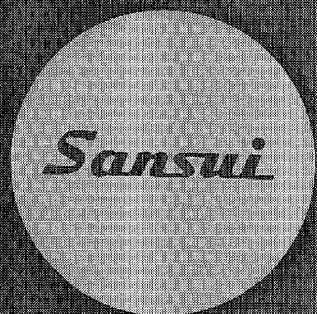
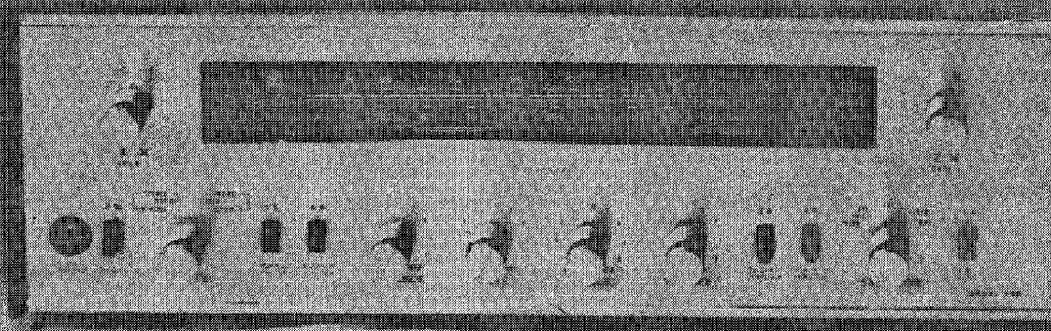




SANSUI FM-MULTIPLEX STEREOPHONIC AMPLIFIER



SERVICE MANUAL

PARTS LIST

Part No	Nomenclature			
R ₁	150K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂	47K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₃	10K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄	68 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅	5K Ω	1 Watt	10%	Carbon Fixed Resistor
R ₆	4K Ω	2 Watt	10%	Carbon Fixed Resistor
R ₇	68 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₈	4K Ω	2 Watt	10%	Carbon Fixed Resistor
R ₉	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₀	2M Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₁	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₂	15K Ω	1 Watt	10%	Carbon Fixed Resistor
R ₁₃	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₄	1K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₅	1K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₆	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₇	250K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₈	2M Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₁₉	500K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₀	500K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₁	20K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₂	50 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₃	68 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₄	2M Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₅	5K Ω	1 Watt	10%	Carbon Fixed Resistor
R ₂₆	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₇	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₈	250K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₂₉	1M Ω	1/2 Watt	10%	Carbon Fixed Resistor
R ₃₀	1M Ω	1/2 Watt	10%	Carbon Fixed Resistor
R ₃₁	100K Ω	1 Watt	10%	Carbon Fixed Resistor
R ₃₂	10K Ω	1/2 Watt	10%	Carbon Fixed Resistor
R ₃₃	5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₃₄	10K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₃₅	2 Ω	2 Watt	10%	Carbon Fixed Resistor
R ₃₆	2.5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₃₇	3K Ω	20 Watt	10%	Wire Winding Resistor
R ₃₈	2 M Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₃₉	10M Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₀	5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₁	3K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₂	5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₃	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₄	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₅	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₆	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₇	2M Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₈	10M Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₄₉	1K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₀	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₁	1K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₂	500K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₃	10K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₄	8K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₅	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₆	30K Ω	1/4 Watt	10%	Carbon Fixed Resistor

Part No	Nomenclature			
R ₅₇	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₈	10K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₅₉	8K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₀	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₁	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₂	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₃	50K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₄	5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₅	5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₆	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₇	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₆₈	170K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₆₉	170K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₇₀	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₇₁	100K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₇₂	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₇₃	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₇₄	7.5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₇₅	7.5K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₇₆	8K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₇₇	8K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₇₈	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₇₉	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₀	250 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₈₁	250 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₈₂	120K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₃	120K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₄	30K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₅	30K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₆	6.5K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₇	6.5K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₈	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₈₉	15K Ω	1/4 Watt	10%	Carbon Fixed Resistor (noise less)
R ₉₀	100 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₉₁	100 Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₉₂	20K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₉₃	20K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₉₄	2K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₉₅	2K Ω	1/4 Watt	10%	Carbon Fixed Resistor
R ₉₆	2K Ω	1 Watt	10%	Carbon Fixed Resistor

