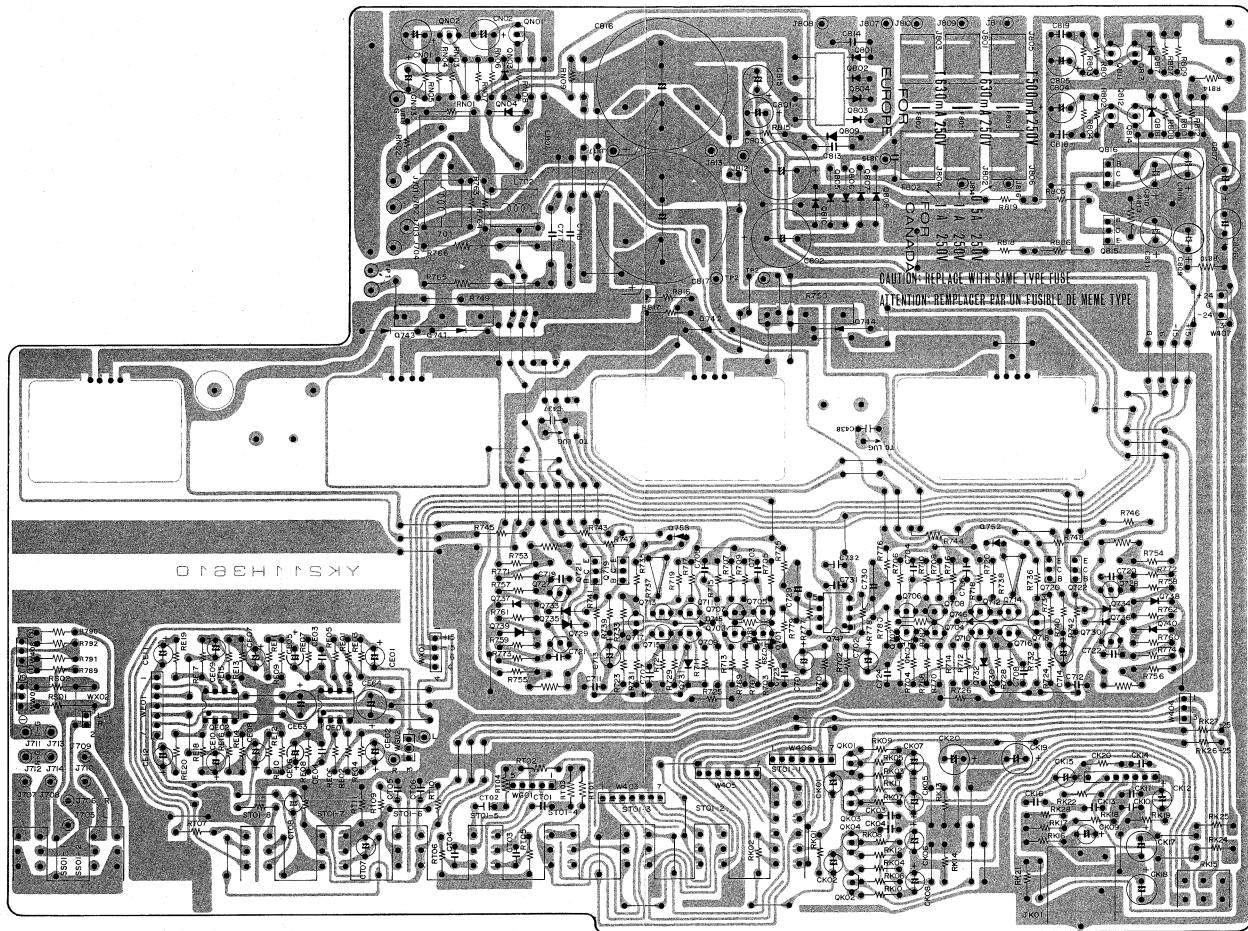


(P) Version

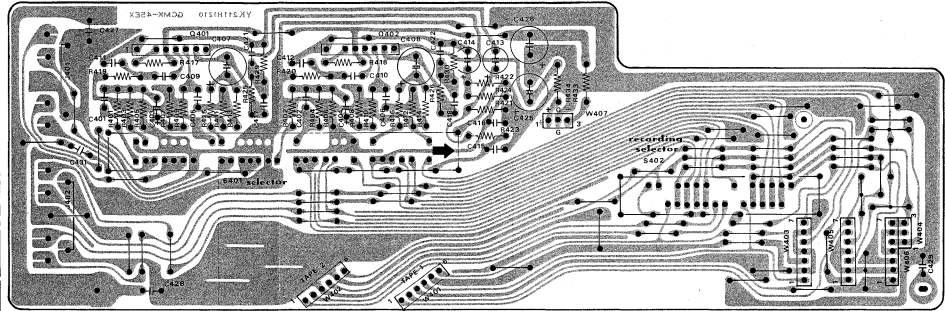
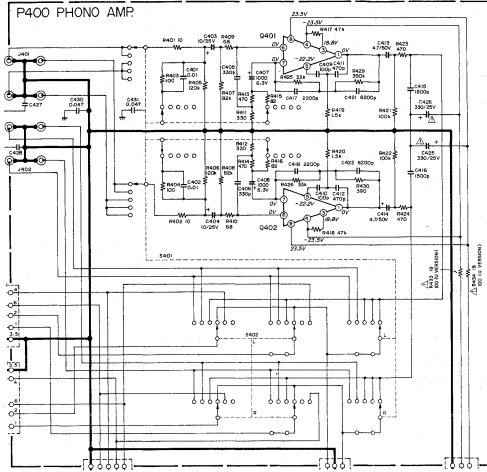
Note on safety: The parts marked with Δ are important parts on the safety. Please use the parts having the designated parts number without fail.

4. BLOCK DIAGRAM

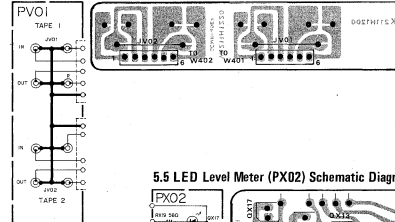




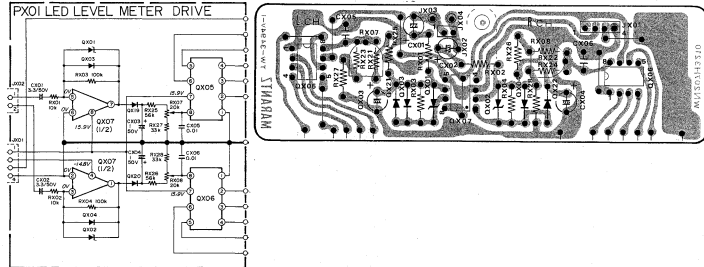
5.2 Phono Amp (P400) Schematic Diagram and Component Locations



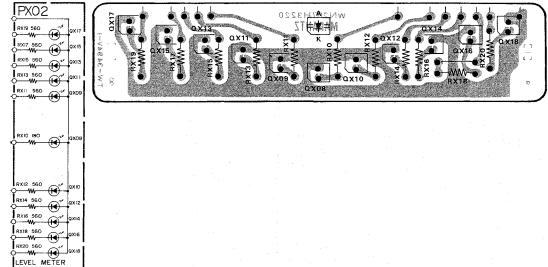
5.3 Tape In/Out (PV01) Schematic Diagram and Component Locations



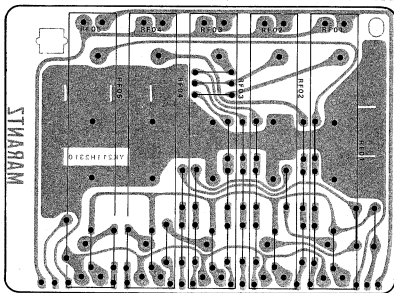
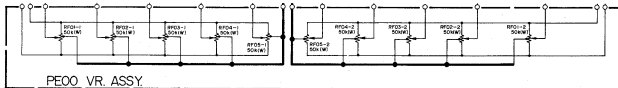
5.4 LED Level Meter Drive (PX01) Schematic Diagram and Component Locations



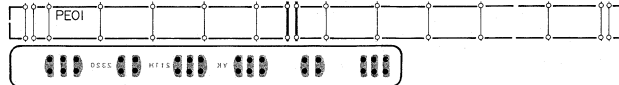
5.5 LED Level Meter (PX02) Schematic Diagram and Component Locations



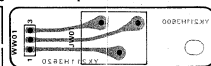
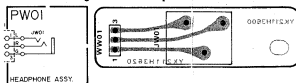
5.6 Graphic Volume (PE00) Schematic Diagram and Component Locations



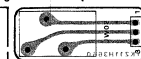
5.7 Graphic Connection (PE01) Schematic Diagram and Component Locations



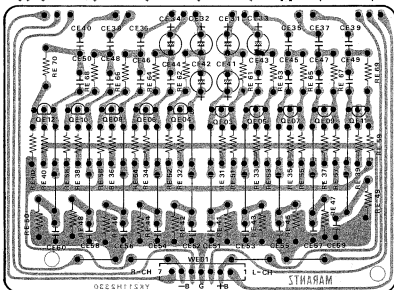
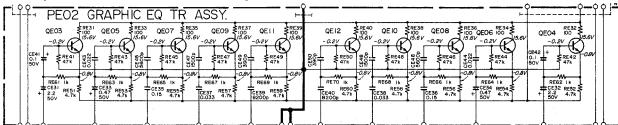
5.9 Head Phone (PW01) Schematic Diagram and Component Locations



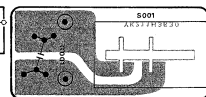
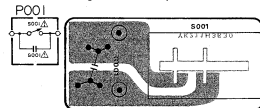
5.10 EQ Out (PW02) Schematic Diagram and Component Locations



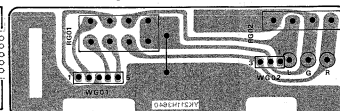
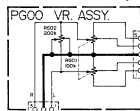
5.8 Graphic Transistor (PE02) Schematic Diagram and Component Locations



