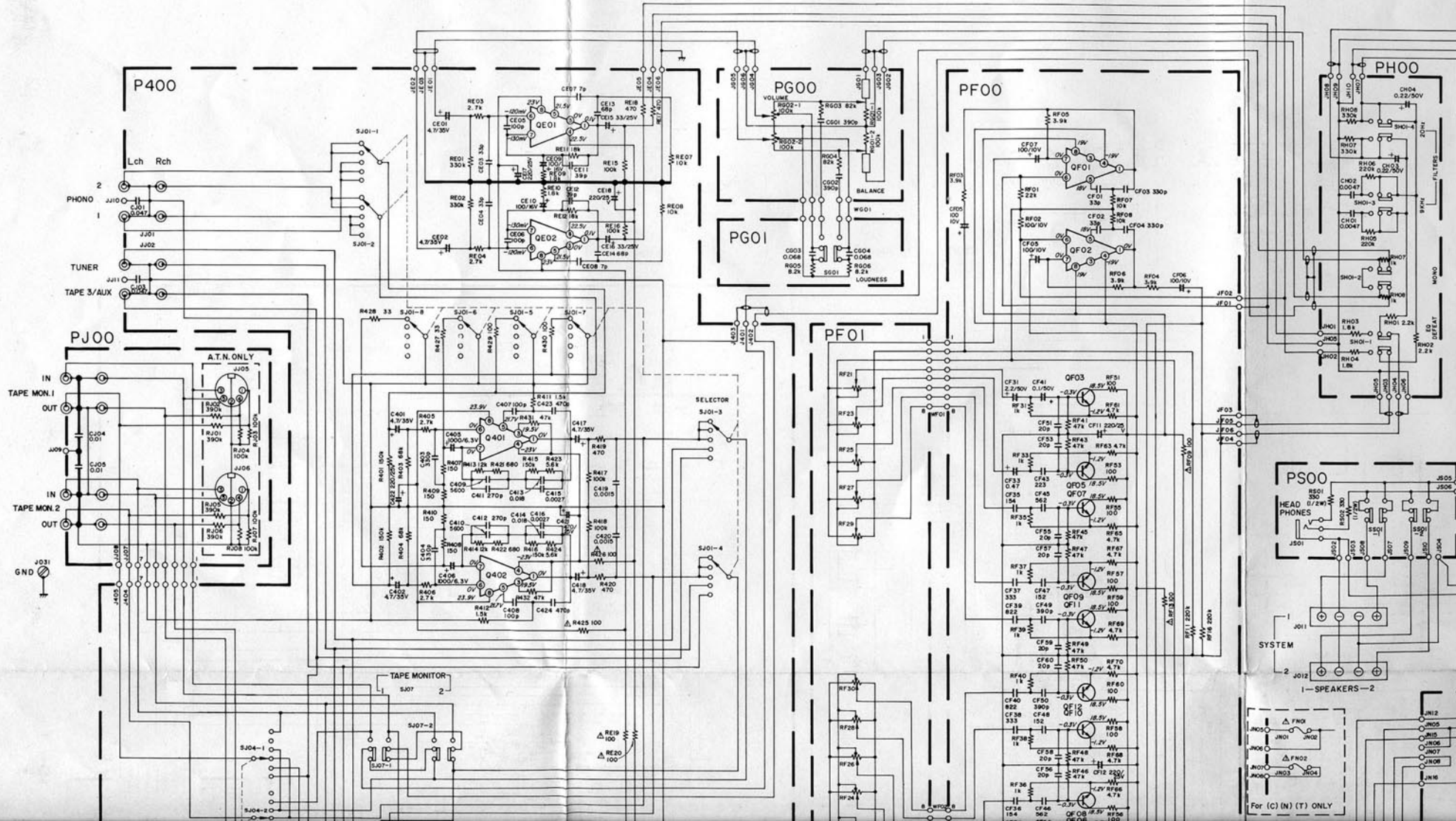


- | | | | | | | | | | | | | | | |
|--------------------------|---|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|---|------------------------------------|---------------------------------------|
| Q701, Q702 HT322592G0 | Q703 ~ Q708, Q731 HT107501E0 25A7501(E) | Q709, Q710, Q715 Q716, Q729, Q730 HT314001E0 25C1400(E) | Q711, Q712 HT109702A0 | Q713, Q714 HT322402A0 | Q717, Q718 HT322292A0 | Q719, Q720 HT109492A0 | Q721, Q722 HT325913A0 | Q723, Q724 HT111113A0 | Q725, Q726 HT325882A0 | Q727, Q728 HT110882A0 | Q733 ~ Q738 Q745 ~ Q748 Q755, Q756 HD20001210 IS2473 | Q739 ~ Q742 Q753, Q754 HD20008210 IS2471 | Q743, Q744 HV00010120 MV-11Y | Q749 ~ Q752 HD20015030 DS135(D) |
|--------------------------|---|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|---|------------------------------------|---------------------------------------|