Part No	Nomenclature
R ₁₀₁	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₂	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₃	100K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₄	100K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₅	15K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₆	15K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₇	100K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₈	100K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₀₉	1K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₀	50K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₁	50K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₂	50K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₃	50K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₄	3K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₅	3K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₆	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₇	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₈	2M Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₁₉	2M Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₀	1M Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₁	1M Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₂	2M Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₃	2M Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₄	10K Ω 1Watt 10% Carbon Fixed Resistor
R ₁₂₅	2K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₆	2K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₇	250K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₈	250K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₂₉	10K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₀	10K Ω 1Watt 10% Carbon Fixed Resistor
R ₁₃₁	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₂	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₃	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₄	150K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₅	15K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₆	15K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₇	5K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₈	500K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₃₉	500K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₄₀	500K Ω 1Watt 10% Carbon Fixed Resistor
R ₁₄₁	500K Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₄₂	2M Ω 1/2Watt 10% Carbon Fixed Resistor
R ₁₄₃	2M Ω 1/2Watt 10% Carbon Fixed Resistor
R _{144A}	700 Ω 10Watt 10% Wire wound Resistor
R _{145A}	500 Ω 10Watt 10% Wire wound Resistor
R ₁₄₆	400 Ω 2Watt 10% Carbon Fixed Resistor
R ₁₄₇	400 Ω 2Watt 10% Carbon Fixed Resistor
VR ₁	HUM Balancer 100 Ω
VR ₂	HUM Balancer 100 Ω
VR ₃	Variable Resistor type 24 ϕ 5K Ω (B)
VR ₄	Variable Resistor type 24 ϕ 50K Ω (A)
VR ₅	Variable Resistor type 24 ϕ 500K Ω (A)
VR ₆	(Loudness. Tap ~120K Ω)
VR ₇	Variable Resistor type 24 ϕ 1M Ω (N)

Part No	Nomenclature
(Tone control)	
VR ₈	Variable Resistor type 24 ϕ 1M Ω (N)
(Tone control)	
VR ₉	Variable Resistor type 24 ϕ 500K Ω (A.C)
(Balance Control)	
C ₁	10pF 250WV 10% Ceramic tubular
C ₂	0.02 μ F 250WV 10% Ceramic tubular
C ₃	10pF 250WV 10% Ceramic tubular
C ₄	13.5pF 250WV 10% Ceramic tubular
C ₅	100pF 250WV 10% Ceramic tubular
C ₆	18pF 250WV 10% Ceramic tubular
C ₇	0.002 μ F 250WV 10% Ceramic tubular
C ₈	12pF 250WV 10% Ceramic tubular
C ₉	7pF 250WV 10% Ceramic tubular
C ₁₀	0.002 μ F 250WV 10% Ceramic tubular
C ₁₁	0.01 μ F 250WV 10% Ceramic tubular
C ₁₂	20 μ F 300WV electrolytic tlug terminal
C ₁₃	0.002 μ F 250WV 10% Ceramic tubular
C ₁₄	0.002 μ F 250WV 10% Ceramic tubular
C ₁₅	0.01 μ F 250WV 10% Ceramic tubular
C ₁₆	0.01 μ F 250WV 10% Ceramic tubular
C ₁₇	0.002 μ F 250WV 10% Ceramic tubular
C ₁₈	50pF 250WV 10% Ceramic tubular
C ₁₉	0.01 μ F 250WV 10% Ceramic tubular
C ₂₀	0.002 μ F 250WV 10% Ceramic tubular
C ₂₁	50pF 250WV 10% Ceramic tubular
C ₂₂	750pF 250WV 10% Mica tubular
C ₂₃	0.01 μ F 250WV 10% Ceramic tubular
C ₂₄	50pF 250WV 10% Ceramic tubular
C ₂₅	0.01 μ F 400WV 10% Oil tubular
C ₂₆	15pF 250WV 10% Ceramic tubular
C ₂₇	350pF 200WV 5% Mica tubular
C ₂₈	50pF 250WV 10% Ceramic tubular
C ₂₉	0.05 μ F 400WV 10% Oil tubular
C ₃₀	0.05 μ F 400WV 10% Oil tubular
C ₃₁	0.05 μ F 250WV 10% Ceramic tubular
C ₃₂	100pF 250WV 10% Ceramic tubular
C ₃₃	50pF 250WV 10% Ceramic tubular
C ₃₄	0.02 μ F 400WV 10% Oil tubular
C ₃₅	200 μ F 180WV electrolytic lug terminal
C ₃₆	200 μ F 180WV electrolytic lug terminal
C ₃₇	25 μ F 50WV electrolytic tubular
C ₃₈	200 μ F 25WV electrolytic tubular
C ₃₉	200 μ F 25WV electrolytic tubular
C ₄₀	25 μ F 25WV electrolytic tubular
C ₄₁	50 μ F 50WV electrolytic tubular
C ₄₂	0.005 μ F 400WV 10% Oil tubular
C ₄₃	0.01 μ F 400WV 10% Oil tubular
C ₄₄	0.001 μ F 400WV 10% Oil tubular
C ₄₅	300pF 50WV 5% Styrene tubular
C ₄₆	300pF 500WV 5% Mica tubular
C ₄₇	200pF 250WV 5% Mica tubular
C ₄₈	50pF 250WV 10% Ceramic tubular
C ₄₉	0.001 μ F 400WV 10% Oil tubular

