



SPECIFICATIONS

FM TUNER SECTION

Usable Sensitivity:	1.8μV
40dB Quieting Sensitivity:	1.8μV
50dB Quieting Sensitivity:	4μV
Ultimate Signal to Noise Ratio:	73dB at 200μV input
Ultimate T.H.D. at 80μV Input:	0.15% at 1kHz
Image Rejection:	100dB
Frequency Response:	20Hz ~ 15kHz + 0dB, -1.5dB
Capture Ratio:	1.3dB
AM Suppression:	65dB
Selectivity	
(IHF ALT channel):	100dB
SCA Rejection:	65dB

FM STEREO

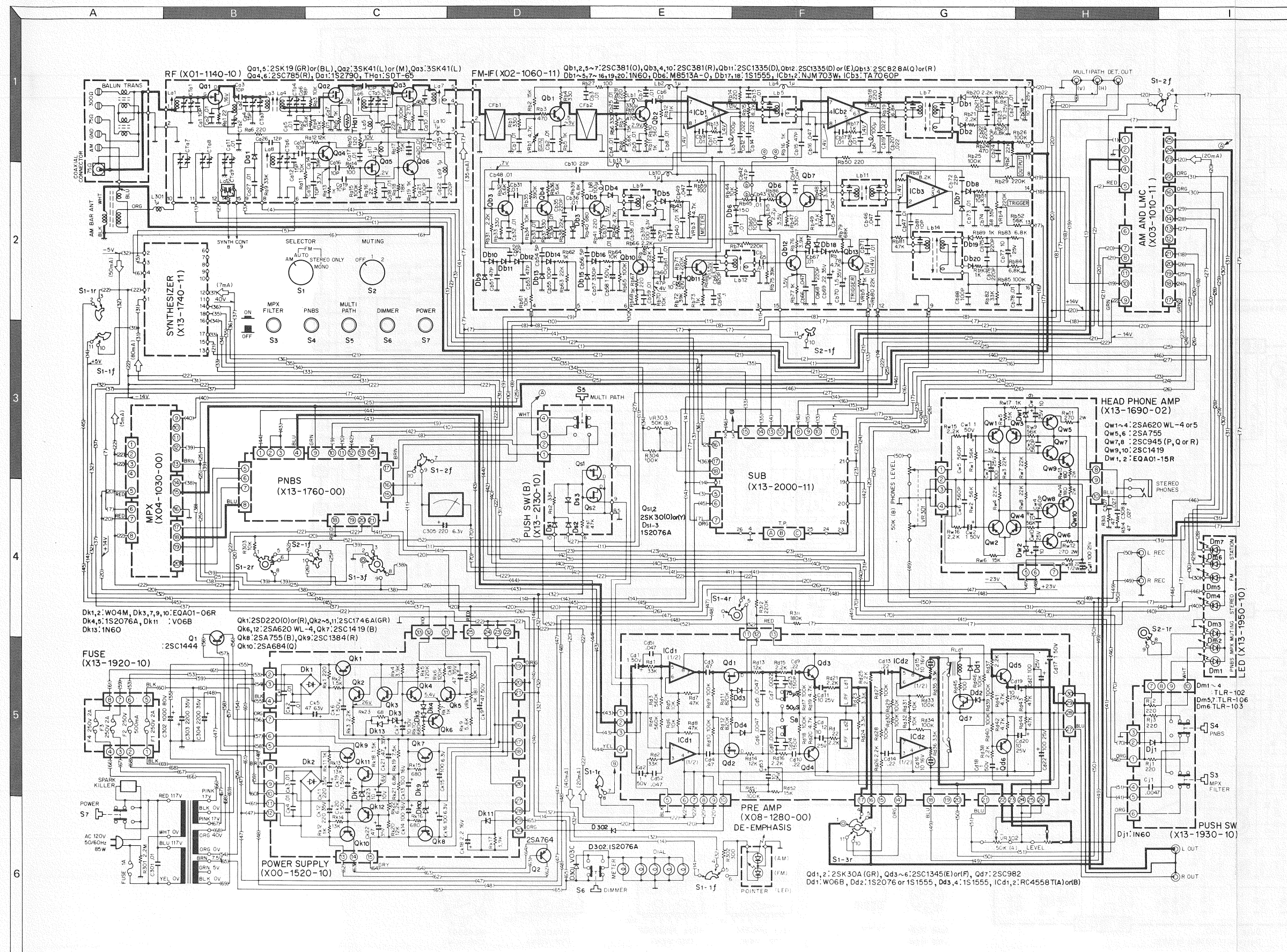
50dB Quieting Sensitivity:	45 μ V
Stereo Separation:	40dB at 100Hz 45dB at 1kHz 35dB at 10kHz
Sub-Carrier Rejection:	65dB
Ultimate T.H.D. at 800μV Input:	0.25% at 1kHz