SCHEMATIC DIAGRAM FOR Model PM700/PM710DC

Q733 ~ Q738
Q745 ~ Q748
Q755, Q756
HD20001210
IS2473

Q739 ~ Q742
Q753, Q754
HD20008210
IS2471

Q763, Q744
HW00010120
MV-11Y

Q749 ~ Q752
HD20015030
DS135 (D)

Q801
HT 323442A0
Z5C2344

Q802
HT110112A0
Z5A1011

Q803, Q805, Q808
HT 314001E
Z5C1400

Q804, Q806, Q807
HT107501E0
Z5A750

Q809, Q810
HD20015030
DS135 (D)

Q811, Q812
HD30008010
HZ6L (B)

Q401, Q402
HC10035010
HA12017

Q601, Q602
HC10034010
HA1457W

QF01, QF02
HC10034010
HA1457W

QF03 ~ QF12
HT314001E0
Z5C1400

QN01 ~ QN04
HD20011290
S3V20

QN05, QN06
HD20015030
DS135 (D)

QN07
HC10042050
TA2317P

QN18
HD20003210
IS2471

QX01, QX02
H111202320
GL-112R4

QX03, QX04
HC1002320
IR2418A

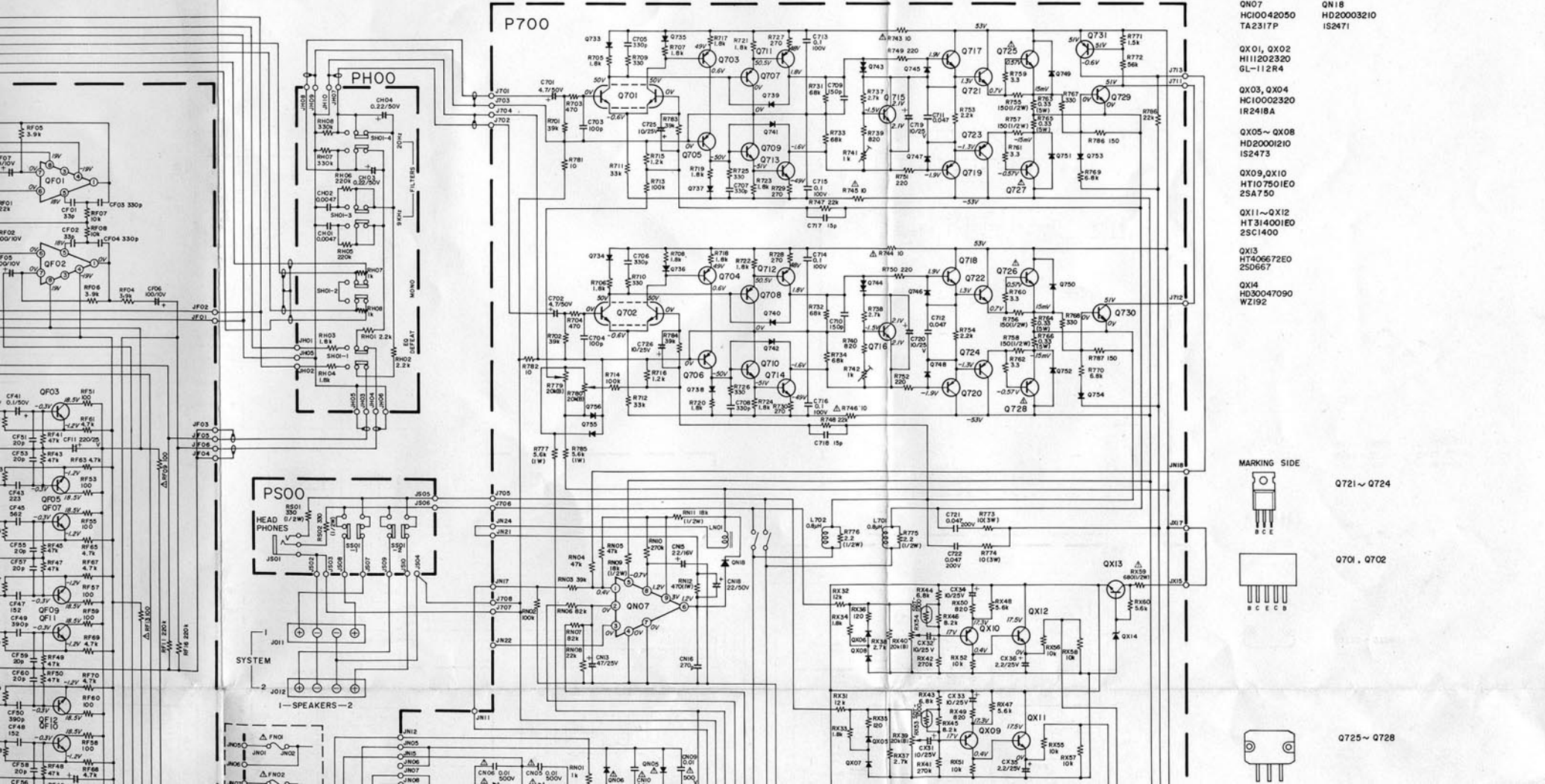
QX05 ~ QX08
HD20001210