PARTS LIST

Part No	Nomenclature		
C ₅₀	0.1 μ F	400WV 10%	Oil tublar
C ₅₁	0.003 μ F	400WV 10%	Oil tublar
C ₅₂	150 pF	250WV 10%	Ceramic tublar
C ₅₃	1500 pF	250WV 10%	Ceramic tublar
C ₅₄	80 pF	50WV 5%	Styrene tublar
C ₅₅	50 pF	250WV 10%	Ceramic tublar
C ₅₆	500 pF	50WV 5%	Styrene tublar
C ₅₇	1 μ F	150WV	electrolytic tublar
C ₅₈	1000 pF	250WV 10%	Ceramic tublar
C ₅₉	430 pF	50WV 5%	Styrene tublar
C ₆₀	0.003 μ F	400WV 10%	Oil tublar
C ₆₁	0.01 μ F	75WV 10%	mylar tublar
C ₆₂	3000 pF	500WV 5%	Mica tublar
C ₆₃	80 pF	50WV 5%	Styrene tublar
C ₆₄	500 pF	50WV 5%	Styrene tublar
C ₆₅	430 pF	50WV 5%	Styrene tublar
C ₆₆	30 μ F	10WV	electrolytic tublar
C ₆₇	30 μ F	10WV	electrolytic tublar
C ₆₈	0.01 μ F	75WV 10%	mylar tublar
C ₆₉	0.01 μ F	75WV 10%	mylar tublar
C ₇₀	30 μ F	12WV	electrolytic tublar
C ₇₁	30 μ F	12WV	electrolytic tublar
C ₇₂	30 μ F	10WV	electrolytic tublar
C ₇₃	30 μ F	10WV	electrolytic tublar
C ₇₄	0.04 μ F	75WV 10%	mylar tublar
C ₇₅	0.04 μ F	75WV 10%	mylar tublar
C ₇₆	0.013 μ F	75WV 10%	mylar tublar
C ₇₇	0.013 μ F	75WV 10%	mylar tublar
C ₇₈	0.05 μ F	75WV 10%	mylar tublar
C ₇₉	0.05 μ F	75WV 10%	mylar tublar
C ₈₀	30 μ F	10WV	electrolytic tublar
C ₈₁	30 μ F	10WV	electrolytic tublar
C ₈₂	10 μ F	12WV	electrolytic tublar
C ₈₃	10 μ F	12WV	electrolytic tublar
C ₈₄	150 pF	500WV 5%	Mica tublar
C ₈₅	150 pF	500WV 5%	Mica tublar
C ₈₆	0.02 μ F	75WV 10%	mylar tublar
C ₈₇	0.02 μ F	75WV 10%	mylar tublar
C ₈₈	20 μ F	300WV	electrolytic tublar
C ₈₉	30 μ F	6WV	electrolytic tublar
C ₉₀	30 μ F	6WV	electrolytic tublar
C ₉₁	40 μ F	300WV	electrolytic tublar
C ₉₂	0.03 μ F	400WV 10%	Oil tublar
C ₉₃	0.03 μ F	400WV 10%	Oil tublar
C ₉₄	150 pF	500WV 5%	Mica tublar
C ₉₅	150 pF	500WV 5%	Mica tublar
C ₉₆	0.001 μ F	400WV 10%	Oil tublar
C ₉₇	0.001 μ F	400WV 10%	Oil tublar
C ₉₈	0.003 μ F	400WV 10%	Oil tublar
C ₉₉	0.003 μ F	400WV 10%	Oil tublar
C ₁₀₀	0.02 μ F	75WV 10%	mylar tublar
C ₁₀₁	0.02 μ F	75WV 10%	mylar tublar
C ₁₀₂	20 μ F	300WV	electrolytic tublar
C ₁₀₃	200 pF	500WV 5%	Mica tublar
C ₁₀₄	200 pF	500WV 5%	Mica tublar
C ₁₀₅	200 pF	500WV 5%	Mica tublar