5.11 Power Switch (PO01) Schematic Diagram and Component Locations

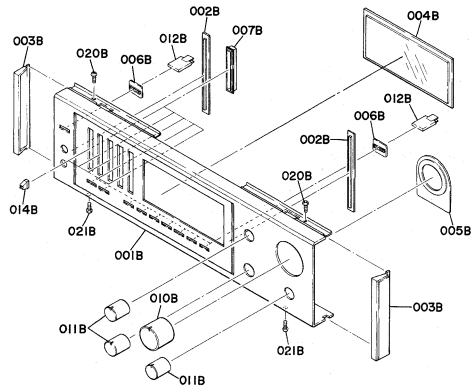


5.12 Volume Assembly (PG00) Schematic Diagram and Component Locations



6. EXPLODED VIEWS AND PARTS LIST

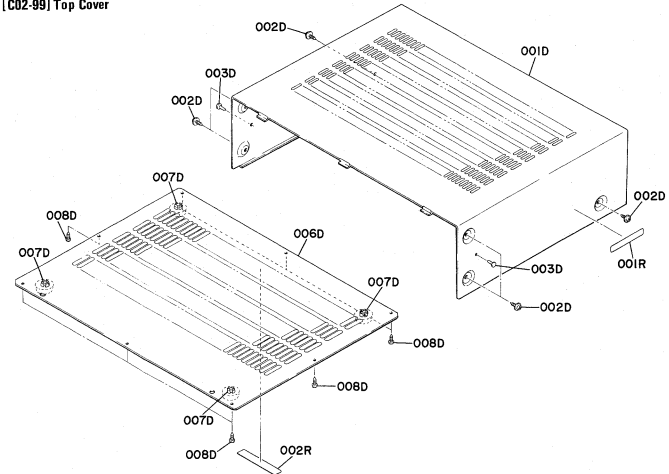
[C01-99] Front Panel



| REF. DESIG. | Q'TY | | | | | PART NO. | DESCRIPTION |
|-------------|------|----|----|----|----|------------|-------------------------|
| | U | C | N | A | P | | |
| A | 1 | 1 | 1 | 1 | 1 | 211H063400 | Front Panel Assembly |
| 001B | 1 | 1 | 1 | 1 | 1 | 211H063010 | Escutcheon, Front Panel |
| 002B | 2 | 2 | 2 | 2 | 2 | 211H063020 | Escutcheon |
| 003B | 2 | 2 | 2 | 2 | 2 | 211H067010 | Cap, Panel Side |
| 004B | 1 | 1 | 1 | 1 | 1 | 211H158010 | Window, Power LED |
| 005B | 1 | 1 | 1 | 1 | 1 | 208H063020 | Escutcheon, Volume |
| 006B | 10 | 10 | 10 | 10 | 10 | 208H259010 | Bushing, Push Switch |
| 007B | 5 | 5 | 5 | 5 | 5 | 2129259020 | Bushing, Slide Volume |

| REF. DESIG. | Q'TY | | | | | PART NO. | DESCRIPTION |
|-------------|------|----|----|----|----|------------|--------------------------|
| | U | C | N | A | P | | |
| 010B | 1 | 1 | 1 | 1 | 1 | 208H154010 | Knob, Volume |
| 011B | 3 | 3 | 3 | 3 | 3 | 208H154020 | Knob, Rotary Switch |
| 012B | 10 | 10 | 10 | 10 | 10 | 208H154060 | Knob, Push |
| 014B | 5 | 5 | 5 | 5 | 5 | 208H154050 | Knob, Slide Volume |
| 020B | 2 | 2 | 2 | 2 | 2 | 5128030880 | B.H. Tapped Screw B3 x 8 |
| 021B | 2 | 2 | 2 | 2 | 2 | 5128030880 | B.H. Tapped Screw B3 x 8 |

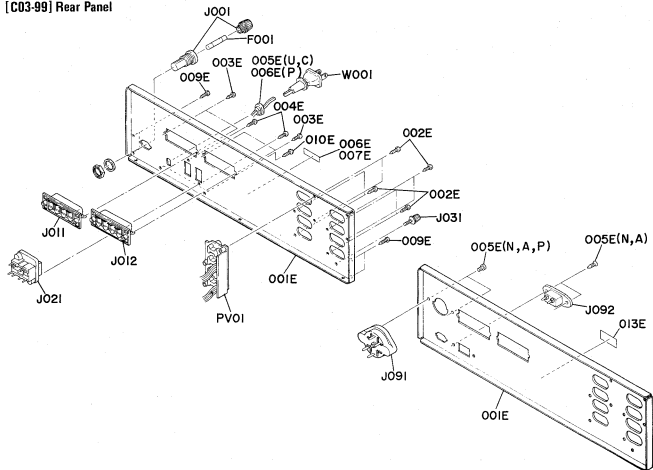
[C02-99] Top Cover



| REF. DESIG. | Q'TY | | | | | PART NO. | DESCRIPTION |
|-------------|------|---|---|---|---|------------|--------------------------|
| | U | C | N | A | P | | |
| 001D | 1 | 1 | 1 | 1 | 1 | 211H257010 | Lid, Top Cover |
| 002D | 6 | 6 | 6 | 6 | 6 | 5128040820 | B.T. Screw B4 x 8 |
| 003D | 2 | 2 | 2 | 2 | 2 | 2991259010 | Bushing |
| 006D | 1 | 1 | 1 | 1 | 1 | 211H257020 | Lid, Bottom Cover |
| 007D | 4 | 4 | 4 | 4 | 4 | 403H057010 | Leg |
| 008D | 8 | 8 | 8 | 8 | 8 | 5128030880 | B.H. Tapped Screw B3 x 8 |

| REF. DESIG. | Q'TY | | | | | PART NO. | DESCRIPTION |
|-------------|------|---|---|---|---|------------|-------------|
| | U | C | N | A | P | | |
| 001R | 1 | 1 | 1 | 1 | 1 | 2922861010 | Label |
| 002R | 1 | 1 | 1 | 1 | 1 | 2578861010 | Label |

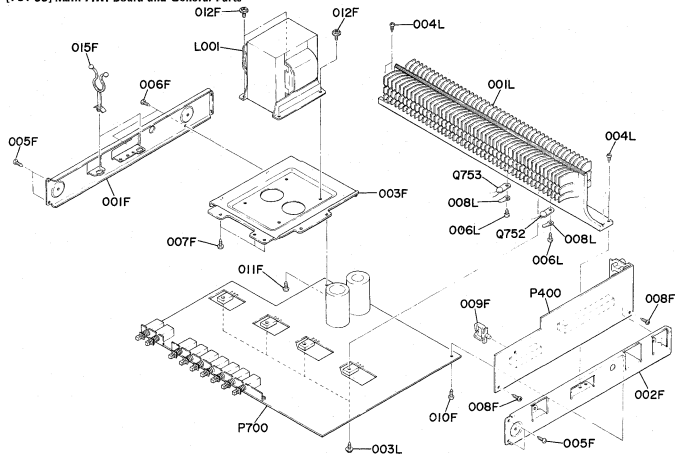
[C03-99] Rear Panel



| REF. DESIG. | Q'TY | | | | | PART NO. | DESCRIPTION |
|-------------|------|---|---|---|---|------------|----------------------------|
| | U | C | N | A | P | | |
| 001E | 1 | | | | | 211H160210 | Bracket, Rear Panel |
| 001E | | 1 | | | | 211H160220 | Bracket, Rear Panel |
| 001E | | | 1 | | | 211H160230 | Bracket, Rear Panel |
| 001E | | | | 1 | | 211H160240 | Bracket, Rear Panel |
| 002E | 8 | 8 | 8 | 8 | | 51280308U0 | B.H. Tapped Screw B3 x 8 |
| 003E | 4 | 4 | 4 | 4 | | 51280308U0 | B.H. Tapped Screw B3 x 8 |
| 004E | 2 | 2 | 2 | 2 | | 51280308U0 | B.H. Tapped Screw B3 x 8 |
| 005E | 1 | | | | | 1455259030 | Bushing, AC Cord |
| 005E | | 2 | 2 | | | 51420308T0 | O.C.H. Tapped Screw O3 x 8 |
| 005E | | 2 | 2 | 2 | | 51280308U0 | B.H. Tapped Screw B3 x 8 |
| 006E | 1 | 1 | 1 | 1 | | 2112265010 | Indicator |
| 006E | | | | | 1 | 1455259030 | Bushing, AC Cord |
| 007E | | | | | 1 | 2112265010 | Indicator |
| 009E | 4 | 4 | 4 | 4 | | 51280308U0 | B.H. Tapped Screw B3 x 8 |
| 010E | 2 | 2 | 2 | 2 | | 51280308U0 | B.H. Tapped Screw B3 x 8 |
| 013E | | | 1 | | | 4581861010 | Label |

| REF. DESIG. | Q'TY | | | | | PART NO. | DESCRIPTION |
|-------------|------|---|---|---|---|------------|--------------------|
| | U | C | N | A | P | | |
| Δ F001 | 1 | 1 | | | | FS10350010 | Fuse 3.5A 250V |
| Δ F001 | | | 1 | 1 | | FS10125800 | Fuse 1.25A 250V |
| Δ F001 | | | | | 1 | FS10350030 | Fuse 3.5A 250V |
| Δ J001 | 1 | | | | | YJ08000310 | Jack, Fuse Holder |
| Δ J001 | | | 1 | 1 | | YJ08000290 | Jack, Fuse Holder |
| Δ J001 | | 1 | 1 | 1 | | YJ08000300 | Jack, Fuse Holder |
| J011 | 1 | 1 | 1 | 1 | | YT03040200 | Terminal, System 1 |
| J012 | 1 | 1 | 1 | 1 | | YT03040200 | Terminal, System 2 |
| Δ J021 | 1 | 1 | | | | YJ04000740 | Jack, AC Outlet |
| Δ J021 | | | 1 | 1 | | YJ04000750 | Jack, AC Outlet |
| Δ J031 | 1 | 1 | 1 | 1 | | YL03010250 | Terminal, GND |
| Δ J091 | | | 1 | 1 | | BY05060040 | Voltage Selector |
| Δ J092 | | | 1 | 1 | | YP04000590 | Plug, AC Inlet |
| Δ W001 | 1 | 1 | | | | YC01900070 | A.C. Power Cord |
| Δ W001 | | | | | 1 | YC01800190 | A.C. Power Cord |

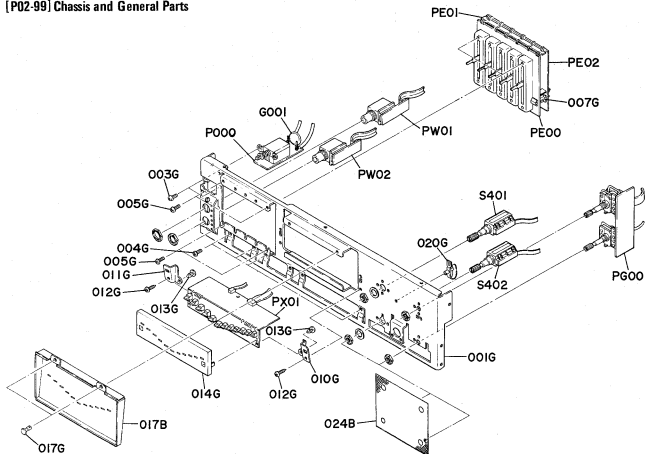
[P01-99] Main P.W. Board and General Parts



| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|---|------------|---------------------------|
| | U | C | N | A | P | | |
| 001F | 1 | 1 | 1 | 1 | 1 | 211H126010 | Stay, (L) |
| 002F | 1 | 1 | 1 | 1 | 1 | 211H126020 | Stay, (R) |
| 003F | 1 | 1 | 1 | 1 | 1 | 211H105010 | Chassis, Transformer |
| 005F | 4 | 4 | 4 | 4 | 4 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 006F | 2 | 2 | 2 | 2 | 2 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 007F | 3 | 3 | 3 | 3 | 3 | 51280408B0 | B.H. Tapped Screw B4 x 8 |
| 008F | 2 | 2 | 2 | 2 | 2 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 009F | 1 | 1 | 1 | 1 | 1 | 2886005050 | Clamper |
| 010F | 1 | 1 | 1 | 1 | 1 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 011F | 1 | 1 | 1 | 1 | 1 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 012F | 4 | 4 | 4 | 4 | 4 | 52040410A0 | H. Head Bolt, S.F H4 x 10 |
| 015F | 2 | 2 | 2 | 2 | 2 | 2139005010 | Clamper |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|---|------------|--------------------------|
| | U | C | N | A | P | | |
| 001L | 1 | 1 | 1 | 1 | 1 | 211H267010 | Heatsink |
| 003L | 4 | 4 | 4 | 4 | 4 | 51260312B0 | B.T. Screw B3 x 12 |
| 004L | 4 | 4 | 4 | 4 | 4 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 006L | 2 | 2 | 2 | 2 | 2 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 008L | 2 | 2 | 2 | 2 | 2 | 62030049W0 | Lug |
| Δ L001 | 1 | 1 | 1 | 1 | 1 | TS18614010 | Power Transformer |
| Δ L001 | 1 | 1 | 1 | 1 | 1 | TS19616010 | Power Transformer |
| Q752 | 1 | 1 | 1 | 1 | 1 | HV00010120 | Varistor, MV-11Y |
| Q753 | 1 | 1 | 1 | 1 | 1 | HV00010120 | Varistor, MV-11Y |