AM TUNER SECTION

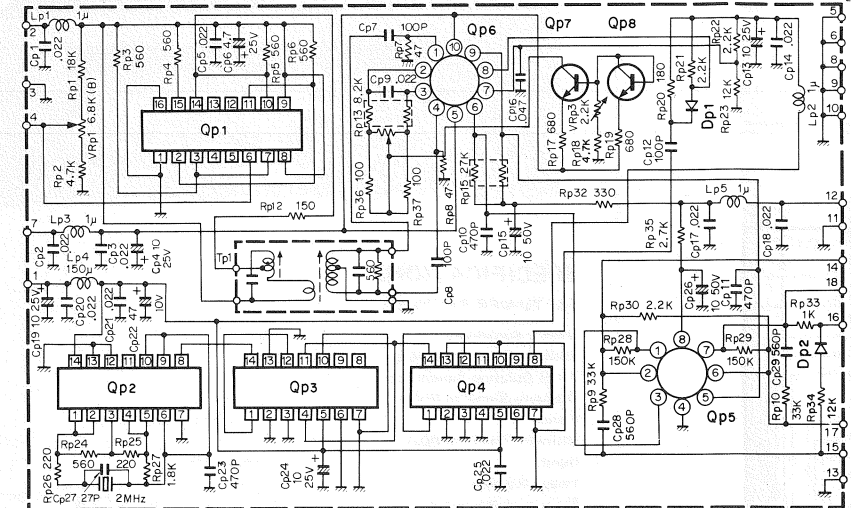
Usable Sensitivity (IHF):	13 μ V
Signal to Noise Ratio:	50dB at 1mV input
Image Rejection:	70dB
Selectivity (IHF):	40dB
IF Rejection:	70dB
Output Voltage:	
FM (at 400Hz 100% modulation)	1.5V, 100 ohms
AM (at 400Hz 30% modulation)	0.15V, 100 ohms
Multipath Output V and H:	0.13V, H 130k ohms, V 30k ohms
4 Channel Detect Out:	0.15V, 10k ohms

GENERAL

Antenna	
FM:	300 ohms balanced and 75 ohms unbalanced
AM:	Built-in ferrite bar antenna and External antenna terminals
Switches:	Selector (AM, FM AUTO, STEREO ONLY, MONO), Muting, PNBS, MPX Filter, Multipath, Dimmer
Others:	Output Level, Phones Jack, Phones Level, FM Station Indicator
Power Requirement:	50/60Hz, 110 ~ 120V/220 ~ 240V
Power Consumption:	85W
Dimensions:	W 17-5/16" (440 mm), H 5-1/2" (140 mm), D 11-13/16" (300 mm)
Weight:	29.5 lbs (13.4 kg)

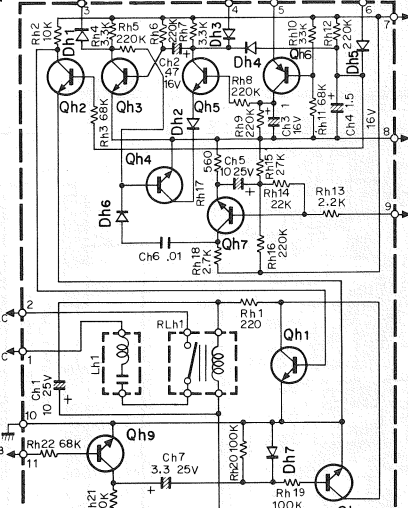


SYNTHESIZER (X13-1740-11)



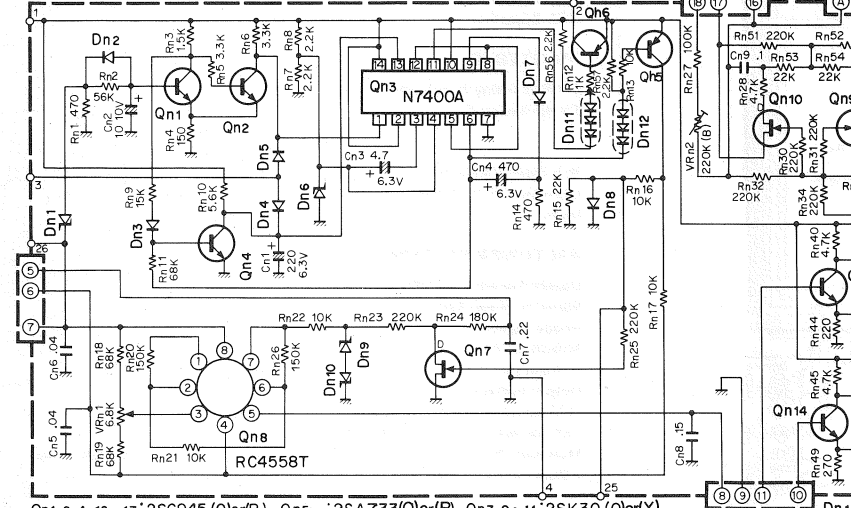
Qp1: N10131F, Qp2: N7400A, Qp3: N7490A, Qp4: N7493A, Qp5: RC4558, Qp6: LM14196H, Qp7, 8: 2SC1345 (E)
Dp1, 2: 1S2076

