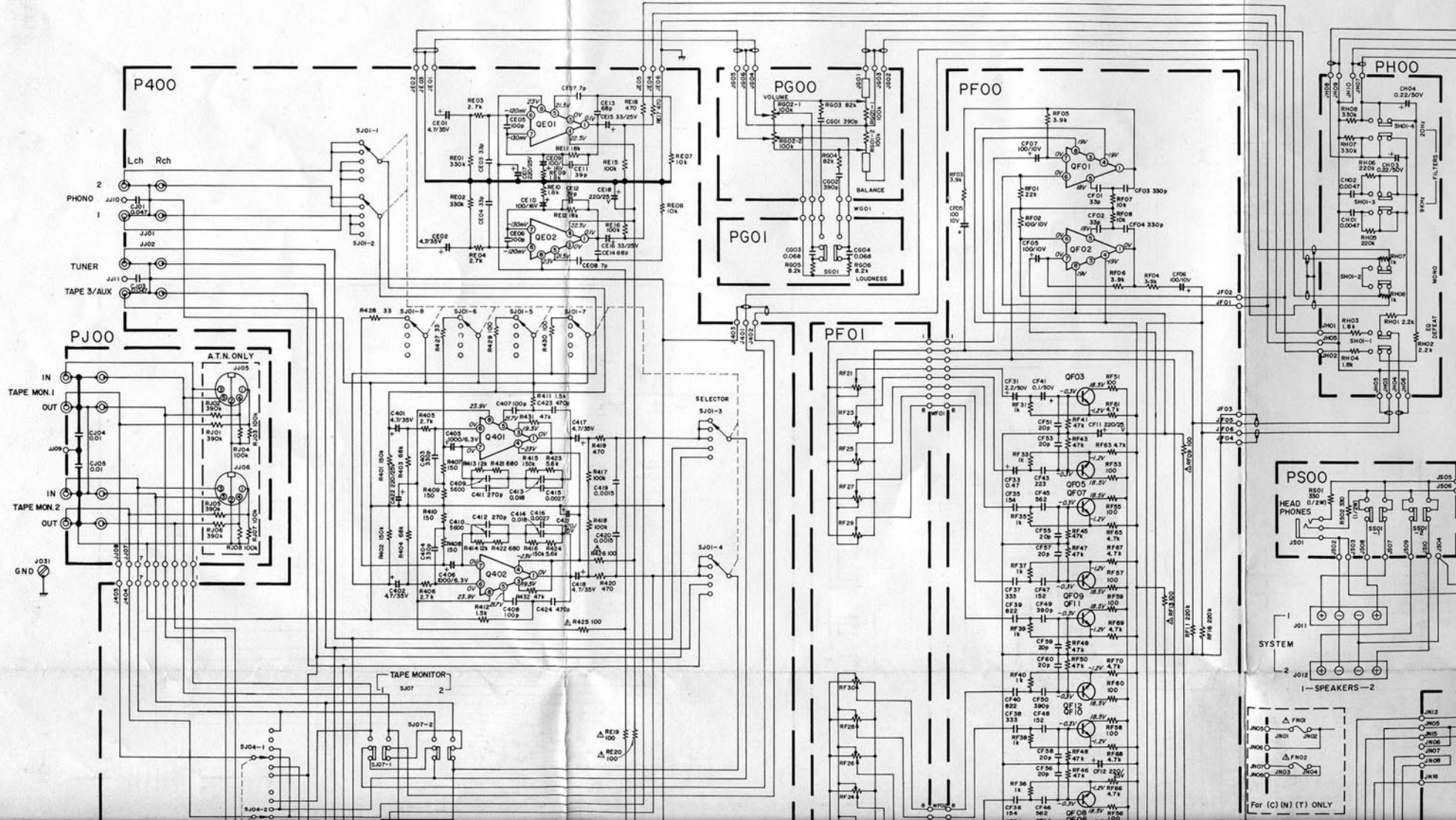
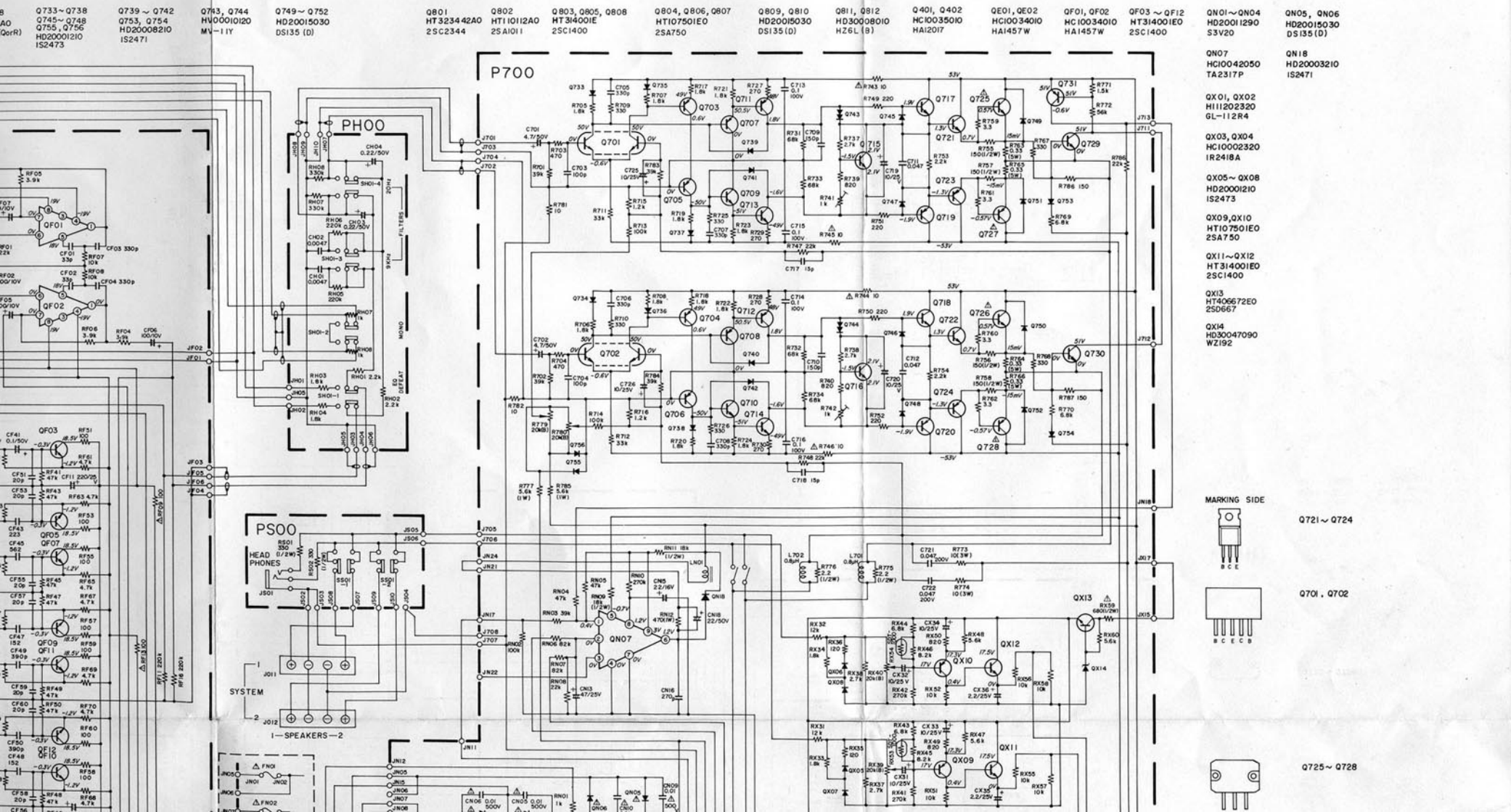