Part No	Nomenclature		
C ₁₀₆	200 pF	500WV 5%	Mica tublar
C ₁₀₇	0.01 μ F	400WV 10%	Oil tublar
C ₁₀₈	0.01 μ F	400WV 10%	Oil tublar
C ₁₀₉	0.02 μ F	400WV 10%	Oil tublar
C ₁₁₀	0.02 μ F	400WV 10%	Oil tublar
C ₁₁₁	0.015 μ F	75WV 10%	mylar tublar
C ₁₁₂	0.015 μ F	75WV 10%	mylar tublar
C ₁₁₃	0.003 μ F	400WV 10%	Oil tublar
C ₁₁₄	0.003 μ F	400WV 10%	Oil tublar
C ₁₁₅	0.003 μ F	400WV 10%	Oil tublar
C ₁₁₆	0.003 μ F	400WV 10%	Oil tublar
C ₁₁₇	20 μ F	350WV	electrolytic Lug terminal
C ₁₁₈	150 pF	500WV 5%	Mica tublar
C ₁₁₉	150 pF	500WV 5%	Mica tublar
C ₁₂₀	40 μ F	350WV	electrolytic Lug terminal
C ₁₂₁	0.1 μ F	400WV 10%	Oil tublar
C ₁₂₂	0.1 μ F	400WV 10%	Oil tublar
C ₁₂₃	0.1 μ F	400WV 10%	Oil tublar
C ₁₂₄	0.1 μ F	400WV 10%	Oil tublar
C ₁₂₅	25 pF	500WV 10%	Mica tublar
C ₁₂₆	25 pF	500WV 10%	Mica tublar
C ₁₂₇	20 μ F	350WV	electrolytic Lug terminal
C ₁₂₈	20 μ F	350WV	electrolytic Lug terminal
T ₁	MFC-1	19Kc/s	46mH $\pm$ 20%
T ₂	MPT-2A	19Kc/s	7mH $\pm$ 20%
T ₃	MPT-2B	38Kc/s	7mH $\pm$ 20%
T ₄	MFC-2	67Kc/s	25mH $\pm$ 20%
T ₅	1st FM IF transformer	10.7Mc/s	
T ₆	2nd FM IF transformer	10.7Mc/s	
T ₇	3rd FM IF transformer	10.7Mc/s	
T ₈	FM Discriminator transformer	(10.7Mc/s)	
T ₉	1st AM IF transformer	455Kc/s	
T ₁₀	2nd AM IF transformer	455Kc/s	
T ₁₁	Out put transformer primary	4.3K Ω	
	Secondary	8 Ω 16 Ω 32 Ω	
T ₁₂	Out put transformer Primary	4.3K Ω	
	Secondary	8 Ω 16 Ω 32 Ω	
T ₁₃	Power transformer		
L ₁	FM antenna coil		
L ₂	FM Plat-coil		
L ₃	FM oscillator coil		
L ₄	AM Loopstick antenna coil		
L ₅	AM oscillator		
V ₁	Vacuum tube	6AQ8	
V ₂	Vacuum tube	6BA6	
V ₃	Vacuum tube	6BA6	
V ₄	Vacuum tube	6BA6	
V ₅	Vacuum tube	6BE6	
V ₆	Vacuum tube	6BA6	
V ₇	Vacuum tube	6GE12A	
V ₈	Vacuum tube	12AT7	