SYNTH.CONT (X13-2110-00)



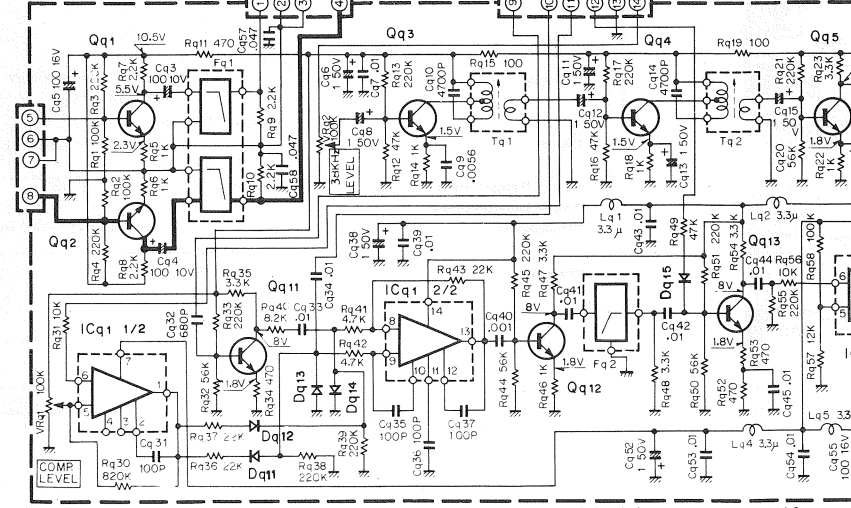
Qh1~5, 9: 2SC945 (Q) or (R), Qh6: 2SA733 (Q)
Qh7: 2SC1345 (E), Qh8: 2SC982, Dh1~5, 7: 1S2076
Dh6: 1N60

SUB (X13-2000-11)



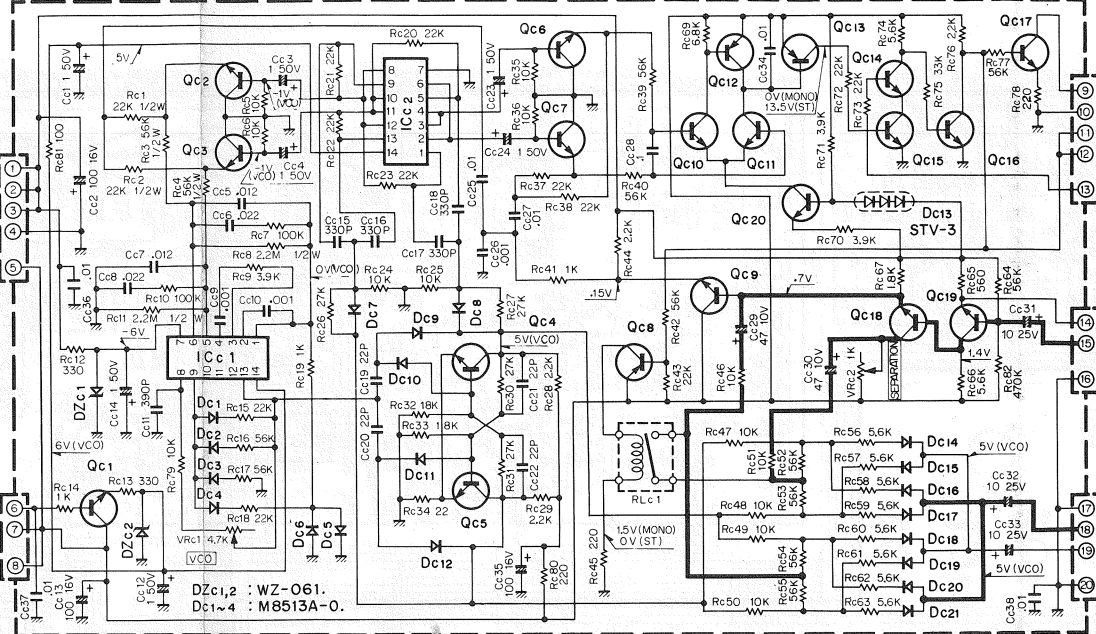
Qn1, 2, 4, 12~17: 2SC945 (Q) or (R), Qn5: 2SA733 (Q) or (R), Qn7, 9~11: 2SK30 (Q) or (Y)
Qn6: 2SA673 (A) or (B)