- | | | | | | | | | | | | | | | |
|--------------------------|---------------------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|---|--------------------------|---------------------------|
| Q701, Q702
HT322592G0 | Q703 ~ Q708, Q731
HT107501E0 | Q709, Q710, Q715
Q716, Q729, Q730
HT314001E0 | 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 | Q739 ~ Q742
Q753, Q754
HD20008210 | Q743, Q744
HV00010120 | Q749 ~ Q752
HD20015030 |
| 2SC2259(ForG) | 2SA7501(E) | 2SC1400(E) | 2SA970(GRorBL) | 2SC2240(GRorBL) | 2SC2229(OrY) | 2SA949(OrY) | 2SC259(PQorR) | 2SA111(PQorR) | 2SC258A(QorR) | 2SA110BA(QorR) | IS2473 | IS2471 | MV-11Y | 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
DS155 (D)

Q801
HT 323442A0
Z5C2344

Q802
HT110112A0
Z5A1011

Q803, Q805, Q808
HT 314001E
Z5C1400

Q804, Q806, Q807
HT107501E0
Z5A750

Q809, Q810
HD20015030
DS155 (D)

Q811, Q812
HD30008010
HZ6L (B)

Q401, Q402
HC10035010
HA12017

Q601, Q602
HC10034010
HA1457W

QF01, QF02
HC10034010
HA1457W

QF03 ~ QF12
HT314001E0
Z5C1400

QN01 ~ QN04
HD2001290
S3V20

QN05, QN06
HD20015030
DS155 (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