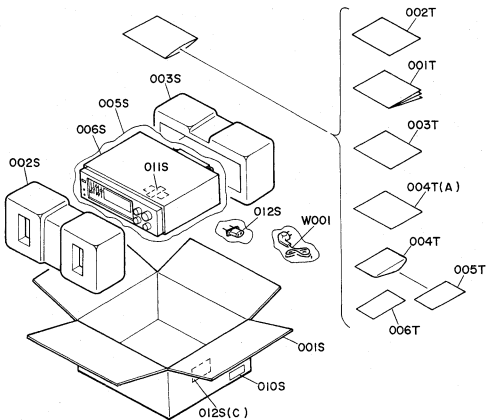
[P02-99] Chassis and General Parts



| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|---|------------|--------------------------|
| | U | C | N | A | P | | |
| 017B | 1 | 1 | 1 | 1 | 1 | 211H302010 | Dial, Power Level |
| 024B | 1 | 1 | 1 | 1 | 1 | 211H303010 | Mask |
| 001G | 1 | 1 | 1 | 1 | 1 | 211H160010 | Bracket, Front Chassis |
| 003G | 2 | 2 | 2 | 2 | 2 | 51100306A9 | B.H.M. Screw B3 x 6 |
| 004G | 4 | 4 | 4 | 4 | 4 | 51100306A9 | B.H.M. Screw B3 x 6 |
| 005G | 4 | 4 | 4 | 4 | 4 | 51100306A9 | B.H.M. Screw B3 x 6 |
| 007G | 1 | 1 | 1 | 1 | 1 | 2139271020 | Holder |
| 010G | 1 | 1 | 1 | 1 | 1 | 211H160020 | Bracket, (R) |
| 011G | 1 | 1 | 1 | 1 | 1 | 211H160030 | Bracket, (L) |
| 012G | 2 | 2 | 2 | 2 | 2 | 51280308B0 | B.H. Tapped Screw B3 x 8 |
| 013G | 2 | 2 | 2 | 2 | 2 | 2965005010 | Clamper |
| 014G | 1 | 1 | 1 | 1 | 1 | 208H118010 | Spacer |
| 017G | 2 | 2 | 2 | 2 | 2 | 2276005050 | Clamper |
| 020G | 1 | 1 | 1 | 1 | 1 | 2137005030 | Clamper |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|---|------------|--------------------------|
| | U | C | N | A | P | | |
| Δ.G001 | 1 | 1 | | | | DK18103530 | Ceramic Cap. 0.01μF 125V |
| Δ.G001 | | | 1 | 1 | | DK18103840 | Ceramic Cap. 0.01μF 400V |
| Δ.G001 | | | | | 1 | DK18103850 | Ceramic Cap. 0.01μF 250V |
| S401 | 1 | 1 | 1 | 1 | 1 | SR00050070 | Rotary Switch |
| S402 | 1 | 1 | 1 | 1 | 1 | SR00060020 | Rotary Switch |

[H01-99] Packing Materials



| REF. DESIG. | QTY | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|------------|--------------------|
| | U | C | N | A | | |
| 001S | 1 | 1 | | | 211H801010 | Packing Case |
| 001S | | | 1 | 1 | 211H801020 | Packing Case |
| 001S | | | 1 | 1 | 211H801030 | Packing Case |
| 002S | 1 | 1 | 1 | 1 | 211H809010 | Cushion, Front |
| 003S | 1 | 1 | 1 | 1 | 211H809020 | Cushion, Rear |
| 005S | 1 | 1 | 1 | 1 | 9090909040 | Polyethylene Sheet |
| 006S | 1 | 1 | 1 | 1 | 2918107150 | Sheet |
| 010S | 2 | | | | 9526019010 | Serial No. Card |
| 010S | | 4 | | | 9526019020 | Serial No. Card |
| 010S | | | 4 | | 9526019060 | Serial No. Card |
| 010S | | | | 4 | 9526019030 | Serial No. Card |
| 010S | | | | 3 | 9526019050 | Serial No. Card |
| 011S | | | 1 | | 2731821010 | Silicagel |
| 012S | | | | 1 | YJ04000240 | Jack, AC Adaptor |
| 012S | | 2 | | | 9510901020 | Label |

| REF. DESIG. | QTY | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|------------|-----------------|
| | U | C | N | A | | |
| 001T | 1 | | 1 | | 211H851010 | Instructions |
| 001T | | 1 | 1 | 1 | 211H851310 | Instructions |
| 002T | 1 | | 1 | 1 | 211H851020 | Instructions |
| 002T | | 1 | | | 211H851220 | Instructions |
| 002T | | | 1 | | 211H851320 | Instructions |
| 003T | 1 | | | | 2818854020 | Guarantee Card |
| 003T | | | 1 | | 2818854040 | Guarantee Card |
| 003T | | | | 1 | 211H856010 | Circuit Diagram |
| 003T | | | | 1 | 2205851040 | Instructions |
| 003T | | | | 1 | 2818854010 | Guarantee Card |
| 004T | 1 | | | | 2225813010 | Envelope |
| 004T | | 1 | | | 2918813010 | Envelope |
| 004T | | | | 1 | 9631000090 | Guarantee Card |
| 005T | 1 | | | | 9630000180 | Guarantee Card |
| 006T | 1 | | | | 9650000050 | S. Station Card |
| 006T | | | | 1 | 9650000010 | S. Station Card |
| △W001 | | | | 1 | ZC01805030 | A.C. Power Cord |
| △W001 | | | | 1 | ZC02006030 | A.C. Power Cord |