PNBS (X13-1760-00)



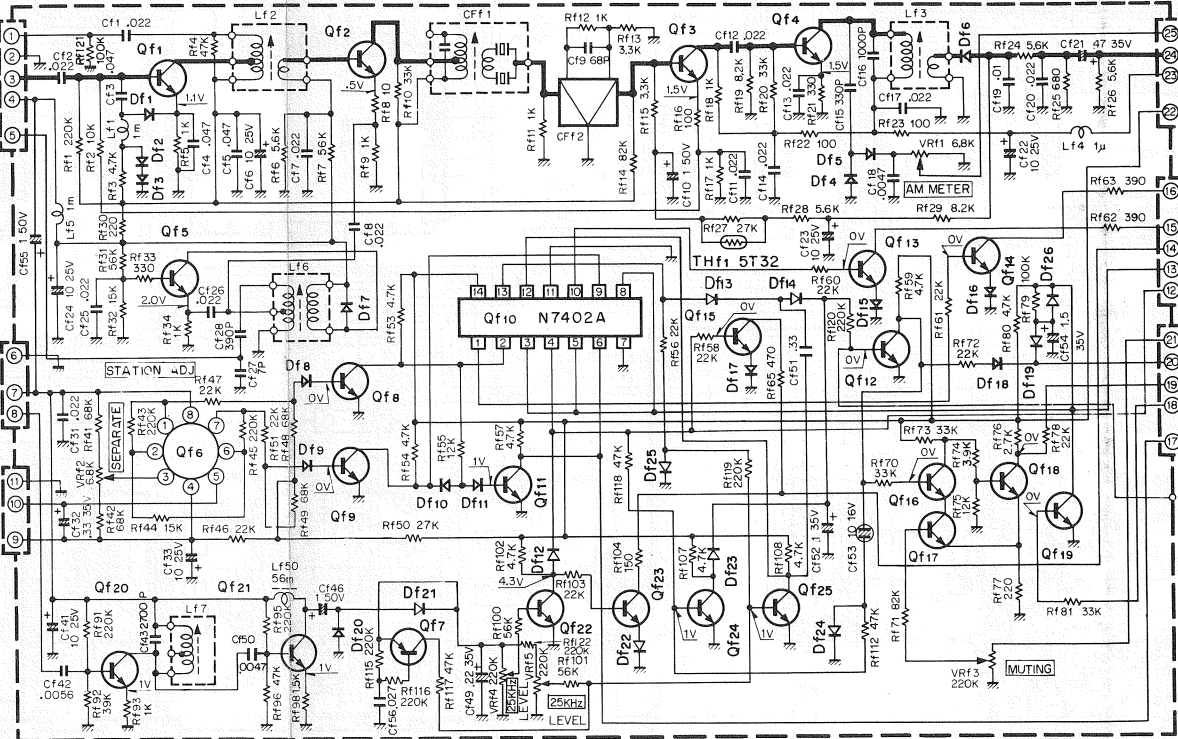
Qq1, 2: 2SC1345 (D) or (E), Qq3~5, 11~13: 2SC828A (Q) or (R),
Qq12: 1N60, Qq11~18: 1S2076 or 1S1555.

MPX (X04-1030-00)



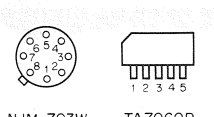
Qc1, 14~17: 2SC945 (R) or (Q), Qc2~7: 2SC535 (B),
Qc8, 12, 13: 2SA733 (R) or (Q), Qc9, 18, 19: 2SC1345 (D) or (E) or (F) or 2SC1000 (GR) or (BL),
Qc10, 11, 20: 2SC1345 (D), Dc3~12, 14~21: 1S1555 or 1S2076A,
ICc1: μ PC33C, ICc2: M53200P or SN7400A

AM & LMC (X03-1010-11)



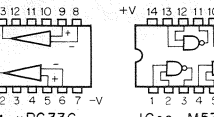
Qf1, 2, 3, 5: 2SC941 (O), Qf4: 2SC381 (O), Qf6: RC4558.T,
Qf7: 2SA733 (R), Qf8, 9, 11~25: 2SC945 (R),
Df1, 2, 3: M8513A-O, Df4~7: 1N60, Df8~26: 1S1555.