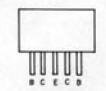
QX13
HT406672E0
Z5D667

QX14
HD30047090
WZ192

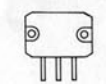
MARKING SIDE



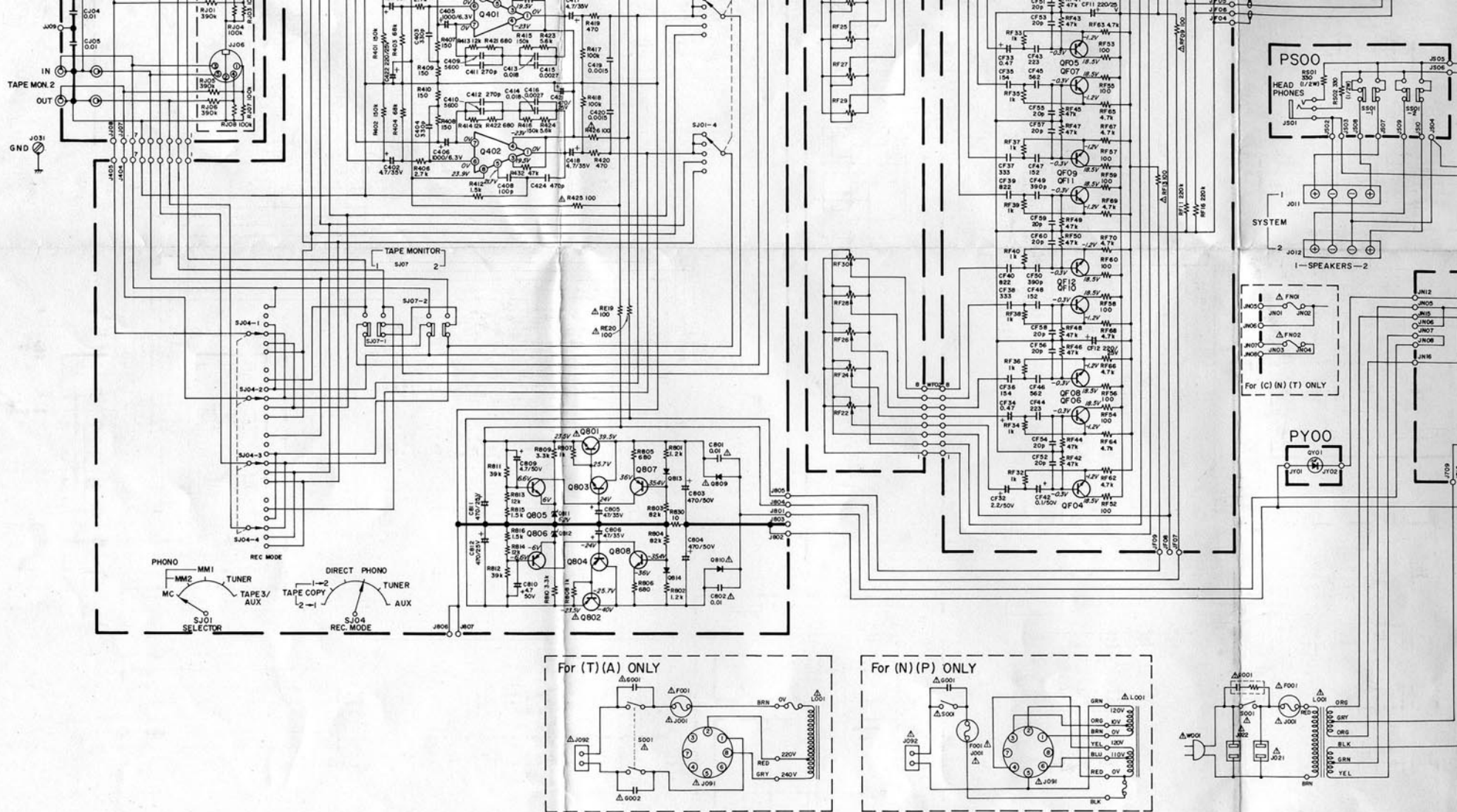
Q721 ~ Q724