Part No	Nomenclature
	Vacuum tube
V ₉	Vacuum tube 6BL8
V ₁₀	Vacuum tube 12AU7
V ₁₁	Vacuum tube 6AQ8
V ₁₂	Vacuum tube 6BM8
V ₁₃	Vacuum tube 6BM8
V ₁₄	Vacuum tube 6AQ8
V ₁₅	Vacuum tube 6BM8
V ₁₆	Vacuum tube 6BM8
S.D.	Si. diode input AC 120V outout DC 500mA -55°C ~ +150°C
OA-81	Ge. Diode-VDM 115V ID 50mA + 75°C -55°C
D	Selenium Rectifier
IS-352	Variable capacitor
Tr ₁	transistor 2SB-381-2A
Tr ₂	transistor 2SB-381-2B
Tr ₃	transistor 2SB-381-2A
Tr ₄	transistor 2SB-381-2B
JC ₁	Power Switch connector for 100V/114V/240V
JC ₂	D. I. N Jack (tape Recoder connector)

Part No	Nomenclature
JC ₃	Headset Jack
PL	pilot Lamp 6.3V 0.15A
RELAY	587-313-MB DC 6mA
SS ₁	AFC Switch Slide type
SS ₂	Power Switch Slide type
SS ₃	MAG, X-TAL Change over Switch Slide type
SS ₄	Tape Monitor Switch Slide type
SS ₅	Loudness Switch Slide type
SS ₆	Scratch Switch Slide type
SS ₇	Rumble Switch Slide type
S ₁ S ₂ S ₃	Selector Switch
S ₄ S ₅	Mode Switch
F	FUSE
VC ₁	Variable Capacity (FM. Tuning)
VC ₂	Variable Capacity (FM. oscillator)
VC ₃	Variable Capacity (AM. Tuning)
VC ₄	Variable Capacity (AM. oscillator)
TC ₁	trimmer condenser
TC ₂	trimmer condenser
TC ₃	trimmer condenser
TC ₄	trimmer condenser
TC ₅	padding condenser

AM ALIGNMENT PROCEDURE

STEP	ALIGN.	GENERATOR	FEED SIGNAL	OUTPUT INDICATOR	DIAL SETTING	ADJUST	ADJUST FOR
1.	IF Trans-former	455 KC ± 30KC sweep	Pin 7 6BE6	oscilloscope at ③		1st I.F.T.-- Primary & secondary 2nd I.F.T.-- Primary & secondary	Best I.F.T. Wave form
2.	OSC.	600 KC 400c/s 30 % Modulation	Antenna Terminals	oscilloscope & VTVM at output load	600KC	OSC. coil	Maximum
3.	OSC.	1400 KC 400c/s 30 % Modulation	Same	Same	1400KC	OSC. Trimmer	Maximum
4.		Reiterate 2. 3.					
5.	RF Amp.	600KC 400c/s 30 % Modulation	Antenna Terminals	oscilloscope & V.T.V.M. at output load	600 KC	RF coil	Maximum
6.	RF Amp.	1400 KC 400c/s 30 % Modulation	Same	Same	1400 KC	RF Trimmer	Maximum

ALIGNMENT

FM ALIGNMENT PROCEDURE

1. AFC-OFF

2. Turn tuning gang fully

Center carrier wave.

Set pointer at reference mark.

STEP	ALIGN.	GENERATOR	FEED SIGNAL	OUTPUT INDICATOR	DIAL SETTING	ADJUST	ADJUST FOR
1.	IF Transformer	10.7 MC ±400 KC sweep	Couple sweep signal by a round tube (6AQ8)	oscilloscope at ①		1st IFT Secondary 2nd IFT Primary & 3rd IFT Primary & secondary	Best IFT Wave form
2.	Discriminator	Same	Same	oscilloscope at ②		Discriminator Transformer	S Curve
3.	OSC.	90 MC 400c/s 30% Modulation	Antenna Terminals	oscilloscope & V.T.M. at oscillo load	90 MC	OSC. coil	Maximum
4.	OSC.	104 MC 400c/s 30% Modulation	Same	Same	104 MC	OSC. Trimmer	Maximum
5.		Reiterate 3. 4					
6.	RF Amp.	90 MC 400c/s 30% Modulation	Antenna Terminal	oscilloscope & V.T.V.M. at oscillo. load	90 MC	RF Amp. coil	Maximum
7.	RF Amp.	104 MC 400c/s 30%	Same	Same	104 MC	RF trimmer	Maximum
8.		Reiterate 6 7					