FM-IF (X02-1060-11)



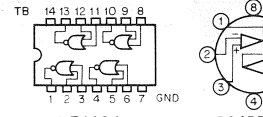
NJM 703W (TOP VIEW), TA7060P

MPX (X04-1030-00)



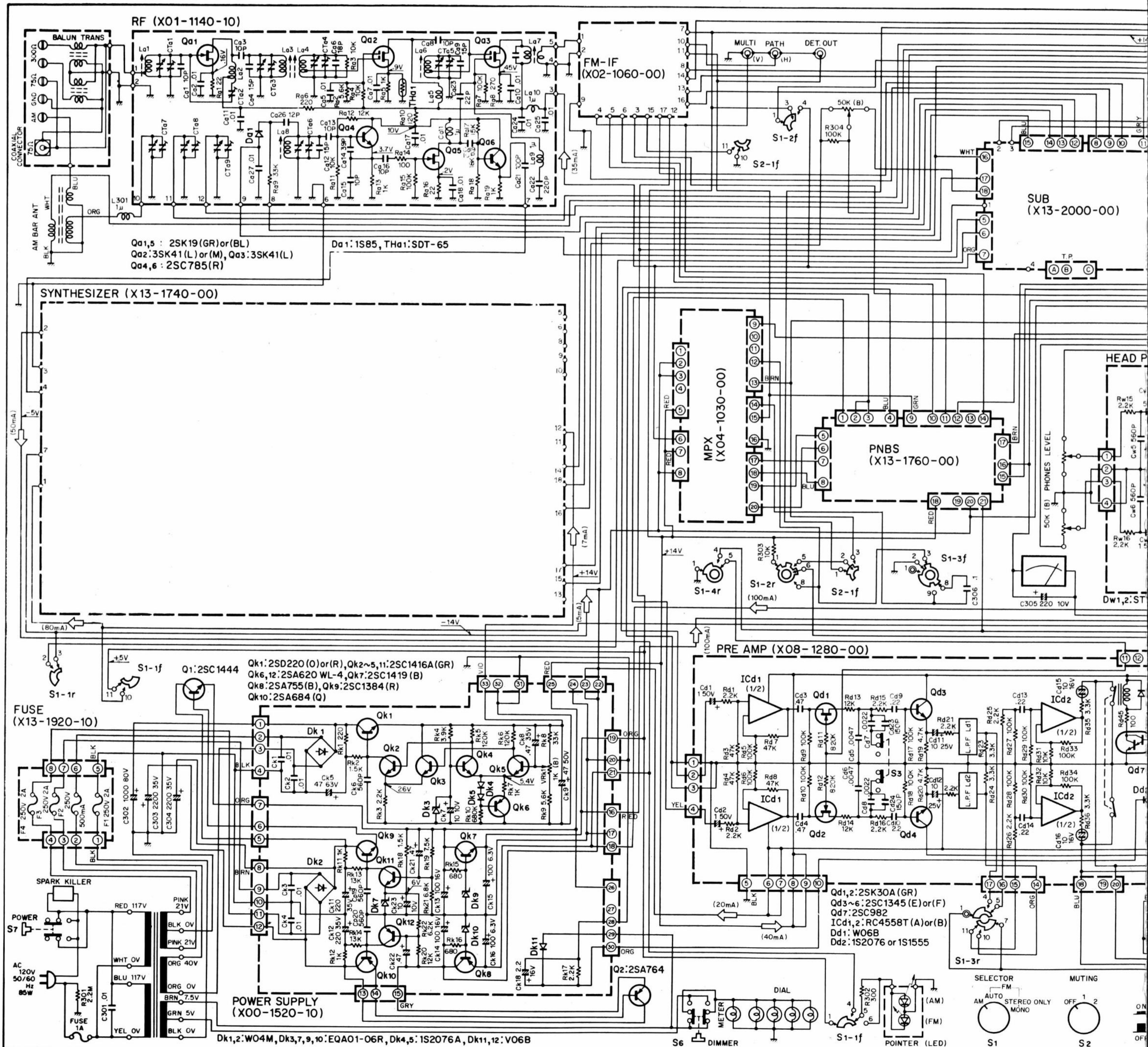
ICc1: μ PC33C (TOP VIEW), ICc2: M53200P (TOP VIEW)

AM & LMC (X03-1010-00)