Q701, Q702

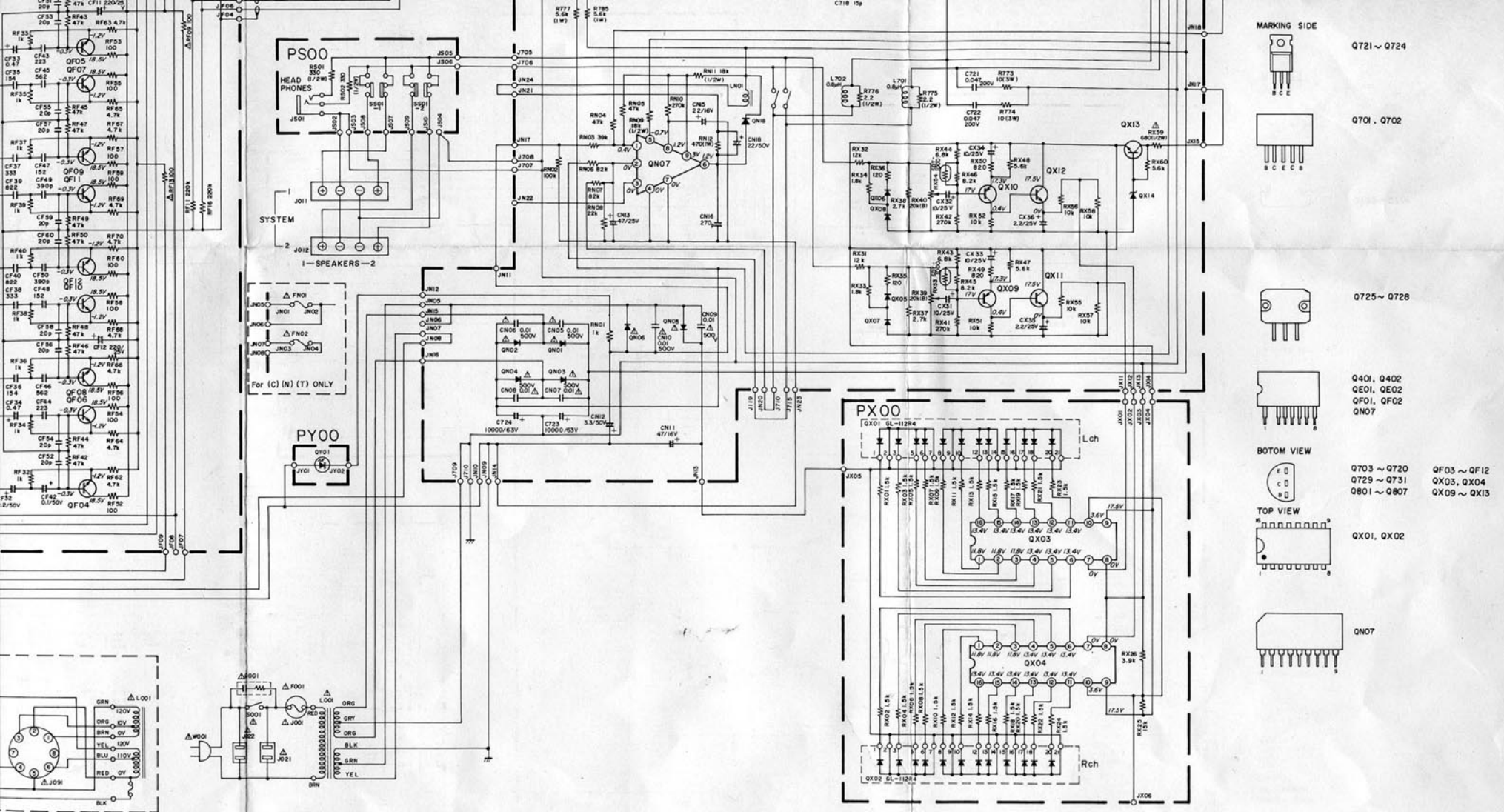


Q725 ~ Q728



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



Components and wiring are subject to change for modification without notice.