IS2473

QX09, QX10
HT107501E0
Z5A750

QX11 ~ QX12
HT314001E0
Z5C1400

QX13
HT406672E0
Z5D667

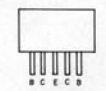
QX14
HD30047090
WZ192



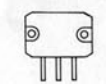
MARKING SIDE



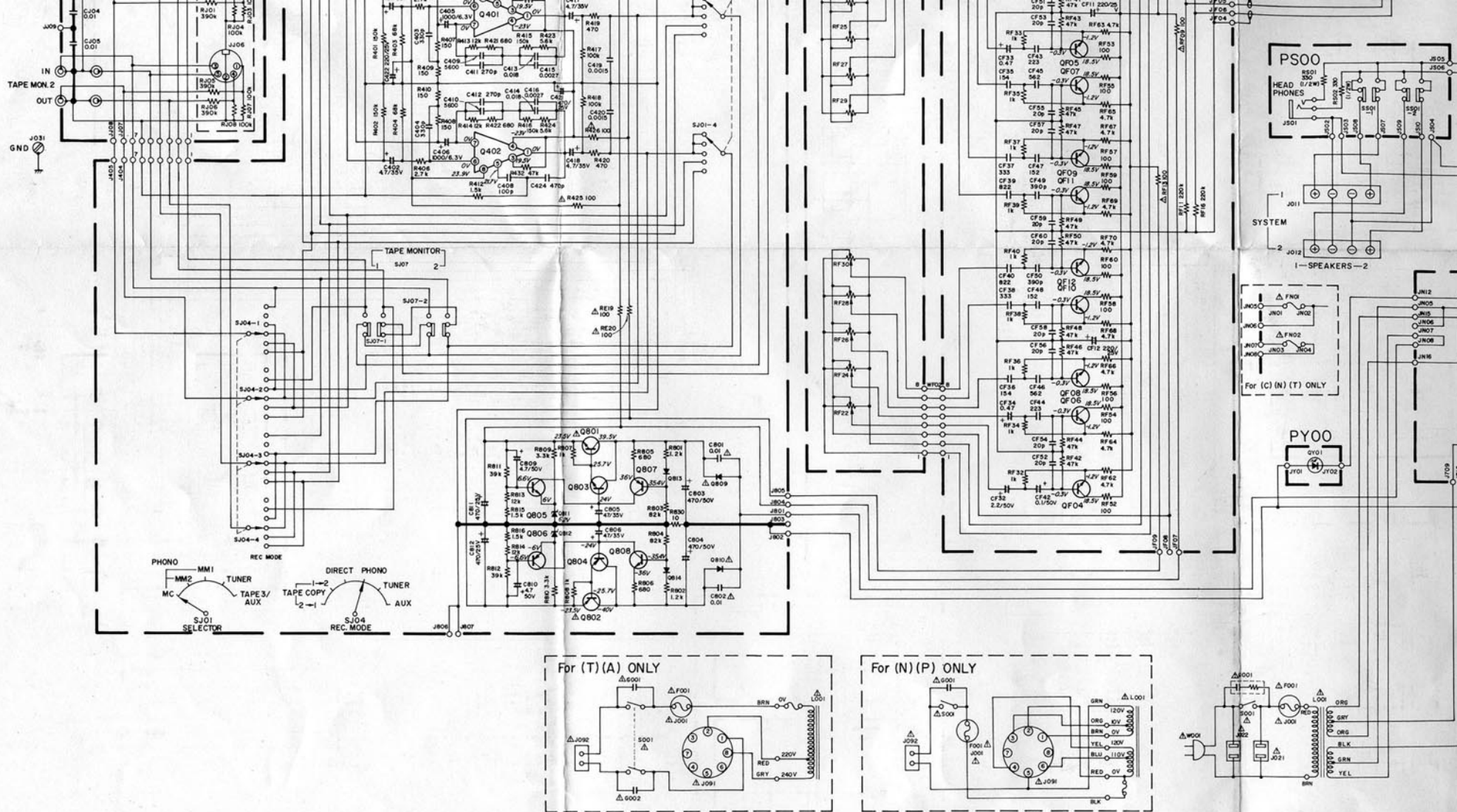
Q721 ~ Q724



Q701, Q702

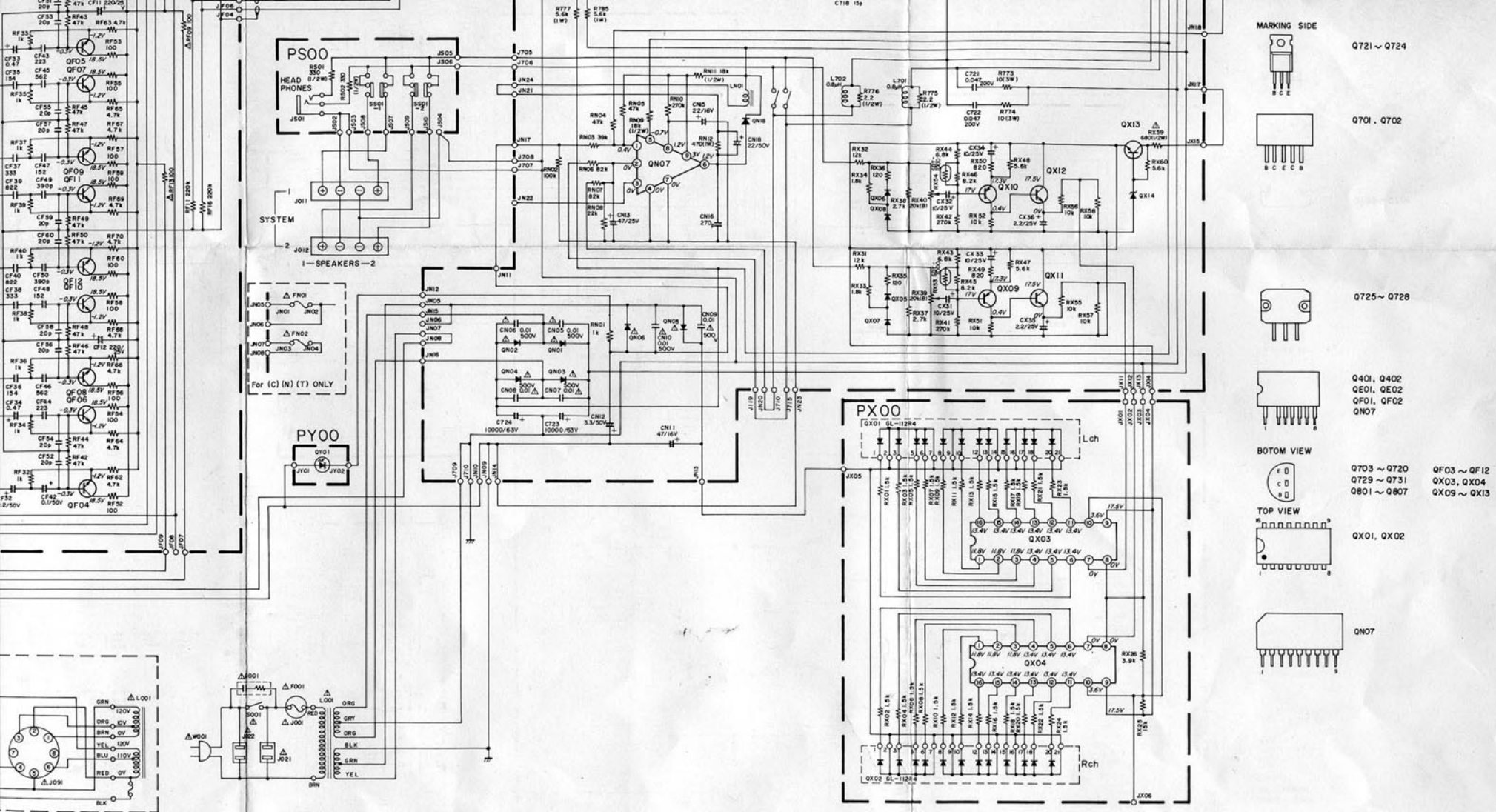


Q725 ~ Q728



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.