ELECTRICAL PARTS LIST

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|---|-----|---|---|---|---|------------|--|
| | U | C | N | A | P | | |
| P400 | 1 | 1 | 1 | 1 | 1 | YK211H1210 | P400-PHONO AMP CIRCUIT BOARD P.W. Board, Phono Amp |
| | 1 | 1 | 1 | 1 | 1 | ZZ211H1210 | P.W. Board Assembly |
| P400-CAPACITORS | | | | | | | |
| C401 | 1 | 1 | 1 | 1 | 1 | DF17103300 | Film 0.01 μ F \pm 20% |
| C402 | 1 | 1 | 1 | 1 | 1 | DF17103300 | Film 0.01 μ F \pm 20% |
| C403 | 1 | 1 | 1 | 1 | 1 | EA10602530 | Elect 10 μ F 25V |
| C404 | 1 | 1 | 1 | 1 | 1 | EA10602530 | Elect 10 μ F 25V |
| C405 | 1 | 1 | 1 | 1 | 1 | DK16331300 | Ceramic 330pF \pm 10% |
| C406 | 1 | 1 | 1 | 1 | 1 | DK16331300 | Ceramic 330pF \pm 10% |
| C407 | 1 | 1 | 1 | 1 | 1 | EA10800630 | Elect 1000 μ F 6.3V |
| C408 | 1 | 1 | 1 | 1 | 1 | EA10800630 | Elect 1000 μ F 6.3V |
| C409 | 1 | 1 | 1 | 1 | 1 | DK16101300 | Ceramic 100pF \pm 10% |
| C410 | 1 | 1 | 1 | 1 | 1 | DK16101300 | Ceramic 100pF \pm 10% |
| C411 | 1 | 1 | 1 | 1 | 1 | DK16471300 | Ceramic 470pF \pm 10% |
| C412 | 1 | 1 | 1 | 1 | 1 | DK16471300 | Ceramic 470pF \pm 10% |
| C413 | 1 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7 μ F 50V |
| C414 | 1 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7 μ F 50V |
| C415 | 1 | 1 | 1 | 1 | 1 | DF16152300 | Film 1500pF \pm 10% |
| C416 | 1 | 1 | 1 | 1 | 1 | DF16152300 | Film 1500pF \pm 10% |
| C417 | 1 | 1 | 1 | 1 | 1 | DF15222300 | Film 2200pF \pm 5% |
| C418 | 1 | 1 | 1 | 1 | 1 | DF15222300 | Film 2200pF \pm 5% |
| C419 | 1 | 1 | 1 | 1 | 1 | DF15822300 | Film 8200pF \pm 5% |
| C422 | 1 | 1 | 1 | 1 | 1 | DF15822300 | Film 8200pF \pm 5% |
| ΔC425 | 1 | 1 | 1 | 1 | 1 | EA33702530 | Elect 330 μ F 25V |
| ΔC426 | 1 | 1 | 1 | 1 | 1 | EA33702530 | Elect 330 μ F 25V |
| C427 | 1 | 1 | 1 | 1 | 1 | DK18473320 | Ceramic 0.047 μ F |
| C428 | 1 | 1 | 1 | 1 | 1 | DK18473320 | Ceramic 0.047 μ F |
| C429 | 1 | 1 | 1 | 1 | 1 | DK18473320 | Ceramic 0.047 μ F |
| C430 | 1 | 1 | 1 | 1 | 1 | DK18473320 | Ceramic 0.047 μ F |
| C431 | 1 | 1 | 1 | 1 | 1 | DK18473320 | Ceramic 0.047 μ F |
| P400-RESISTORS (All Resistors are \pm5% & $\%$W) | | | | | | | |
| R401 | 1 | 1 | 1 | 1 | 1 | GD05100140 | 10 Ω |
| R402 | 1 | 1 | 1 | 1 | 1 | GD05100140 | 10 Ω |
| R403 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100 Ω |
| R404 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100 Ω |
| R405 | 1 | 1 | 1 | 1 | 1 | GD05124140 | 120K Ω |
| R406 | 1 | 1 | 1 | 1 | 1 | GD05124140 | 120K Ω |
| R407 | 1 | 1 | 1 | 1 | 1 | GD05823140 | 82K Ω |
| R408 | 1 | 1 | 1 | 1 | 1 | GD05823140 | 82K Ω |
| R409 | 1 | 1 | 1 | 1 | 1 | GD05680140 | 68 Ω |
| R410 | 1 | 1 | 1 | 1 | 1 | GD05680140 | 68 Ω |
| R411 | 1 | 1 | 1 | 1 | 1 | GD05331140 | 330 Ω |
| R412 | 1 | 1 | 1 | 1 | 1 | GD05331140 | 330 Ω |
| R413 | 1 | 1 | 1 | 1 | 1 | GD05471140 | 470 Ω |
| R414 | 1 | 1 | 1 | 1 | 1 | GD05471140 | 470 Ω |
| R415 | 1 | 1 | 1 | 1 | 1 | GD05820140 | 82 Ω |
| R416 | 1 | 1 | 1 | 1 | 1 | GD05820140 | 82 Ω |
| R417 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47K Ω |
| R418 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47K Ω |
| R419 | 1 | 1 | 1 | 1 | 1 | GD05152140 | 1.5K Ω |
| R420 | 1 | 1 | 1 | 1 | 1 | GD05152140 | 1.5K Ω |
| R421 | 1 | 1 | 1 | 1 | 1 | GD05104140 | 100K Ω |
| R422 | 1 | 1 | 1 | 1 | 1 | GD05104140 | 100K Ω |
| R423 | 1 | 1 | 1 | 1 | 1 | GD05471140 | 470 Ω |
| R424 | 1 | 1 | 1 | 1 | 1 | GD05471140 | 470 Ω |
| R425 | 1 | 1 | 1 | 1 | 1 | GD05331140 | 33K Ω |
| R426 | 1 | 1 | 1 | 1 | 1 | GD05331140 | 33K Ω |
| R429 | 1 | 1 | 1 | 1 | 1 | GD05394140 | 390K Ω |
| R430 | 1 | 1 | 1 | 1 | 1 | GD05394140 | 390K Ω |
| ΔR433 | 1 | 1 | 1 | 1 | 1 | GG05101140 | 100 Ω |
| ΔR434 | 1 | 1 | 1 | 1 | 1 | GG05101140 | 100 Ω |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|---------------------------|-----|---|---|---|---|------------|--------------------------------|
| | U | C | N | A | P | | |
| Q401 | 1 | 1 | 1 | 1 | 1 | HC10035010 | P400-IC'S IC HA12017 |
| | 1 | 1 | 1 | 1 | 1 | HC10035010 | IC HA12017 |
| P400-MISCELLANEOUS | | | | | | | |
| J401 | 1 | 1 | 1 | 1 | 1 | YT02040260 | Terminal, Input |
| J402 | 1 | 1 | 1 | 1 | 1 | YT02040260 | Terminal, Input |
| S401 | 1 | 1 | 1 | 1 | 1 | SR00050070 | Rotary Switch |
| S402 | 1 | 1 | 1 | 1 | 1 | SR00060020 | Rotary Switch |
| S403 | 1 | 1 | 1 | 1 | 1 | SS08060020 | Slide Switch |
| S404 | 1 | 1 | 1 | 1 | 1 | SS08060020 | Slide Switch |
| W401 | 1 | 1 | 1 | 1 | 1 | YU06180260 | Jumper Lead |
| W402 | 1 | 1 | 1 | 1 | 1 | YU06160260 | Jumper Lead |
| W403 | 1 | 1 | 1 | 1 | 1 | YU07240260 | Jumper Lead |
| W404 | 1 | 1 | 1 | 1 | 1 | YU03060260 | Jumper Lead |
| W407 | 1 | 1 | 1 | 1 | 1 | YU03080240 | Jumper Lead |
| W408 | 1 | 1 | 1 | 1 | 1 | YU03180260 | Jumper Lead |
| P700 | 1 | 1 | 1 | 1 | 1 | YK211H3610 | P.W. Board, Main Amp |
| | 1 | 1 | 1 | 1 | 1 | ZZ211H3610 | P.W. Board Assembly |
| | 1 | 1 | 1 | 1 | 1 | ZZ211H8610 | P.W. Board Assembly |
| | 1 | 1 | 1 | 1 | 1 | ZZ211H7610 | P.W. Board Assembly |
| | | | | | 1 | ZZ211H6610 | P.W. Board Assembly |
| P700-CAPACITORS | | | | | | | |
| C701 | 1 | 1 | 1 | 1 | 1 | EA10602530 | Elect 10 μ F 25V |
| C702 | 1 | 1 | 1 | 1 | 1 | EA10602530 | Elect 10 μ F 25V |
| C703 | 1 | 1 | 1 | 1 | 1 | DD15220300 | Ceramic 22pF \pm 5% |
| C704 | 1 | 1 | 1 | 1 | 1 | DD15220300 | Ceramic 22pF \pm 5% |
| C705 | 1 | 1 | 1 | 1 | 1 | DD15470300 | Ceramic 47pF \pm 5% |
| C706 | 1 | 1 | 1 | 1 | 1 | DD15470300 | Ceramic 47pF \pm 5% |
| C711 | 1 | 1 | 1 | 1 | 1 | DK16331300 | Ceramic 330pF \pm 10% |
| C712 | 1 | 1 | 1 | 1 | 1 | DK16331300 | Ceramic 330pF \pm 10% |
| C713 | 1 | 1 | 1 | 1 | 1 | EA10701030 | Elect 100 μ F 10V |
| C714 | 1 | 1 | 1 | 1 | 1 | EA10701030 | Elect 100 μ F 10V |
| C717 | 1 | 1 | 1 | 1 | 1 | DF17473520 | Film 0.047 μ F \pm 20% |
| C718 | 1 | 1 | 1 | 1 | 1 | DF17473520 | Film 0.047 μ F \pm 20% |
| C719 | 1 | 1 | 1 | 1 | 1 | DF16152300 | Film 1500pF \pm 10% |
| C720 | 1 | 1 | 1 | 1 | 1 | DF16152300 | Film 1500pF \pm 10% |
| C721 | 1 | 1 | 1 | 1 | 1 | DF16152300 | Film 1500pF \pm 10% |
| C722 | 1 | 1 | 1 | 1 | 1 | DF16152300 | Film 1500pF \pm 10% |
| C723 | 1 | 1 | 1 | 1 | 1 | DK16471300 | Ceramic 470pF \pm 10% |
| C724 | 1 | 1 | 1 | 1 | 1 | DK16471300 | Ceramic 470pF \pm 10% |
| C725 | 1 | 1 | 1 | 1 | 1 | EA22601030 | Elect 22 μ F 10V |
| C726 | 1 | 1 | 1 | 1 | 1 | EA22601030 | Elect 22 μ F 10V |
| C727 | 1 | 1 | 1 | 1 | 1 | EA22601030 | Elect 22 μ F 10V |
| C728 | 1 | 1 | 1 | 1 | 1 | EA22601030 | Elect 22 μ F 10V |
| C729 | 1 | 1 | 1 | 1 | 1 | EQ10505030 | Elect 1 μ F 50V |
| C730 | 1 | 1 | 1 | 1 | 1 | EQ10505030 | Elect 1 μ F 50V |
| C731 | 1 | 1 | 1 | 1 | 1 | DK18223320 | Ceramic 0.022 μ F |
| C732 | 1 | 1 | 1 | 1 | 1 | DK18223320 | Ceramic 0.022 μ F |
| C733 | 1 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7 μ F 50V |
| C734 | 1 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7 μ F 50V |
| C735 | 1 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7 μ F 50V |
| C736 | 1 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7 μ F 50V |
| C737 | 1 | 1 | 1 | 1 | 1 | DK18473320 | Ceramic 0.047 μ F |
| C738 | 1 | 1 | 1 | 1 | 1 | DK18473320 | Ceramic 0.047 μ F |
| C739 | 1 | 1 | 1 | 1 | 1 | DD15390300 | Ceramic 39pF \pm 5% |
| C740 | 1 | 1 | 1 | 1 | 1 | DD15390300 | Ceramic 39pF \pm 5% |

| REF. DESIG. | QTY | | | | PART NO. | DESCRIPTION |
|---|-----|---|---|-----|------------|--------------------|
| | U | C | N | A P | | |
| △C801 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7μF 50V |
| △C802 | 1 | 1 | 1 | 1 | EA47705030 | Elect 470μF 50V |
| △C803 | 1 | 1 | 1 | 1 | EA47705030 | Elect 470μF 50V |
| △C804 | 1 | 1 | 1 | 1 | EA10703530 | Elect 100μF 35V |
| △C805 | 1 | 1 | 1 | 1 | EA10703530 | Elect 100μF 35V |
| △C806 | 1 | 1 | 1 | 1 | EA10702530 | Elect 100μF 25V |
| △C807 | 1 | 1 | 1 | 1 | EA10702530 | Elect 100μF 25V |
| C808 | 1 | 1 | 1 | 1 | EA10701630 | Elect 100μF 16V |
| C809 | 1 | 1 | 1 | 1 | EA10701630 | Elect 100μF 16V |
| △C810 | 1 | 1 | 1 | 1 | EA47601630 | Elect 47μF 16V |
| △C811 | 1 | 1 | 1 | 1 | EA47601630 | Elect 47μF 16V |
| △C812 | 1 | 1 | 1 | 1 | DK18103560 | Ceramic 0.01μF |
| △C813 | 1 | 1 | 1 | 1 | DK18103560 | Ceramic 0.01μF |
| △C814 | 1 | 1 | 1 | 1 | DK18103560 | Ceramic 0.01μF |
| C815 | 1 | 1 | 1 | 1 | EA47601030 | Elect 47μF 10V |
| △C816 | 1 | 1 | 1 | 1 | E868805520 | Elect 6800μF 55V |
| △C817 | 1 | 1 | 1 | 1 | E868805520 | Elect 6800μF 55V |
| C818 | 1 | 1 | 1 | 1 | DF17103300 | Film 0.01μF ±20% |
| C819 | 1 | 1 | 1 | 1 | DF17103300 | Film 0.01μF ±20% |
| CE01 | 1 | 1 | 1 | 1 | EA10505030 | Elect 1μF 50V |
| CE02 | 1 | 1 | 1 | 1 | EA10505030 | Elect 1μF 50V |
| CE03 | 1 | 1 | 1 | 1 | DK16181300 | Ceramic 180pF ±10% |
| CE04 | 1 | 1 | 1 | 1 | DK16181300 | Ceramic 180pF ±10% |
| CE05 | 1 | 1 | 1 | 1 | EA10602530 | Elect 10μF 25V |
| CE06 | 1 | 1 | 1 | 1 | EA10602530 | Elect 10μF 25V |
| CE07 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7μF 50V |
| CE08 | 1 | 1 | 1 | 1 | EA47505030 | Elect 4.7μF 50V |
| CE09 | 1 | 1 | 1 | 1 | EA10701030 | Elect 100μF 10V |
| CE10 | 1 | 1 | 1 | 1 | EA10701030 | Elect 100μF 10V |
| CE11 | 1 | 1 | 1 | 1 | EA10701030 | Elect 100μF 10V |
| CE12 | 1 | 1 | 1 | 1 | EA10701030 | Elect 100μF 10V |
| CE63 | 1 | 1 | 1 | 1 | EA10701630 | Elect 100μF 16V |
| CE64 | 1 | 1 | 1 | 1 | EA10701630 | Elect 100μF 16V |
| CN01 | 1 | 1 | 1 | 1 | EA47601030 | Elect 47μF 10V |
| CN02 | 1 | 1 | 1 | 1 | EA33701630 | Elect 330μF 16V |
| CT01 | 1 | 1 | 1 | 1 | DK16221300 | Ceramic 220pF ±10% |
| CT02 | 1 | 1 | 1 | 1 | DK16221300 | Ceramic 220pF ±10% |
| CT03 | 1 | 1 | 1 | 1 | DF16683300 | Film 0.068μF ±10% |
| CT04 | 1 | 1 | 1 | 1 | DF16683300 | Film 0.068μF ±10% |
| CT05 | 1 | 1 | 1 | 1 | DF15822300 | Film 8200pF ±5% |
| CT06 | 1 | 1 | 1 | 1 | DF15822300 | Film 8200pF ±5% |
| CT07 | 1 | 1 | 1 | 1 | EA10505030 | Elect 1μF 50V |
| CT08 | 1 | 1 | 1 | 1 | EA10505030 | Elect 1μF 50V |
| P700-RESISTORS (All Resistors are ±5% & ¼W) | | | | | | |
| R701 | 1 | 1 | 1 | 1 | GD05471140 | 470Ω |
| R702 | 1 | 1 | 1 | 1 | GD05471140 | 470Ω |
| R703 | 1 | 1 | 1 | 1 | GD05822140 | 8.2KΩ |
| R704 | 1 | 1 | 1 | 1 | GD05822140 | 8.2KΩ |
| R705 | 1 | 1 | 1 | 1 | GG05391140 | 390Ω |
| R706 | 1 | 1 | 1 | 1 | GG05391140 | 390Ω |
| R707 | 1 | 1 | 1 | 1 | GG05331140 | 330Ω |
| R708 | 1 | 1 | 1 | 1 | GG05331140 | 330Ω |
| R709 | 1 | 1 | 1 | 1 | GD05821140 | 820Ω |
| R710 | 1 | 1 | 1 | 1 | GD05821140 | 820Ω |