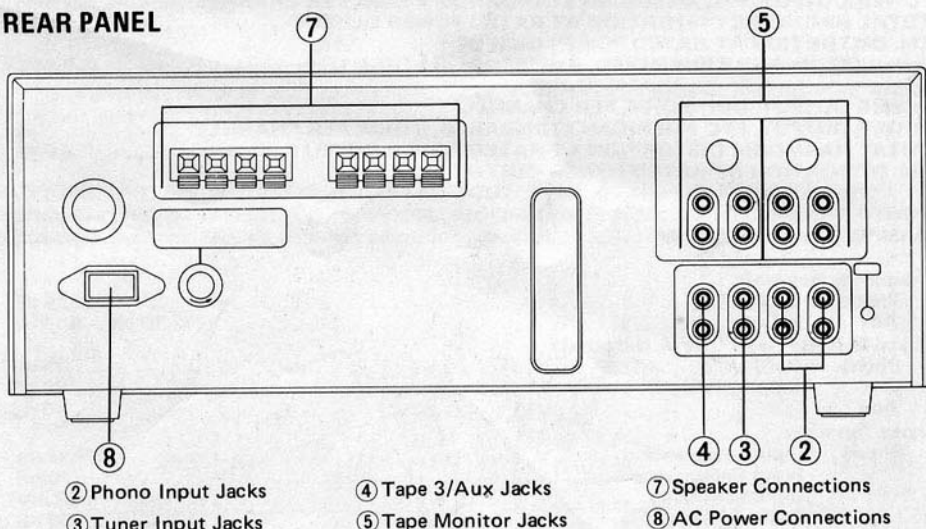
Printed in Japan

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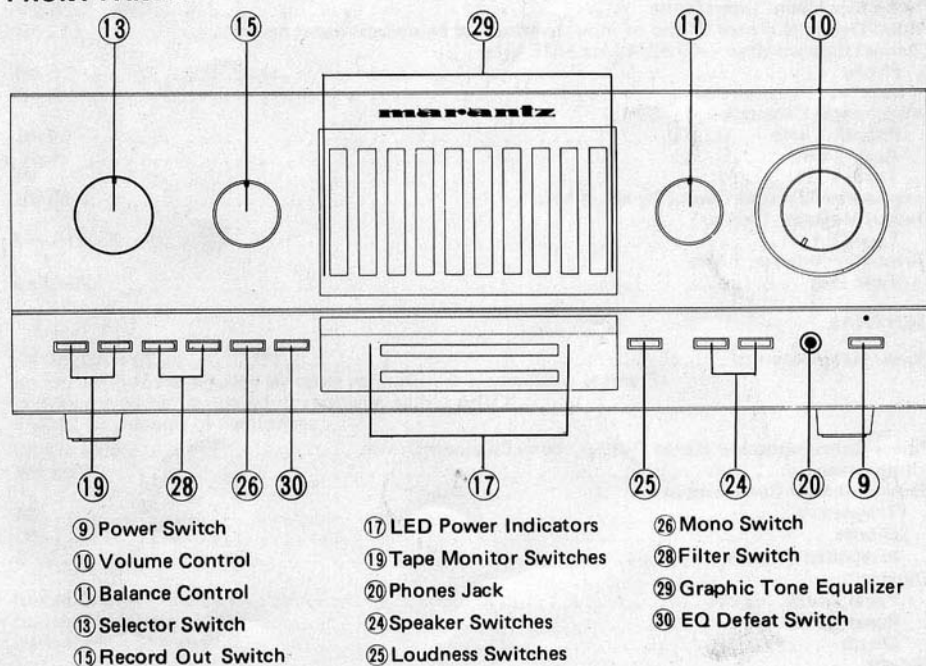
1980/5

Model PM710DC

REAR PANEL



FRONT PANEL



For Tape Recording, See ㉚

For Tape Monitoring, See ㉛

For Tape Dubbing, See ㉜

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