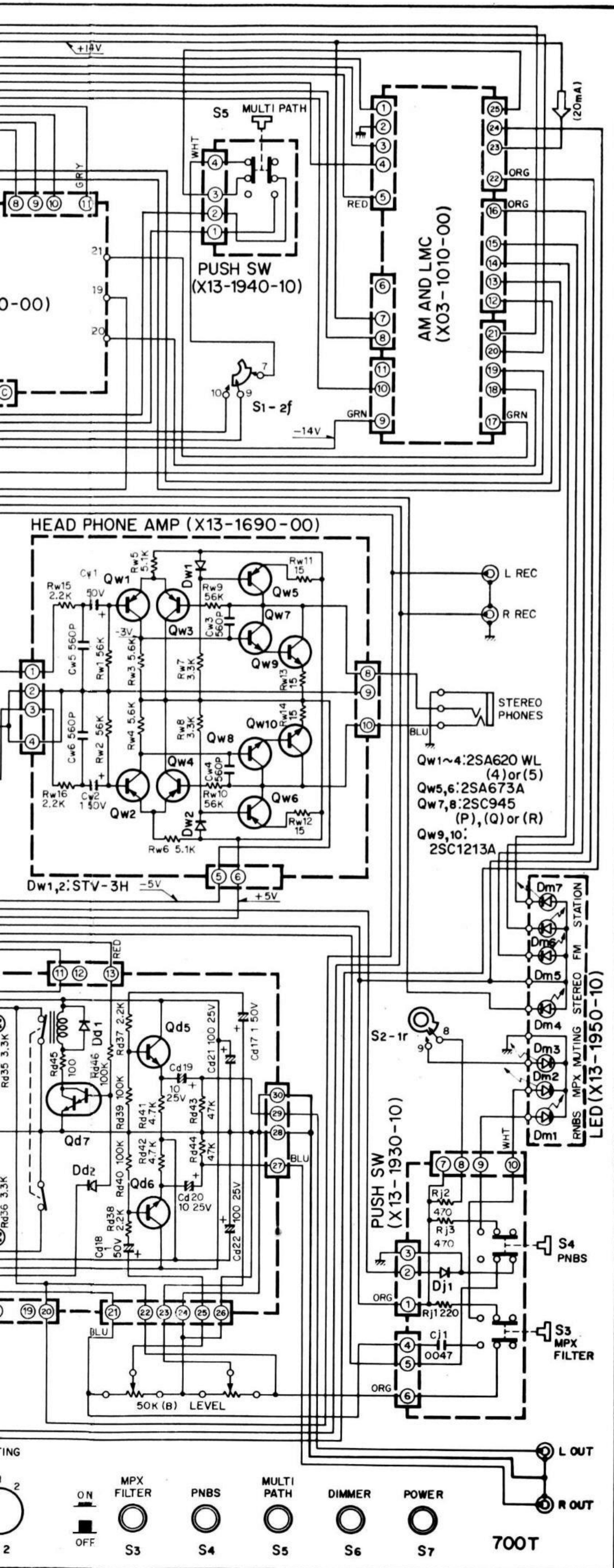


N7402A (TOP VIEW), RC4558T (TOP VIEW)