| REF. DESIG. | QTY | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|-----|------------|----------------------|
| | U | C | N | A P | | |
| R711 | 1 | 1 | 1 | 1 | GD05272140 | 2.7KΩ |
| R712 | 1 | 1 | 1 | 1 | GD05272140 | 2.7KΩ |
| R713 | 1 | 1 | 1 | 1 | GD05271140 | 270Ω |
| R714 | 1 | 1 | 1 | 1 | GD05271140 | 270Ω |
| R715 | 1 | 1 | 1 | 1 | GD05123140 | 12KΩ |
| R716 | 1 | 1 | 1 | 1 | GD05123140 | 12KΩ |
| R717 | 1 | 1 | 1 | 1 | GG05682140 | 6.8KΩ |
| R718 | 1 | 1 | 1 | 1 | GG05682140 | 6.8KΩ |
| R719 | 1 | 1 | 1 | 1 | GG05331140 | 330Ω |
| R720 | 1 | 1 | 1 | 1 | GG05331140 | 330Ω |
| R723 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| R724 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| R725 | 1 | 1 | 1 | 1 | GG05100140 | 10Ω |
| R726 | 1 | 1 | 1 | 1 | GG05100140 | 10Ω |
| R727 | 1 | 1 | 1 | 1 | GD05333140 | 33KΩ |
| R728 | 1 | 1 | 1 | 1 | GD05333140 | 33KΩ |
| R729 | 1 | 1 | 1 | 1 | GD05122140 | 1.2KΩ |
| R730 | 1 | 1 | 1 | 1 | GD05122140 | 1.2KΩ |
| R731 | 1 | 1 | 1 | 1 | GG05333140 | 330Ω |
| R732 | 1 | 1 | 1 | 1 | GG05333140 | 330Ω |
| R733 | 1 | 1 | 1 | 1 | GD05102140 | 1KΩ |
| △R734 | 1 | 1 | 1 | 1 | GD05102140 | 1KΩ |
| R735 | 1 | 1 | 1 | 1 | GD05471140 | 470Ω |
| R736 | 1 | 1 | 1 | 1 | GD05471140 | 470Ω |
| R737 | 1 | 1 | 1 | 1 | RA01020110 | 1KΩ, Trimming |
| R738 | 1 | 1 | 1 | 1 | RA01020110 | 1KΩ, Trimming |
| △R739 | 1 | 1 | 1 | 1 | RF05121140 | 120Ω, Fusible |
| △R740 | 1 | 1 | 1 | 1 | RF05121140 | 120Ω, Fusible |
| △R741 | 1 | 1 | 1 | 1 | RF05121140 | 120Ω, Fusible |
| △R742 | 1 | 1 | 1 | 1 | RF05121140 | 120Ω, Fusible |
| △R743 | 1 | 1 | 1 | 1 | RF05100120 | 10Ω, ½W Fusible |
| △R744 | 1 | 1 | 1 | 1 | RF05100120 | 10Ω, ½W Fusible |
| △R745 | 1 | 1 | 1 | 1 | RF05100120 | 10Ω, ½W Fusible |
| △R746 | 1 | 1 | 1 | 1 | RF05100120 | 10Ω, ½W Fusible |
| R747 | 1 | 1 | 1 | 1 | GG05271120 | 270Ω, ½W |
| R748 | 1 | 1 | 1 | 1 | GG05271120 | 270Ω, ½W |
| △R749 | 1 | 1 | 1 | 1 | BW10000010 | 0.33Ω, 3W x 2 Compo. |
| △R750 | 1 | 1 | 1 | 1 | BW10000010 | 0.33Ω, 3W x 2 Compo. |
| R753 | 1 | 1 | 1 | 1 | GD05151140 | 150Ω |
| R754 | 1 | 1 | 1 | 1 | GD05151140 | 150Ω |
| R755 | 1 | 1 | 1 | 1 | GD05151140 | 150Ω |
| R756 | 1 | 1 | 1 | 1 | GD05151140 | 150Ω |
| R757 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| R758 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| R759 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| R760 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| R761 | 1 | 1 | 1 | 1 | GD05153140 | 15KΩ |
| R762 | 1 | 1 | 1 | 1 | GD05153140 | 15KΩ |
| R763 | 1 | 1 | 1 | 1 | RC10022120 | 2.2Ω ±10% ½W |
| R764 | 1 | 1 | 1 | 1 | RC10022120 | 2.2Ω ±10% ½W |
| R765 | 1 | 1 | 1 | 1 | GA05100020 | 10Ω 2W |
| R766 | 1 | 1 | 1 | 1 | GA05100020 | 10Ω 2W |
| R767 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| R768 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| R769 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| R770 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| R771 | 1 | 1 | 1 | 1 | GG05101140 | 100Ω |
| R772 | 1 | 1 | 1 | 1 | GG05101140 | 100Ω |
| R773 | 1 | 1 | 1 | 1 | GG05101140 | 100Ω |
| R774 | 1 | 1 | 1 | 1 | GG05101140 | 100Ω |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|---|------------|----------------|
| | U | C | N | A | P | | |
| R775 | 1 | 1 | 1 | 1 | 1 | GD05224140 | 220KΩ |
| R776 | 1 | 1 | 1 | 1 | 1 | GD05224140 | 220KΩ |
| R777 | 1 | 1 | 1 | 1 | 1 | GD05224140 | 220KΩ |
| R778 | 1 | 1 | 1 | 1 | 1 | GD05224140 | 220KΩ |
| R779 | 1 | 1 | 1 | 1 | 1 | GD05683140 | 68KΩ |
| R780 | 1 | 1 | 1 | 1 | 1 | GD05683140 | 68KΩ |
| R781 | 1 | 1 | 1 | 1 | 1 | GD05563140 | 56KΩ |
| R782 | 1 | 1 | 1 | 1 | 1 | GD05563140 | 56KΩ |
| R789 | 1 | 1 | 1 | 1 | 1 | GD05103140 | 10KΩ |
| R790 | 1 | 1 | 1 | 1 | 1 | GD05103140 | 10KΩ |
| R791 | 1 | 1 | 1 | 1 | 1 | GD05681140 | 680Ω |
| R792 | 1 | 1 | 1 | 1 | 1 | GD05681140 | 680Ω |
| R801 | 1 | 1 | 1 | 1 | 1 | GD05123140 | 12KΩ |
| R802 | 1 | 1 | 1 | 1 | 1 | GD05123140 | 12KΩ |
| R803 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| R804 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| R805 | 1 | 1 | 1 | 1 | 1 | GA05750010 | 75Ω 1W |
| R806 | 1 | 1 | 1 | 1 | 1 | GA05101010 | 100Ω 1W |
| R807 | 1 | 1 | 1 | 1 | 1 | GD05562140 | 5.6KΩ |
| R808 | 1 | 1 | 1 | 1 | 1 | GG05102140 | 1KΩ |
| R809 | 1 | 1 | 1 | 1 | 1 | GD05223140 | 22KΩ |
| R810 | 1 | 1 | 1 | 1 | 1 | GD05332140 | 3.3KΩ |
| R811 | 1 | 1 | 1 | 1 | 1 | GD05682140 | 6.8KΩ |
| R812 | 1 | 1 | 1 | 1 | 1 | GD05182140 | 1.8KΩ |
| R813 | 1 | 1 | 1 | 1 | 1 | GD05183140 | 18KΩ |
| R814 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| Δ R815 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1KΩ |
| Δ R816 | 1 | 1 | 1 | 1 | 1 | GG05183120 | 18KΩ %W |
| Δ R817 | 1 | 1 | 1 | 1 | 1 | GG05183120 | 18KΩ %W |
| Δ R818 | 1 | 1 | 1 | 1 | 1 | RF05120120 | 12Ω %W Fusible |
| Δ R819 | 1 | 1 | 1 | 1 | 1 | RF05120120 | 12Ω %W Fusible |
| RE01 | 1 | 1 | 1 | 1 | 1 | GD05221140 | 220Ω |
| RE02 | 1 | 1 | 1 | 1 | 1 | GD05221140 | 220Ω |
| RE03 | 1 | 1 | 1 | 1 | 1 | GD05823140 | 82KΩ |
| RE04 | 1 | 1 | 1 | 1 | 1 | GD05823140 | 82KΩ |
| RE05 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1KΩ |
| RE06 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1KΩ |
| RE07 | 1 | 1 | 1 | 1 | 1 | GD05392140 | 3.9KΩ |
| RE08 | 1 | 1 | 1 | 1 | 1 | GD05392140 | 3.9KΩ |
| RE09 | 1 | 1 | 1 | 1 | 1 | GD05104140 | 100KΩ |
| RE10 | 1 | 1 | 1 | 1 | 1 | GD05104140 | 100KΩ |
| RE11 | 1 | 1 | 1 | 1 | 1 | GD05391140 | 390Ω |
| RE12 | 1 | 1 | 1 | 1 | 1 | GD05391140 | 390Ω |
| RE13 | 1 | 1 | 1 | 1 | 1 | GD05223140 | 22KΩ |
| RE14 | 1 | 1 | 1 | 1 | 1 | GD05223140 | 22KΩ |
| RE15 | 1 | 1 | 1 | 1 | 1 | GD05221140 | 220Ω |
| RE16 | 1 | 1 | 1 | 1 | 1 | GD05221140 | 220Ω |
| RE17 | 1 | 1 | 1 | 1 | 1 | GD05392140 | 3.9KΩ |
| RE18 | 1 | 1 | 1 | 1 | 1 | GD05392140 | 3.9KΩ |
| RE19 | 1 | 1 | 1 | 1 | 1 | GD05392140 | 3.9KΩ |
| RE20 | 1 | 1 | 1 | 1 | 1 | GD05392140 | 3.9KΩ |
| RN01 | 1 | 1 | 1 | 1 | 1 | GG05562120 | 5.6KΩ %W |
| RN02 | 1 | 1 | 1 | 1 | 1 | GG05562120 | 5.6KΩ %W |
| RN03 | 1 | 1 | 1 | 1 | 1 | GD05223140 | 22KΩ |
| RN04 | 1 | 1 | 1 | 1 | 1 | GD05153140 | 15KΩ |
| RN05 | 1 | 1 | 1 | 1 | 1 | GD05562140 | 5.6KΩ |
| RN06 | 1 | 1 | 1 | 1 | 1 | GD05154140 | 150KΩ |
| RN07 | 1 | 1 | 1 | 1 | 1 | GD05393140 | 39KΩ |
| RN08 | 1 | 1 | 1 | 1 | 1 | GG05100140 | 10Ω |
| RN09 | 1 | 1 | 1 | 1 | 1 | GD05333140 | 33KΩ |
| RS01 | 1 | 1 | 1 | 1 | 1 | GA05331010 | 330Ω 1W |
| RS02 | 1 | 1 | 1 | 1 | 1 | GA05331010 | 330Ω 1W |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|-------------|-----|---|---|---|---|------------|----------------------------|
| | U | C | N | A | P | | |
| RT01 | 1 | 1 | 1 | 1 | 1 | GD05272140 | 2.7KΩ |
| RT02 | 1 | 1 | 1 | 1 | 1 | GD05272140 | 2.7KΩ |
| RT03 | 1 | 1 | 1 | 1 | 1 | GD05273140 | 27KΩ |
| RT04 | 1 | 1 | 1 | 1 | 1 | GD05273140 | 27KΩ |
| RT05 | 1 | 1 | 1 | 1 | 1 | GD05822140 | 8.2KΩ |
| RT06 | 1 | 1 | 1 | 1 | 1 | GD05822140 | 8.2KΩ |
| RT07 | 1 | 1 | 1 | 1 | 1 | GD05182140 | 1.8KΩ |
| RT08 | 1 | 1 | 1 | 1 | 1 | GD05182140 | 1.8KΩ |
| RT09 | 1 | 1 | 1 | 1 | 1 | GD05224140 | 22KΩ |
| RT10 | 1 | 1 | 1 | 1 | 1 | GD05224140 | 22KΩ |
| RT11 | 1 | 1 | 1 | 1 | 1 | GD05274140 | 27KΩ |
| RT12 | 1 | 1 | 1 | 1 | 1 | GD05274140 | 27KΩ |
| Q701 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Q702 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Q703 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Q704 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Q705 | 1 | 1 | 1 | 1 | 1 | HT107501B0 | Transistor 2SA750(E) |
| Q706 | 1 | 1 | 1 | 1 | 1 | HT107501B0 | Transistor 2SA750(E) |
| Q707 | 1 | 1 | 1 | 1 | 1 | HT107501B0 | Transistor 2SA750(E) |
| Q708 | 1 | 1 | 1 | 1 | 1 | HT107501B0 | Transistor 2SA750(E) |
| Q709 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Q710 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Q711 | 1 | 1 | 1 | 1 | 1 | HT109701B0 | Transistor 2SA970(BL) |
| Q712 | 1 | 1 | 1 | 1 | 1 | HT109701B0 | Transistor 2SA970(BL) |
| Q713 | 1 | 1 | 1 | 1 | 1 | HT109701B0 | Transistor 2SA970(BL) |
| Q714 | 1 | 1 | 1 | 1 | 1 | HT109701B0 | Transistor 2SA970(BL) |
| Q715 | 1 | 1 | 1 | 1 | 1 | HT32292A0 | Transistor 2SC2229(O or Y) |
| Q716 | 1 | 1 | 1 | 1 | 1 | HT32292A0 | Transistor 2SC2229(O or Y) |
| Q717 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Q718 | 1 | 1 | 1 | 1 | 1 | HT314001E0 | Transistor 2SC1400(E) |
| Δ Q719 | 1 | 1 | 1 | 1 | 1 | HT32824A0 | Transistor 2SC2824(O or Y) |
| Δ Q720 | 1 | 1 | 1 | 1 | 1 | HT32824A0 | Transistor 2SC2824(O or Y) |
| Δ Q721 | 1 | 1 | 1 | 1 | 1 | HT111842A0 | Transistor 2SA1184(O or Y) |
| Δ Q722 | 1 | 1 | 1 | 1 | 1 | HT111842A0 | Transistor 2SA1184(O or Y) |
| Δ Q723 | 1 | 1 | 1 | 1 | 1 | HT326812A0 | Transistor 2SC2681(Q or R) |
| Δ Q724 | 1 | 1 | 1 | 1 | 1 | HT326812A0 | Transistor 2SC2681(Q or R) |
| Δ Q725 | 1 | 1 | 1 | 1 | 1 | HT111412A0 | Transistor 2SA1141(Q or R) |
| Δ Q726 | 1 | 1 | 1 | 1 | 1 | HT111412A0 | Transistor 2SA1141(Q or R) |
| Q727 | 1 | 1 | 1 | 1 | 1 | HT309451P0 | Transistor 2SC945(P) |
| Q728 | 1 | 1 | 1 | 1 | 1 | HT309451P0 | Transistor 2SC945(P) |
| Q729 | 1 | 1 | 1 | 1 | 1 | HT107331P0 | Transistor 2SA733(P) |
| Q730 | 1 | 1 | 1 | 1 | 1 | HT107331P0 | Transistor 2SA733(P) |
| Q731 | 1 | 1 | 1 | 1 | 1 | HD20001210 | Diode 1S2473C |
| Q732 | 1 | 1 | 1 | 1 | 1 | HD20001210 | Diode 1S2473C |
| Q733 | 1 | 1 | 1 | 1 | 1 | HD20008210 | Diode 1S2471F |
| Q734 | 1 | 1 | 1 | 1 | 1 | HD20008210 | Diode 1S2471F |
| Q735 | 1 | 1 | 1 | 1 | 1 | HD20008210 | Diode 1S2471F |
| Q736 | 1 | 1 | 1 | 1 | 1 | HD20008210 | Diode 1S2471F |
| Q737 | 1 | 1 | 1 | 1 | 1 | HD20002210 | Diode 1S2472 |
| Q738 | 1 | 1 | 1 | 1 | 1 | HD20002210 | Diode 1S2472 |
| Q739 | 1 | 1 | 1 | 1 | 1 | HD20002210 | Diode 1S2472 |
| Q740 | 1 | 1 | 1 | 1 | 1 | HD20002210 | Diode 1S2472 |
| Q741 | 1 | 1 | 1 | 1 | 1 | HD20005010 | Diode W06B |
