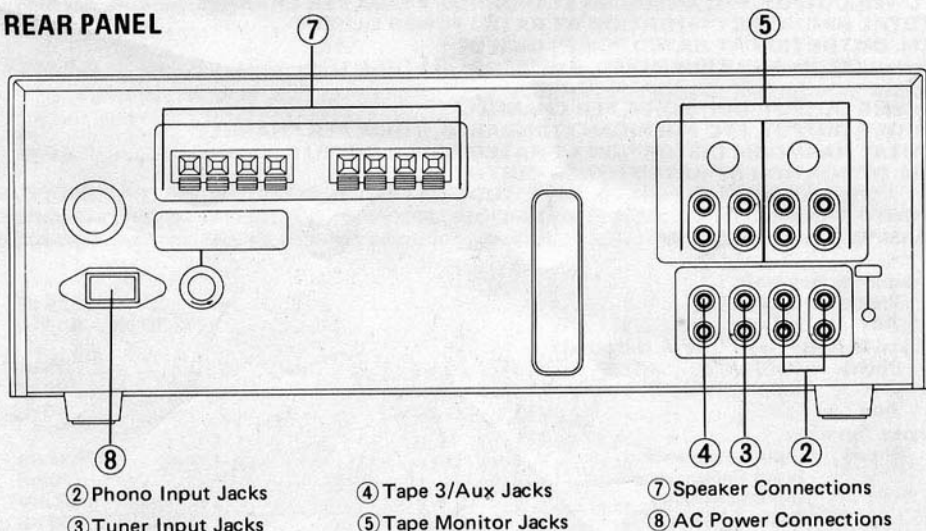
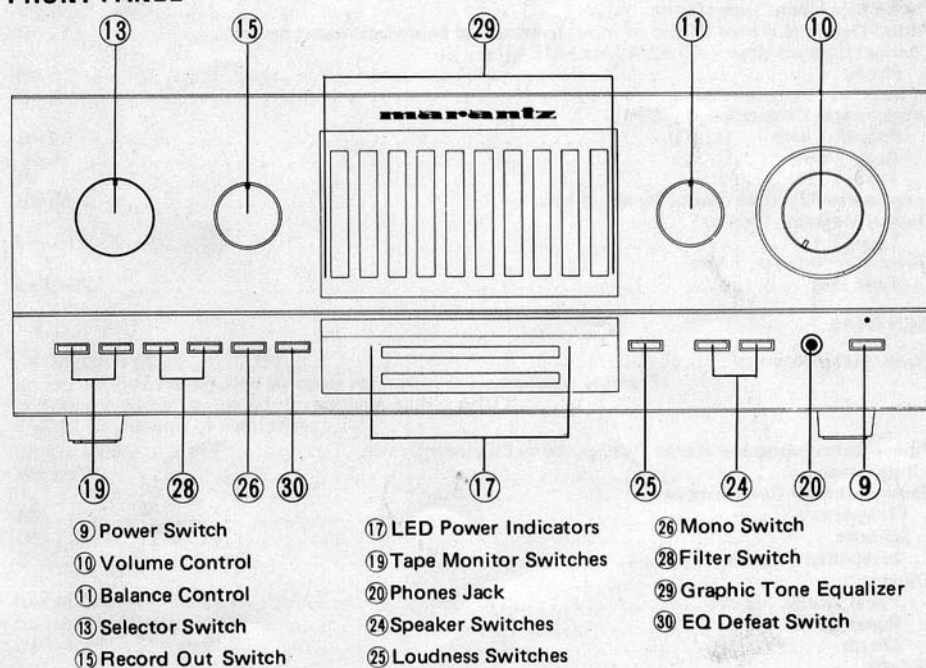