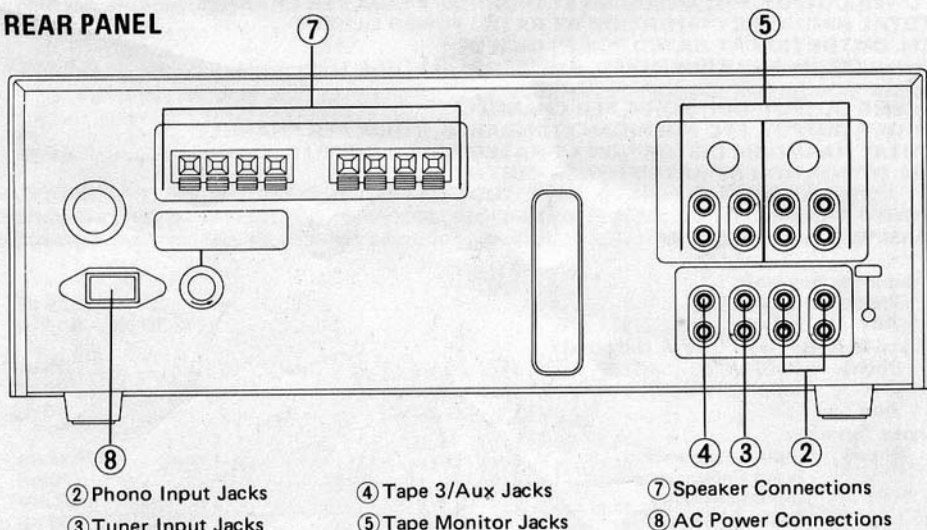
Components and wiring are subject to change for modification



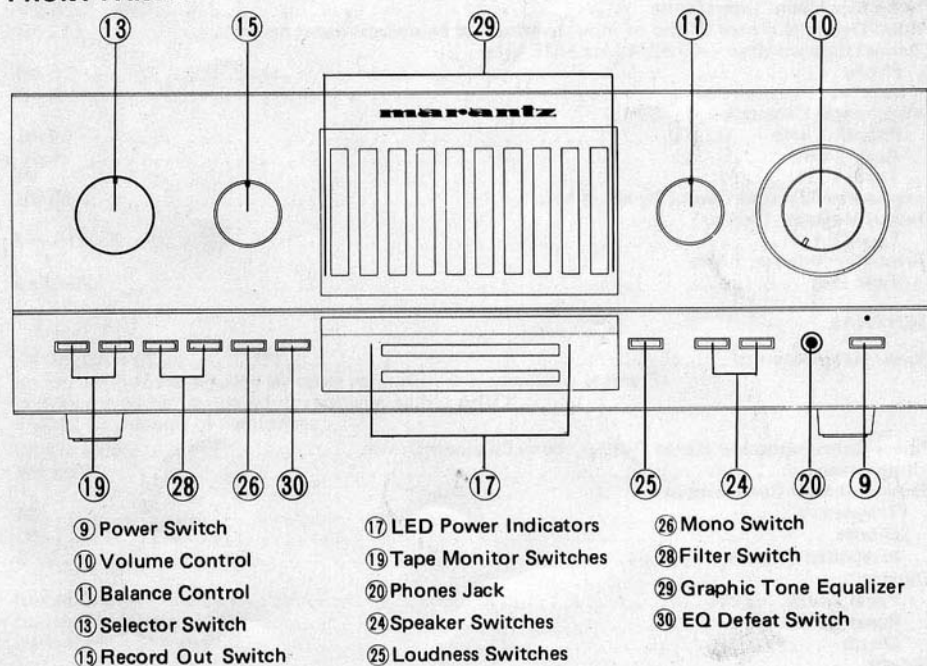
- MARKING SIDE
- Q721 ~ Q724
- Q701, Q702
- Q725 ~ Q728
- Q401, Q402
QE01, QE02
QF01, QF02
QN07
- BOTTOM VIEW
- Q703 ~ Q720
Q729 ~ Q731
Q801 ~ Q807
- TOP VIEW
- QX01, QX02
- QN07
- QF03 ~ QF12
QX03, QX04
QX09 ~ QX13