| Q742 | 1 | 1 | 1 | 1 | 1 | HD20005010 | Diode W06B |
| Q743 | 1 | 1 | 1 | 1 | 1 | HD20005010 | Diode W06B |
| Q744 | 1 | 1 | 1 | 1 | 1 | HD20005010 | Diode W06B |
| Q745 | 1 | 1 | 1 | 1 | 1 | HD20008210 | Diode 1S2471 |
| Q746 | 1 | 1 | 1 | 1 | 1 | HD20008210 | Diode 1S2471 |
| Q747 | 1 | 1 | 1 | 1 | 1 | HC10003090 | IC 4558D |
| Q752 | 1 | 1 | 1 | 1 | 1 | HV00010120 | Varistor MV-11Y |
| Q753 | 1 | 1 | 1 | 1 | 1 | HV00010120 | Varistor MV-11Y |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|--|-----|---|---|---|---|------------|----------------------------|
| | U | C | N | A | P | | |
| △QB01 | 1 | 1 | 1 | 1 | 1 | HD20011290 | Diode S3V-20 |
| △QB02 | 1 | 1 | 1 | 1 | 1 | HD20011290 | Diode S3V-20 |
| △QB03 | 1 | 1 | 1 | 1 | 1 | HD20011290 | Diode S3V-20 |
| △QB04 | 1 | 1 | 1 | 1 | 1 | HD20011290 | Diode S3V-20 |
| △QB05 | 1 | 1 | 1 | 1 | 1 | HD20015030 | Diode DS-135 |
| △QB06 | 1 | 1 | 1 | 1 | 1 | HD20015030 | Diode DS-135 |
| △QB07 | 1 | 1 | 1 | 1 | 1 | HD20015030 | Diode DS-135 |
| △QB08 | 1 | 1 | 1 | 1 | 1 | HD20015030 | Diode DS-135 |
| △QB09 | 1 | 1 | 1 | 1 | 1 | HD20015030 | Diode DS-135 |
| △QB10 | 1 | 1 | 1 | 1 | 1 | HD20015030 | Diode DS-135 |
| △QB11 | 1 | 1 | 1 | 1 | 1 | HT405712B0 | Transistor 2SD571(L or K) |
| △QB12 | 1 | 1 | 1 | 1 | 1 | HT206052B0 | Transistor 2SB605(L or K) |
| QB13 | 1 | 1 | 1 | 1 | 1 | HT309451P0 | Transistor 2SC945(P) |
| QB14 | 1 | 1 | 1 | 1 | 1 | HT107331P0 | Transistor 2SA733(P) |
| QB15 | 1 | 1 | 1 | 1 | 1 | HT403132A0 | Transistor 2SD313(E or D) |
| QB16 | 1 | 1 | 1 | 1 | 1 | HT205072A0 | Transistor 2SB507(E or D) |
| QB17 | 1 | 1 | 1 | 1 | 1 | HD20008210 | Diode 1S2471 |
| QB18 | 1 | 1 | 1 | 1 | 1 | HD30014010 | Diode HZ16-A2L |
| QE01 | 1 | 1 | 1 | 1 | 1 | HC10003090 | IC 4558D |
| QE02 | 1 | 1 | 1 | 1 | 1 | HC10003090 | IC 4558D |
| QN01 | 1 | 1 | 1 | 1 | 1 | HT309451P0 | Transistor 2SC945(P) |
| QN02 | 1 | 1 | 1 | 1 | 1 | HT411111A0 | Transistor 2SD1111 |
| QN03 | 1 | 1 | 1 | 1 | 1 | HD20002210 | Diode 1S2472 |
| QN04 | 1 | 1 | 1 | 1 | 1 | HD20002210 | Diode 1S2472 |
| P700-MISCELLANEOUS | | | | | | | |
| L701 | 1 | 1 | 1 | 1 | 1 | LL23905120 | Choke Coil |
| L702 | 1 | 1 | 1 | 1 | 1 | LL23905120 | Choke Coil |
| △L801 | 1 | 1 | 1 | 1 | 1 | LV22040190 | Relay ,DC24V |
| SS01 | 1 | 1 | 1 | 1 | 1 | SP02020520 | Push Switch, Speaker |
| ST01 | 1 | 1 | 1 | 1 | 1 | SP02070010 | Push Switch, Speaker |
| △F801 | 1 | | | | | FS10100500 | Fuse 1A 250V |
| △F801 | 1 | 1 | | | | FS10063800 | Fuse 0.68A 250V |
| △F801 | 1 | 1 | | | | FS10100900 | Fuse 1A 250V |
| △F801 | 1 | 1 | | | | FS10100600 | Fuse 1A 250V |
| △F802 | 1 | 1 | | | | FS10100500 | Fuse 1A 250V |
| △F802 | 1 | 1 | | | | FS10063800 | Fuse 0.68A 250V |
| △F802 | 1 | 1 | | | | FS10100900 | Fuse 1A 250V |
| △F802 | 1 | 1 | | | | FS10100600 | Fuse 1A 250V |
| △F803 | 1 | 1 | | | | FS10050500 | Fuse 0.5A 250V |
| △F803 | 1 | 1 | | | | FS10050800 | Fuse 0.5A 250V |
| △F803 | 1 | 1 | | | | FS10050900 | Fuse 0.5A 250V |
| J801 | | | | | | | |
| J806 | | 6 | 6 | | | YJ08000270 | Jack, Fuse Clip |
| J801 | | | | | | | |
| J806 | | 6 | 6 | | | YJ08000170 | Jack, Fuse Clip |
| WF01 | 1 | 1 | 1 | 1 | 1 | YU07080260 | Jumper Lead |
| PE00-GRAPHIC VOLUME CIRCUIT BOARD | | | | | | | |
| PE00 | 1 | 1 | 1 | 1 | 1 | YK211H2310 | P.W. Board, Graphic Volume |
| | 1 | 1 | 1 | 1 | 1 | ZZ211H2310 | P.W. Board Assembly |
| PE00-RESISTORS | | | | | | | |
| RF01 | 1 | 1 | 1 | 1 | 1 | RS05030360 | 50KΩ(W) x 2 Variable |
| RF02 | 1 | 1 | 1 | 1 | 1 | RS05030360 | 50KΩ(W) x 2 Variable |
| RF03 | 1 | 1 | 1 | 1 | 1 | RS05030360 | 50KΩ(W) x 2 Variable |
| RF04 | 1 | 1 | 1 | 1 | 1 | RS05030360 | 50KΩ(W) x 2 Variable |
| RF05 | 1 | 1 | 1 | 1 | 1 | RS05030360 | 50KΩ(W) x 2 Variable |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|---|-----|---|---|---|---|------------|---|
| | U | C | N | A | P | | |
| PE01 | 1 | 1 | 1 | 1 | 1 | YK211H2320 | PE01-GRAPHIC CONNECTION CIRCUIT BOARD P.W. Board, Graphic Connection |
| PE02 | 1 | 1 | 1 | 1 | 1 | YK211H2330 | PE02-GRAPHIC TRANSISTOR CIRCUIT BOARD P.W. Board, Graphic Transistor |
| | 1 | 1 | 1 | 1 | 1 | ZZ211H2330 | P.W. Board Assembly |
| PE02-CAPACITORS | | | | | | | |
| CE31 | 1 | 1 | 1 | 1 | 1 | EA22505030 | Elect 2.2μF 50V |
| CE32 | 1 | 1 | 1 | 1 | 1 | EA22505030 | Elect 2.2μF 50V |
| CE33 | 1 | 1 | 1 | 1 | 1 | EA47405030 | Elect 0.47μF 50V |
| CE34 | 1 | 1 | 1 | 1 | 1 | EA47405030 | Elect 0.47μF 50V |
| CE35 | 1 | 1 | 1 | 1 | 1 | DF17154300 | Film 0.15μF ±20% |
| CE36 | 1 | 1 | 1 | 1 | 1 | DF17154300 | Film 0.15μF ±20% |
| CE37 | 1 | 1 | 1 | 1 | 1 | DF17333300 | Film 0.033μF ±20% |
| CE38 | 1 | 1 | 1 | 1 | 1 | DF17333300 | Film 0.033μF ±20% |
| CE39 | 1 | 1 | 1 | 1 | 1 | DF17822300 | Film 8200pF ±20% |
| CE40 | 1 | 1 | 1 | 1 | 1 | DF17822300 | Film 8200pF ±20% |
| CE41 | 1 | 1 | 1 | 1 | 1 | EA10405030 | Elect 0.1μF 50V |
| CE42 | 1 | 1 | 1 | 1 | 1 | EA10405030 | Elect 0.1μF 50V |
| CE43 | 1 | 1 | 1 | 1 | 1 | DF17223300 | Film 0.022μF ±20% |
| CE44 | 1 | 1 | 1 | 1 | 1 | DF17223300 | Film 0.022μF ±20% |
| CE45 | 1 | 1 | 1 | 1 | 1 | DF17562300 | Film 5600pF ±20% |
| CE46 | 1 | 1 | 1 | 1 | 1 | DF17562300 | Film 5600pF ±20% |
| CE47 | 1 | 1 | 1 | 1 | 1 | DF17152300 | Film 1500pF ±20% |
| CE48 | 1 | 1 | 1 | 1 | 1 | DF17152300 | Film 1500pF ±20% |
| CE49 | 1 | 1 | 1 | 1 | 1 | DK16391300 | Ceramic 390pF ±10% |
| CE50 | 1 | 1 | 1 | 1 | 1 | DK16391300 | Ceramic 390pF ±10% |
| PE02-RESISTORS | | | | | | | |
| (All Resistors are ±5% & ¼W) | | | | | | | |
| RE31 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE32 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE33 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE34 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE35 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE36 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE37 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE38 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE39 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE40 | 1 | 1 | 1 | 1 | 1 | GD05101140 | 100Ω |
| RE41 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE42 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE43 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE44 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE45 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE46 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE47 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE48 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE49 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE50 | 1 | 1 | 1 | 1 | 1 | GD05473140 | 47KΩ |
| RE51 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE52 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE53 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE54 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE55 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE56 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE57 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE58 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE59 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |
| RE60 | 1 | 1 | 1 | 1 | 1 | GD05472140 | 4.7KΩ |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|--|-----|---|---|---|---|------------|-------------------------------|
| | U | C | N | A | P | | |
| RE61 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE62 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE63 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE64 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE65 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE66 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE67 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE68 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE69 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| RE70 | 1 | 1 | 1 | 1 | 1 | GD05102140 | 1K Ω |
| PE02-SEMICONDUCTORS | | | | | | | |
| QE03 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE04 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE05 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE06 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE07 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE08 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE09 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE10 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE11 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| QE12 | 1 | 1 | 1 | 1 | 1 | HT314002A0 | Transistor 2SC1400(E or V) |
| PG00-VOLUME CIRCUIT BOARD | | | | | | | |
| PG00 | 1 | 1 | 1 | 1 | 1 | YK211H3640 | P.W. Board, Volume |
| | 1 | 1 | 1 | 1 | 1 | Z2211H3640 | P.W. Board Assembly |
| PG00-RESISTORS | | | | | | | |
| RG01 | 1 | 1 | 1 | 1 | 1 | RM01040270 | Variable, Volume |
| RG02 | 1 | 1 | 1 | 1 | 1 | RK02040080 | Variable, Balance |
| WG01 | 1 | 1 | 1 | 1 | 1 | YU05260260 | Jumper Lead |
| PO00-POWER SWITCH CIRCUIT BOARD | | | | | | | |
| PO00 | 1 | 1 | 1 | 1 | 1 | YK211H3630 | P.W. Board, Power Switch |
| | 1 | 1 | | | | Z2211H3630 | P.W. Board Assembly |
| | | | | | 1 | Z2211H8630 | P.W. Board Assembly |
| | | | | | 1 | Z2211H7630 | P.W. Board Assembly |
| G001 | 1 | 1 | | | | DK18103530 | Ceramic Cap. 0.1 μ F 125V |
| G001 | | | 1 | | | DK18103840 | Ceramic Cap. 0.1 μ F 400V |
| G001 | | | | 1 | | DK18103850 | Ceramic Cap. 0.1 μ F 250V |
| S001 | 1 | | | | | SP01010420 | Push Switch, Power |
| S001 | | 1 | | | | SP01010240 | Push Switch, Power |
| S001 | | | 1 | | | SP01010390 | Push Switch, Power |
| S001 | | | | 1 | | SP01010430 | Push Switch, Power |
| PV01-TAPE IN/OUT CIRCUIT BOARD | | | | | | | |
| PV01 | 1 | 1 | 1 | 1 | 1 | YK211H1220 | P.W. Board, Tape In/Out |
| | 1 | 1 | 1 | 1 | 1 | Z2211H1220 | P.W. Board Assembly |
| JV01 | 1 | 1 | 1 | 1 | 1 | YT02040260 | Terminal, Tape 1 |
| JV02 | 1 | 1 | 1 | 1 | 1 | YT02040260 | Terminal, Tape 2 |