Model PM710DC

REAR PANEL



FRONT PANEL



For Tape Recording, See ㉚

For Tape Monitoring, See ㉚

For Tape Dubbing, See ㉚

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

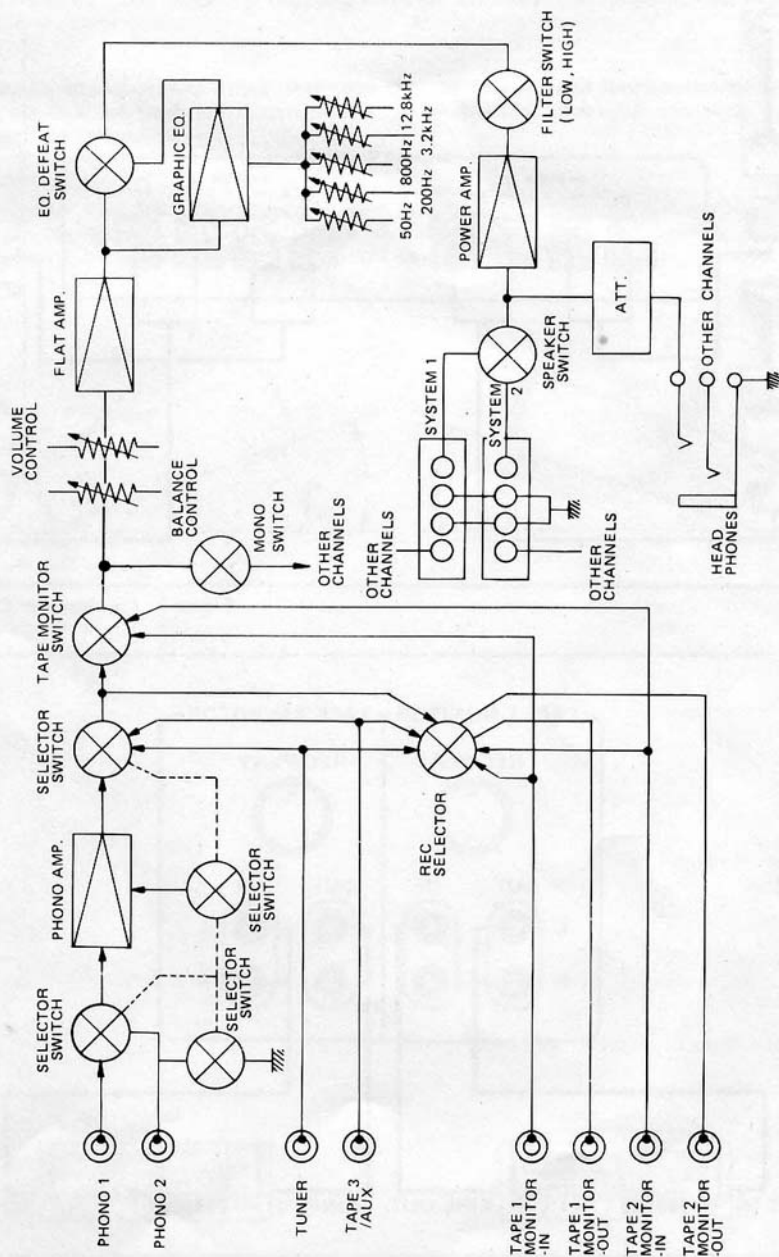
Input Terminals	
Phono: Input Impedance	47k ohms
Input Capacitance	220 pF
Input Sensitivity	0.33 mV
Overload Margin	38 dB
Aux: Input Impedance	25k ohms
Input Sensitivity	18 mV
Phono Equivalent Input Noise	0.38 μ V
Phono Dynamic Range (Ratio of input overload to equivalent input noise)	112 dB
Channel 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



SCHEMATIC DIAGRAM FOR Model PM700/PM710DC

Q733 ~ Q738
Q745 ~ Q748
Q755, Q756
HD20001210
IS2473

Q739 ~ Q742
Q753, Q754
HD20001210
IS2471

Q763, Q744
HW00010120
MV-11Y

Q749 ~ Q752
HD20015030
DS135 (D)

Q801
HT323442A0
Z5C2344

Q802
HT110112A0
Z5A1011

Q803, Q805, Q808
HT314001E
Z5C1400

Q804, Q806, Q807
HT107501E0
Z5A750

Q809, Q810
HD30008010
DS135 (D)

Q811, Q812
HD30008010
H26L (8)

Q401, Q402
HC10035010
HA12017

Q601, Q602
HC10034010
HA1457W

Q701, Q702
HC10034010
HA1457W

Q703 ~ Q712
HT314001E0
Z5C1400

Q701 ~ Q704
HD2001290
S3V20

Q705, Q706
HD20015030
DS135 (D)