MODEL 700T SCH



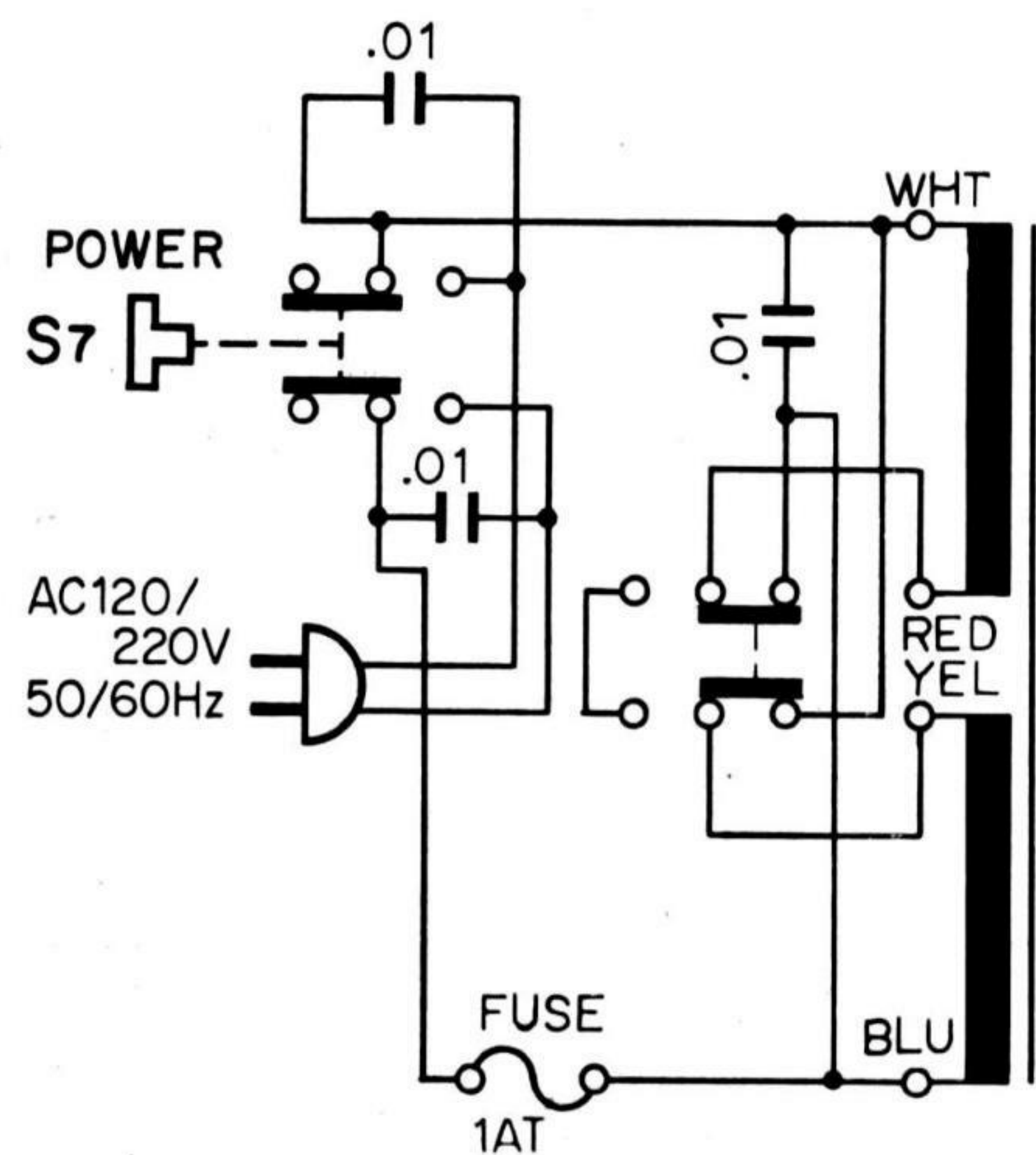
SCHEMATIC DIAGRAM



REVISED CIRCUITS

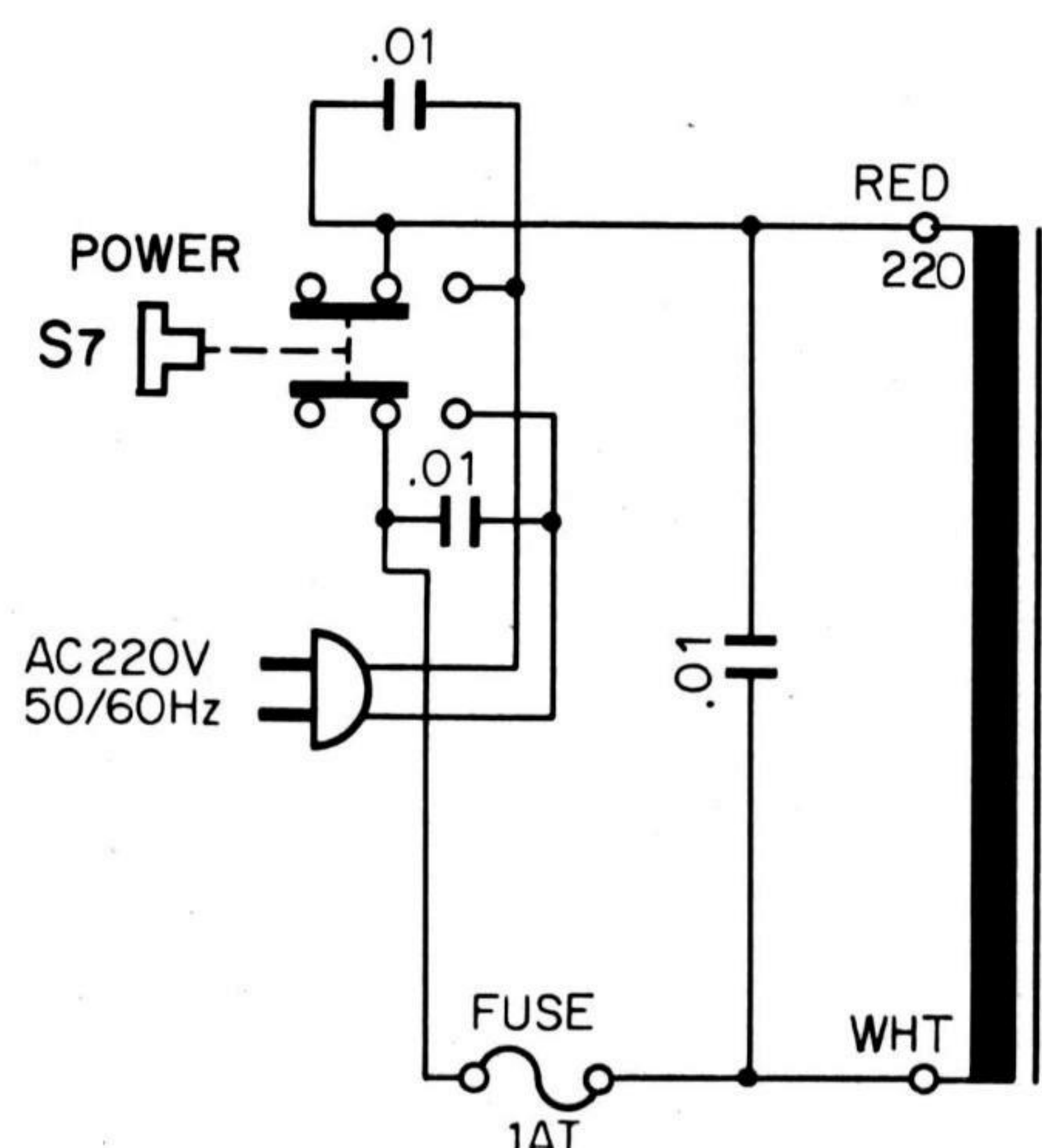
For the sets sold in Europe except England.