| REF. DESIG. | QTY | | | | | PART NO. | DESCRIPTION |
|--|-----|---|---|---|---|------------|-----------------------------------|
| | U | C | N | A | P | | |
| PW01-HEAD PHONE CIRCUIT BOARD | | | | | | | |
| PW01 | 1 | 1 | 1 | 1 | 1 | YK211H3620 | P.W. Board, Head Phone |
| | 1 | 1 | 1 | 1 | 1 | Z2211H3620 | P.W. Board Assembly |
| JW01 | 1 | 1 | 1 | 1 | 1 | YJ01001400 | Jack, Head Phone |
| WW01 | 1 | 1 | 1 | 1 | 1 | YU03240260 | Jumper Lead |
| PW02-EQ OUT CIRCUIT BOARD | | | | | | | |
| PW02 | 1 | 1 | 1 | 1 | 1 | YK211H3660 | P.W. Board, EQ Out |
| | 1 | 1 | 1 | 1 | 1 | Z2211H3660 | P.W. Board Assembly |
| JW02 | 1 | 1 | 1 | 1 | 1 | YJ01001400 | Jack, EQ Out |
| PX01-LED LEVEL METER DRIVE CIRCUIT BOARD | | | | | | | |
| PX01 | 1 | 1 | 1 | 1 | 1 | WN207H3210 | P.W. Board, LED Level Meter Drive |
| | 1 | 1 | 1 | 1 | 1 | Z2207H3210 | P.W. Board Assembly |
| PX01-CAPACITORS | | | | | | | |
| CX01 | 1 | 1 | 1 | 1 | 1 | EA33505030 | Elect 3.3 μ F 50V |
| CX02 | 1 | 1 | 1 | 1 | 1 | EA33505030 | Elect 3.3 μ F 50V |
| CX03 | 1 | 1 | 1 | 1 | 1 | EA10505030 | Elect 1 μ F 50V |
| CX04 | 1 | 1 | 1 | 1 | 1 | EA10505030 | Elect 1 μ F 50V |
| CX05 | 1 | 1 | 1 | 1 | 1 | DK18103320 | Ceramic 0.01 μ F |
| CX06 | 1 | 1 | 1 | 1 | 1 | DK18103320 | Ceramic 0.01 μ F |
| PX01-RESISTORS (All Resistors are \pm5% & $\frac{1}{4}$W) | | | | | | | |
| RX01 | 1 | 1 | 1 | 1 | 1 | GD05103140 | 10K Ω |
| RX02 | 1 | 1 | 1 | 1 | 1 | GD05103140 | 10K Ω |
| RX03 | 1 | 1 | 1 | 1 | 1 | GD05104140 | 100K Ω |
| RX04 | 1 | 1 | 1 | 1 | 1 | GD05104140 | 100K Ω |
| RX07 | 1 | 1 | 1 | 1 | 1 | RA02030060 | 20K Ω , Trimming |
| RX08 | 1 | 1 | 1 | 1 | 1 | RA02030060 | 20K Ω , Trimming |
| RX25 | 1 | 1 | 1 | 1 | 1 | GD05563140 | 56K Ω |
| RX26 | 1 | 1 | 1 | 1 | 1 | GD05563140 | 56K Ω |
| RX27 | 1 | 1 | 1 | 1 | 1 | GD05333140 | 33K Ω |
| RX28 | 1 | 1 | 1 | 1 | 1 | GD05333140 | 33K Ω |
| PX01-SEMICONDUCTORS | | | | | | | |
| QX01 | 1 | 1 | 1 | 1 | 1 | HD30076090 | Zener WZ038 |
| QX02 | 1 | 1 | 1 | 1 | 1 | HD30076090 | Zener WZ038 |
| QX03 | 1 | 1 | 1 | 1 | 1 | HD20001210 | Diode 1S2473 |
| QX04 | 1 | 1 | 1 | 1 | 1 | HD20001210 | Diode 1S2473 |
| QX05 | 1 | 1 | 1 | 1 | 1 | HC10008370 | IC TL489C |
| QX06 | 1 | 1 | 1 | 1 | 1 | HC10008370 | IC TL489C |
| QX07 | 1 | 1 | 1 | 1 | 1 | HC10019020 | IC AN6552 |
| QX21 | 1 | 1 | 1 | 1 | 1 | HD20001210 | Diode 1S2473 |
| QX22 | 1 | 1 | 1 | 1 | 1 | HD20001210 | Diode 1S2473 |
| PX01-MISCELLANEOUS | | | | | | | |
| JX01 | 1 | 1 | 1 | 1 | 1 | YJ07000750 | Jack (4P) |
| JX02 | 1 | 1 | 1 | 1 | 1 | YJ07000760 | Jack (2P) |
| WX01 | 1 | 1 | 1 | 1 | 1 | YU04140260 | Jumper Lead |
| WX02 | 1 | 1 | 1 | 1 | 1 | YU02180260 | Jumper Lead |