Q707
HC10042050
TA2317P

Q718
HD20003210
IS2471

Q701, Q702
H111202320
GL-112R4

Q703, Q704
HC1002320
IR2418A

Q705 ~ Q708
HD20001210
IS2473

Q709, Q710
HT107501E0
Z5A750

Q711 ~ Q712
HT314001E0
Z5C1400

Q713
HT406672E0
Z5D667

Q714
HD30047090
WZ192

MARKING SIDE

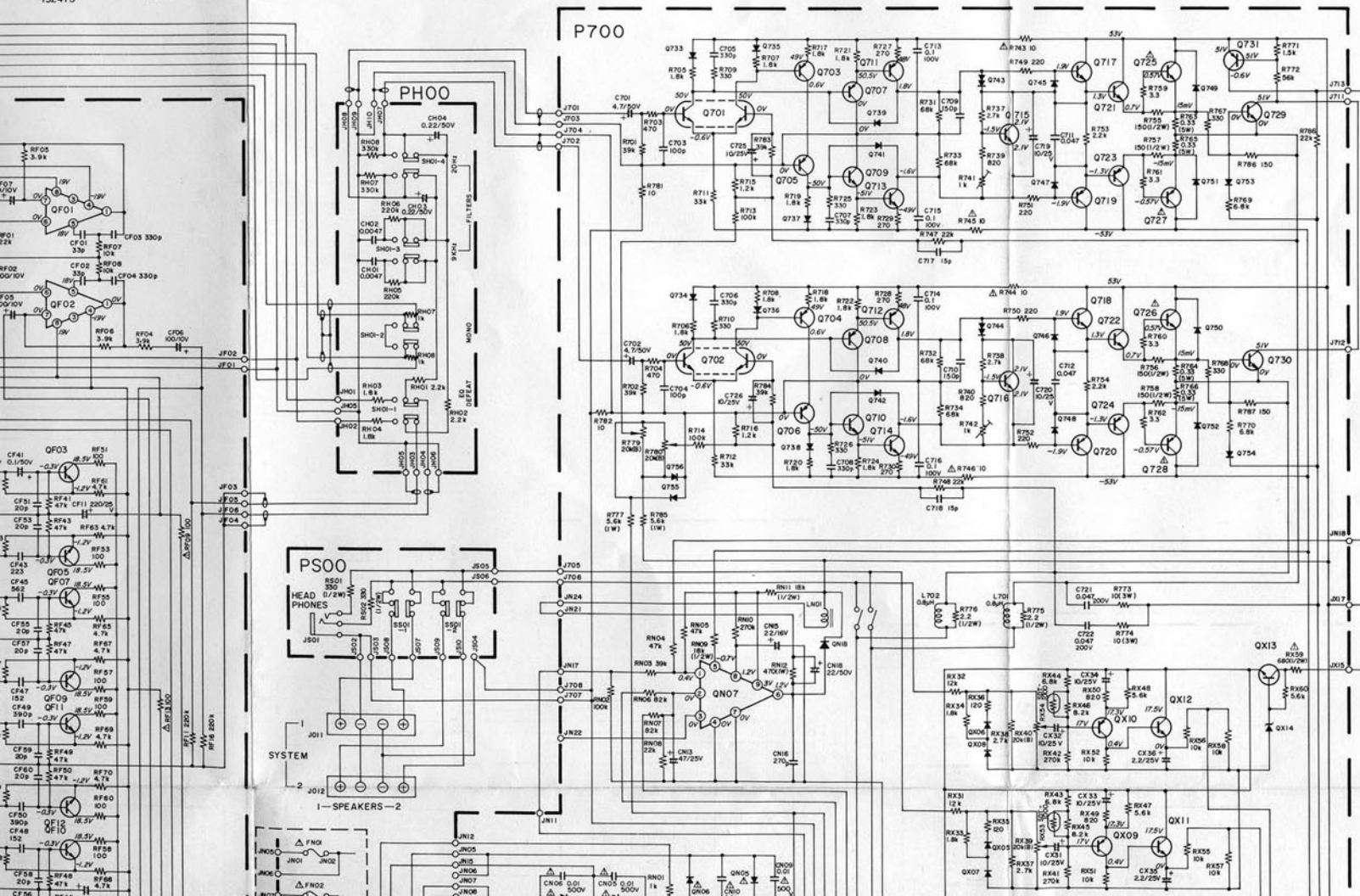


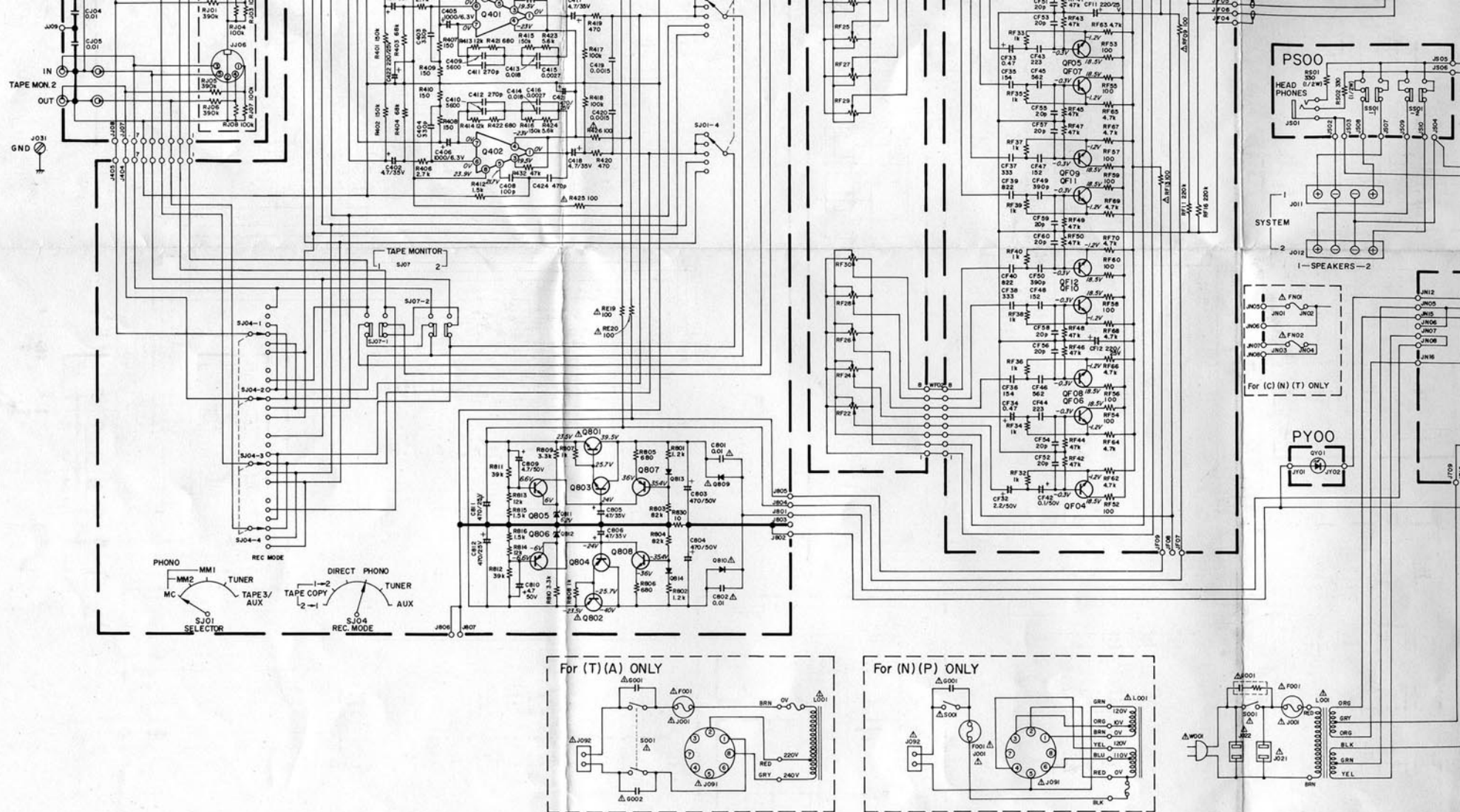
Q721 ~ Q724

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