W TYPE



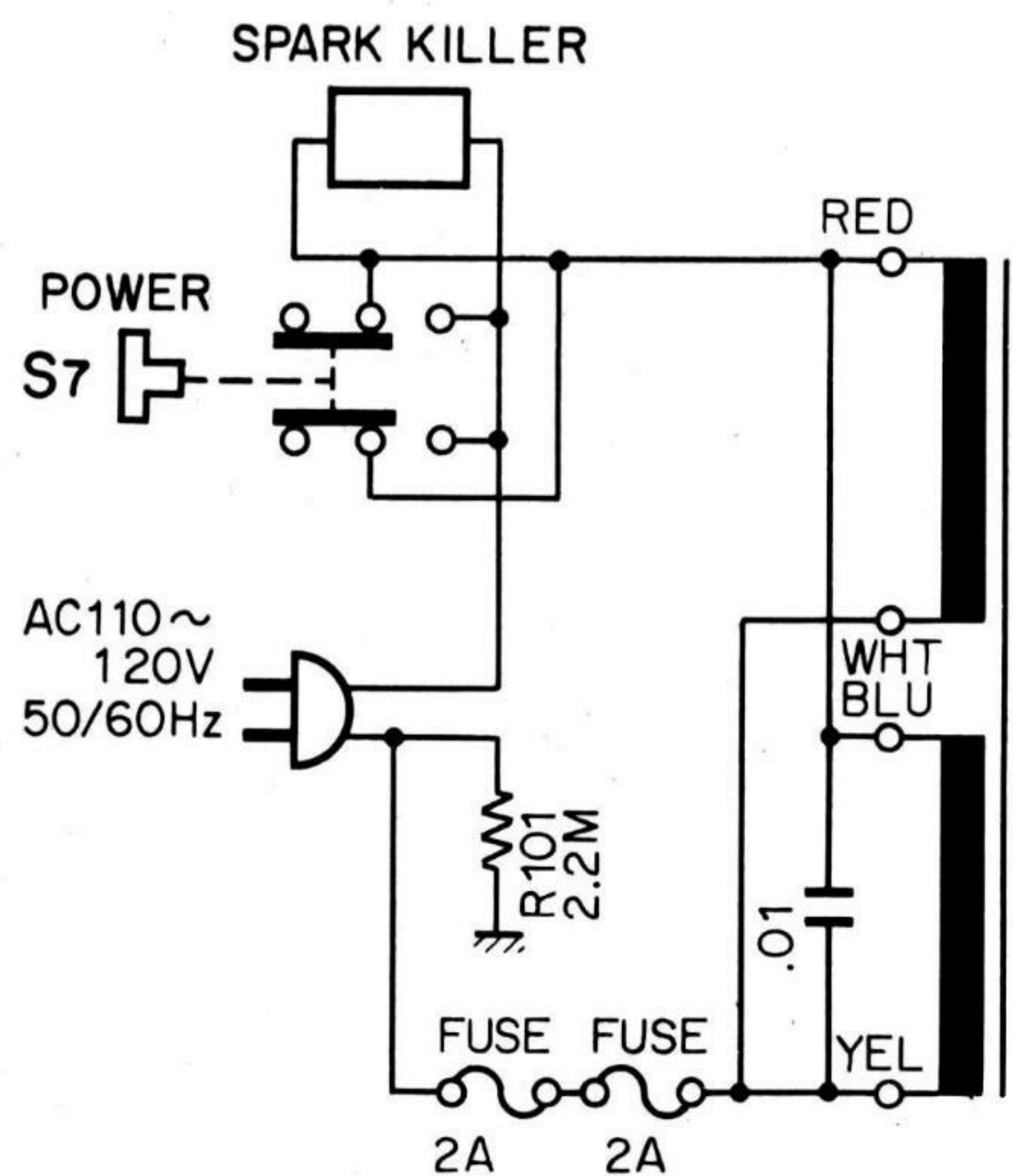
For the sets sold in Scandinavia.

L TYPE



For the sets sold in Canada.

P TYPE



For the sets sold in PX and areas except designated.

U, M TYPE