7. TECHNICAL SPECIFICATIONS

AUDIO SECTION

| | |
|--|-------|
| POWER OUTPUT, DIN, 4 OHM, PER CHANNEL | 91W |
| POWER OUTPUT, RMS 1 kHz, 4 OHM, PER CHANNEL | 90W |
| POWER OUTPUT, DIN, 8 OHM, PER CHANNEL | 70W |
| POWER OUTPUT, RMS 1 kHz, 8 OHM, PER CHANNEL | 65W |
| TOTAL HARMONIC DISTORTION AT RATED POWER OUTPUT | 0.03% |
| I.M. DISTORTION AT RATED POWER OUTPUT (250 Hz AND 8 kHz MIXED, AMPLITUDE RATIO 4:1) | 0.03% |
| DAMPING FACTOR 8 OHM | 80 |

Frequency Response

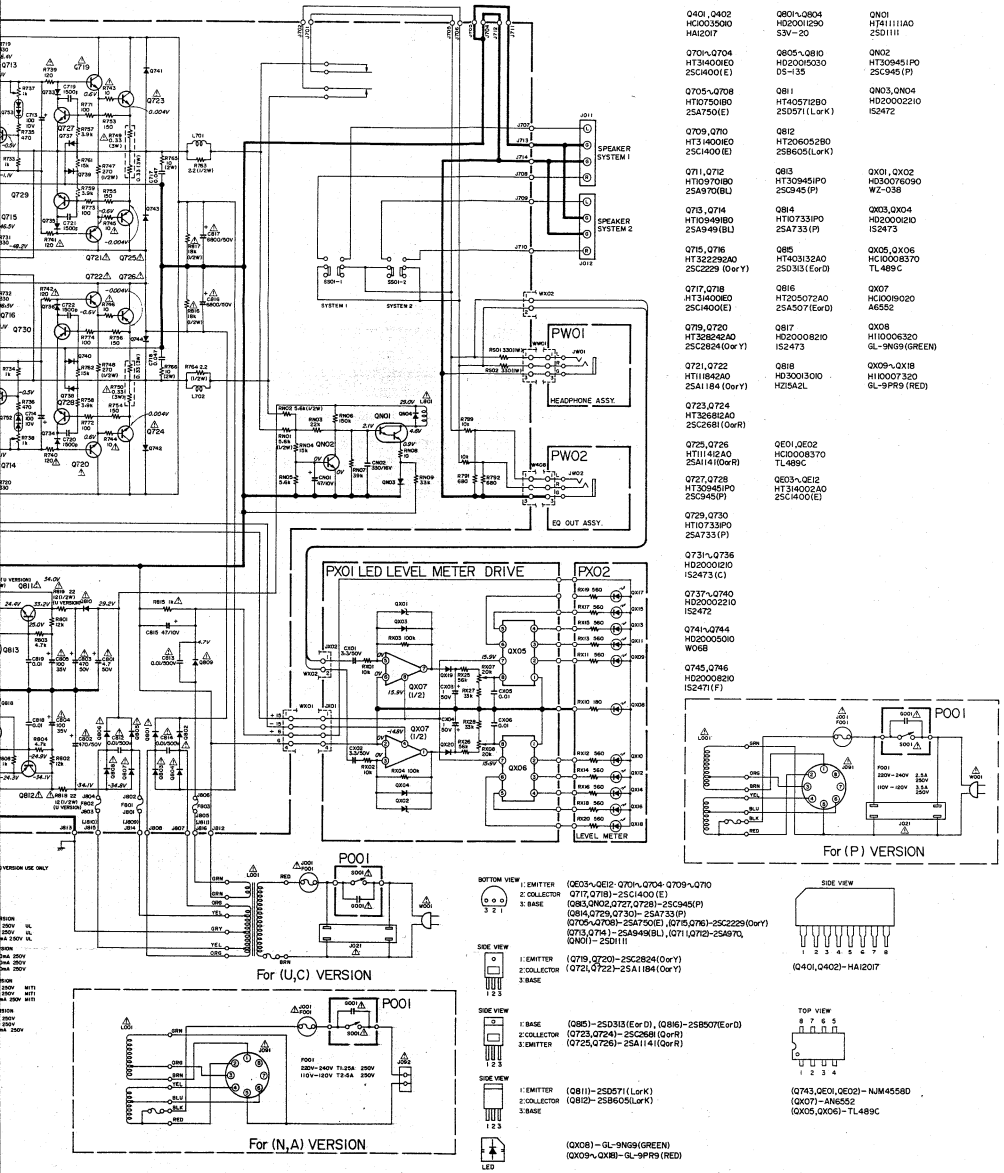
| | |
|---|----------------|
| Phono (RIAA) | ±0.3 dB |
| Aux (±1 dB) | 10 Hz ~ 50 kHz |
| Signal-to-Noise Ratio (IHF-A Network) | |
| Phono (MM) | 82 dB |
| Aux | 95 dB |
| Input Terminals | |
| Phono (MM): Input Impedance | 47 kohms |
| Input Capacitance | 220 pF |
| Input Sensitivity | 2.8 dB |
| (MC): Input Sensitivity | 280 µV |
| Input Impedance | 100 ohms |
| Aux: Input Impedance | 28 kohms |
| Input Sensitivity | 150 mV |
| Phono Equivalent Input Noise | 0.58 µV |
| Phono Dynamic Range (Ratio of input overload to equivalent input noise) | 110 dB |
| Output Voltage, 1 kHz | |
| Tape Out | 410 mV |
| Output Impedance, 1 kHz | |
| Tape Out | 470 ohms |

GENERAL

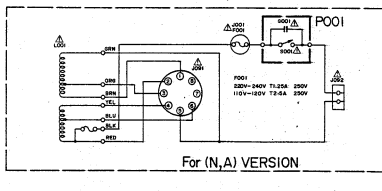
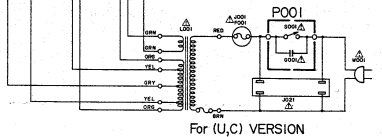
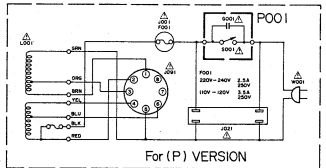
| | |
|---|--|
| Power Requirements | 220V AC, 50 Hz (E and N versions are featuring external voltage selector. Other versions can be converted by a qualified technician to operate on 240V.) |
| Power Consumption at Rated Output, both Channels Driven | 230W ± 20W |
| Idling Power | 20W ± 5W |
| Semiconductor Complement | |
| Transistors | 47 |
| Diodes | 45 |
| Integrated Circuits | 8 |
| Dimensions | |
| Panel Width | 416 mm (16-3/8 inches) |
| Panel Height | 117.5 mm (4-5/8 inches) |
| Depth | 329 mm (12-15/16 inches) |
| Weight | |
| Unit Alone | 8 kg |

MEMORANDUM

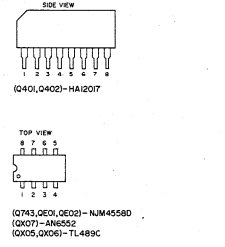
Model PM550DC



| | | |
|---|-------------------------------------|---|
| 0401, 0402 HD2001290 HA10207 | 0801~0804 HT30945IP0 33V~30 | ON01 HT41111A0 251111 |
| 0704~0704 HT3400E02 25C4001E | 0805~0810 HD2005020 05-135 | ON02 HT30945IP0 25C945(P) |
| 0705~0708 HT10750B0 25A750(E) | 0811 HT40570B0 25S971(LorK) | ON03, ON04 HD2000210 152472 |
| 0709, 0710 HT3400E02 25C4001E | 0812 HT206052B0 25B605(LorK) | ON05, ON06 HD30076090 WZ-036 |
| 0711, 0712 HT10870B0 25A970(BL) | 0813 HT30945IP0 25C945(P) | ON03, ON04 HD2000210 152473 |
| 0713, 0714 HT10849B0 25A949(BL) | 0814 HT07733IP0 25A733(P) | ON05, ON06 HD2000370 TL499C |
| 0715, 0716 HT322292A0 25C2229 (OrY) | 0815 HT403132A0 25C2229 (OrY) | ON07 HD2000920 25A5071E(OrD) |
| 0717, 0718 HT3400E02 25C4001E | 0816 HT30945IP0 25C945(P) | ON08 HT4006320 GL-9N69(GREEN) |
| 0719, 0720 HT322292A0 25C2229(OrY) | 0817 HT30945IP0 25C945(P) | ON09~ON18 HT4007320 GL-9PR9 (RED) |
| 0721, 0722 HT11842A0 25A1184(OrY) | 0818 HT30945IP0 25C945(P) | |
| 0723, 0724 HT326812A0 25C2681(OrR) | 0819 HT30945IP0 25C945(P) | |
| 0725, 0726 HT111412A0 25A1114(OrR) | 0820 HT30945IP0 25C945(P) | |
| 0727, 0728 HT30945IP0 25C945(P) | 0821 HT30945IP0 25C945(P) | |
| 0729, 0730 HT10735P0 25A733(P) | 0822 HT30945IP0 25C945(P) | |
| 0731~0736 HD2000210 152473(G) | 0823 HT30945IP0 25C945(P) | |
| 0737~0740 HD2000210 152472 | 0824 HT30945IP0 25C945(P) | |
| 0741~0744 HD2000500 W06B | 0825 HT30945IP0 25C945(P) | |
| 0745, 0746 HD2000820 152471(F) | 0826 HT30945IP0 25C945(P) | |



- BOTTOM VIEW**
- 1: EMITTER (0623~0612-0710, 0704-0709-0710)
 - 2: COLLECTOR (0717, 0718)~25C4001E)
 - 3: BASE (0813, ON02, 0727, 0728)~25C945(P) (0814, 0729, 0730)~25A733(P) (0720, 0708)~25A750(E) (0716, 076)~25C2229(OrY) (0713, 0714)~25A949(BL), (0711, 0712)~25A970, ON01)~25D111
- SIDE VIEW**
- 1: EMITTER (0719, 0720)~25C2681(OrR)
 - 2: COLLECTOR (0721, 0722)~25A1184(OrY)
 - 3: BASE
- SIDE VIEW**
- 1: BASE (0815)~25D133(EwD), (0816)~25B607(EwD)
 - 2: COLLECTOR (0723, 0724)~25C2681(OrR)
 - 3: EMITTER (0725, 0726)~25A1114(OrR)
- SIDE VIEW**
- 1: EMITTER (0811)~25D571(LorK)
 - 2: COLLECTOR (0812)~25B605(LorK)
 - 3: BASE
- LED**
- (OX0B)~GL-9N69(GREEN)
 - (OX09~OX18)~GL-9PR9(RED)



are subject to change for modification without notice.