Model PM710DC

REAR PANEL



FRONT PANEL



For Tape Recording, See ㉚

For Tape Monitoring, See ㉜

For Tape Dubbing, See ㉞

TECHNICAL SPECIFICATIONS (DIN)

AUDIO SECTION

| | |
|--|---------------|
| POWER OUTPUT, DIN, 4 OHM, PER CHANNEL | 100W |
| POWER OUTPUT, FTC AMERICAN STANDARDS, 4 OHM, PER CHANNEL | 88W |
| TOTAL HARMONIC DISTORTION AT RATED POWER OUTPUT | 0.06% |
| I.M. DISTORTION AT RATED POWER OUTPUT (250 Hz AND 8 kHz MIXED, AMPLITUDE RATIO 4:1) | 0.06% |
| POWER OUTPUT, DIN, 8 OHM, PER CHANNEL | 80W |
| POWER OUTPUT, FTC AMERICAN STANDARDS, 8 OHM, PER CHANNEL | 70W |
| 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% |
| POWER BANDWIDTH | 0 Hz ~ 70 kHz |
| DAMPING FACTOR 8 OHM | 110 |

| | |
|--------------------|----------------|
| Frequency Response | |
| Phono (RIAA) | ±0.25 dB |
| Aux (±1 dB) | 10 Hz ~ 60 kHz |

| | |
|---------------------------------------|-------|
| Signal-to-Noise Ratio (IHF-A Network) | |
| Phono (MC) | 78 dB |
| (MM) | 88 dB |
| Aux | 93 dB |

| | |
|---|----------|
| Input Terminals | |
| Phono: Input Impedance | 47k ohms |
| Input Capacitance | 220 pF |
| Input Sensitivity | 0.33 mV |
| Overload Margin | 38 dB |
| Aux: Input Impedance | 25k ohms |
| Input Sensitivity | 18 mV |
| Phono Equivalent Input Noise | 0.38 µV |
| Phono Dynamic Range (Ratio of input overload to equivalent input noise) | 112 dB |
| Channel Balance (0 to -40 dB/40 Hz ~ 16 kHz) | |
| Phono | 2.0 dB |
| Aux | 1.6 dB |
| Interchannel Crosstalk | |
| Phono, 1 kHz | 50 dB |
| Aux, 1 kHz | 65 dB |
| Tape, 1 kHz | 65 dB |
| Intersource Crosstalk (Worst Point), 1 kHz | 58 dB |
| Output Voltage, 1 kHz | |
| Tape Out | 415 mV |
| Output Impedance, 1 kHz | |
| Tape Out | 220 ohms |

GENERAL

| | |
|---|--|
| Power Requirements | 220V AC, 50 Hz |
| | (E and N versions are featuring an external voltage selector for use on 110V. Other versions can be converted by a qualified technician to operate on 240V.) |
| Power Consumption at Rated Output, both Channels Driven | 300W ± 20W |
| Idling Power | 50W ± 5W |
| Semiconductor Complement | |
| Transistors | 54 |
| Diodes | 66 |
| Integrated Circuits | 9 |
| Dimensions | |
| Panel Width | 416 mm (16-3/8 inches) |
| Panel Height | 146 mm (5-3/4 inches) |
| Depth | 330 mm (9-9/16 inches) |
| Weight | |
| Unit Alone | 15 kg (33 lbs) |
| Packed for Shipment | 17 kg (37.4 lbs) |

FUNCTIONAL BLOCK DIAGRAM