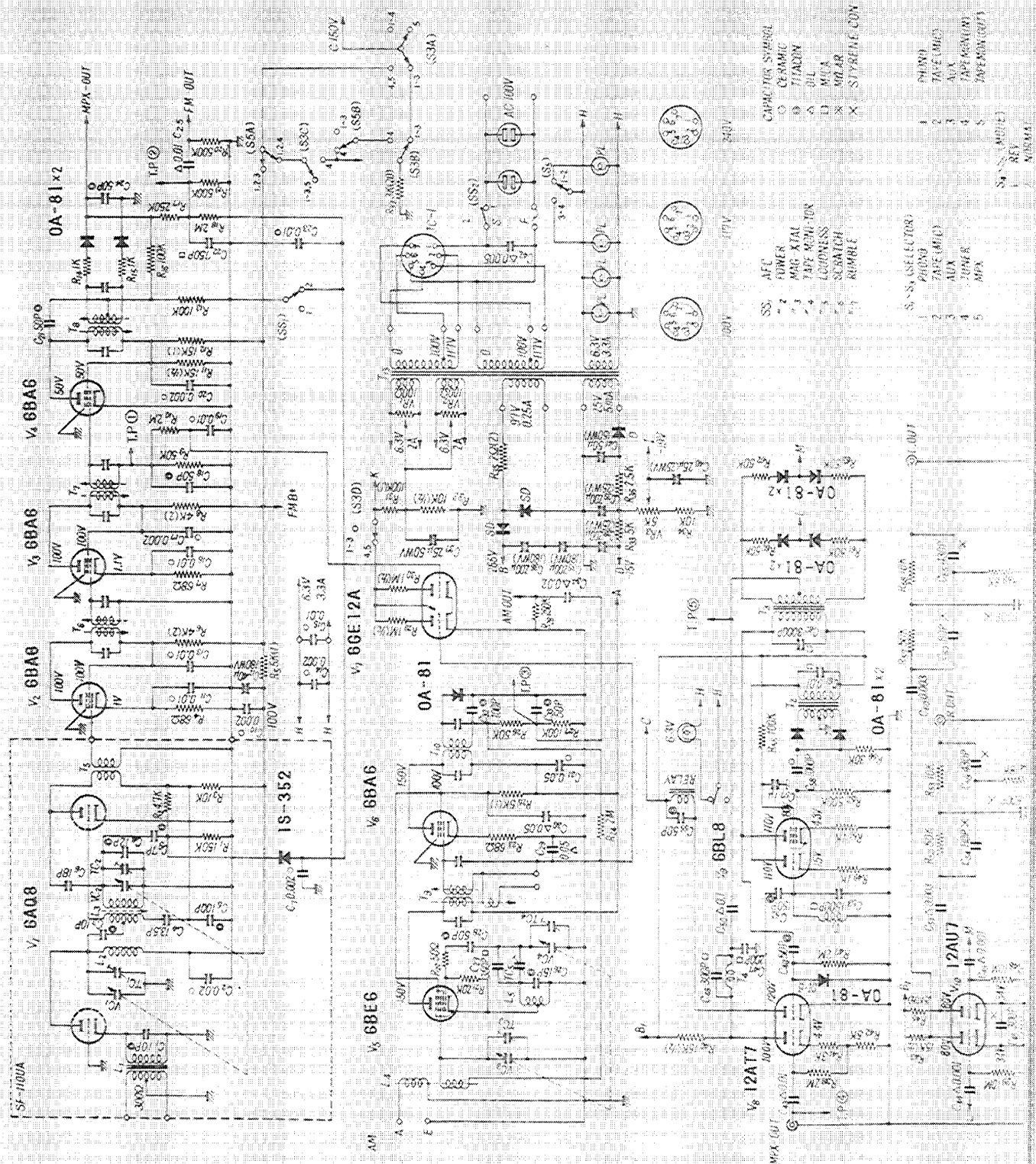
MULTIPLEX ALIGNMENT PROCEDURE

1. Do not attempt to align the Multiplex Circuit unless the following equipment is available:

- a. Multiplex Stereo Generator
- b. FM Signal Generator
- c. Oscilloscope
- d. Sweep Generator
- e. AC V.T.V.M
- f. Audio oscillator

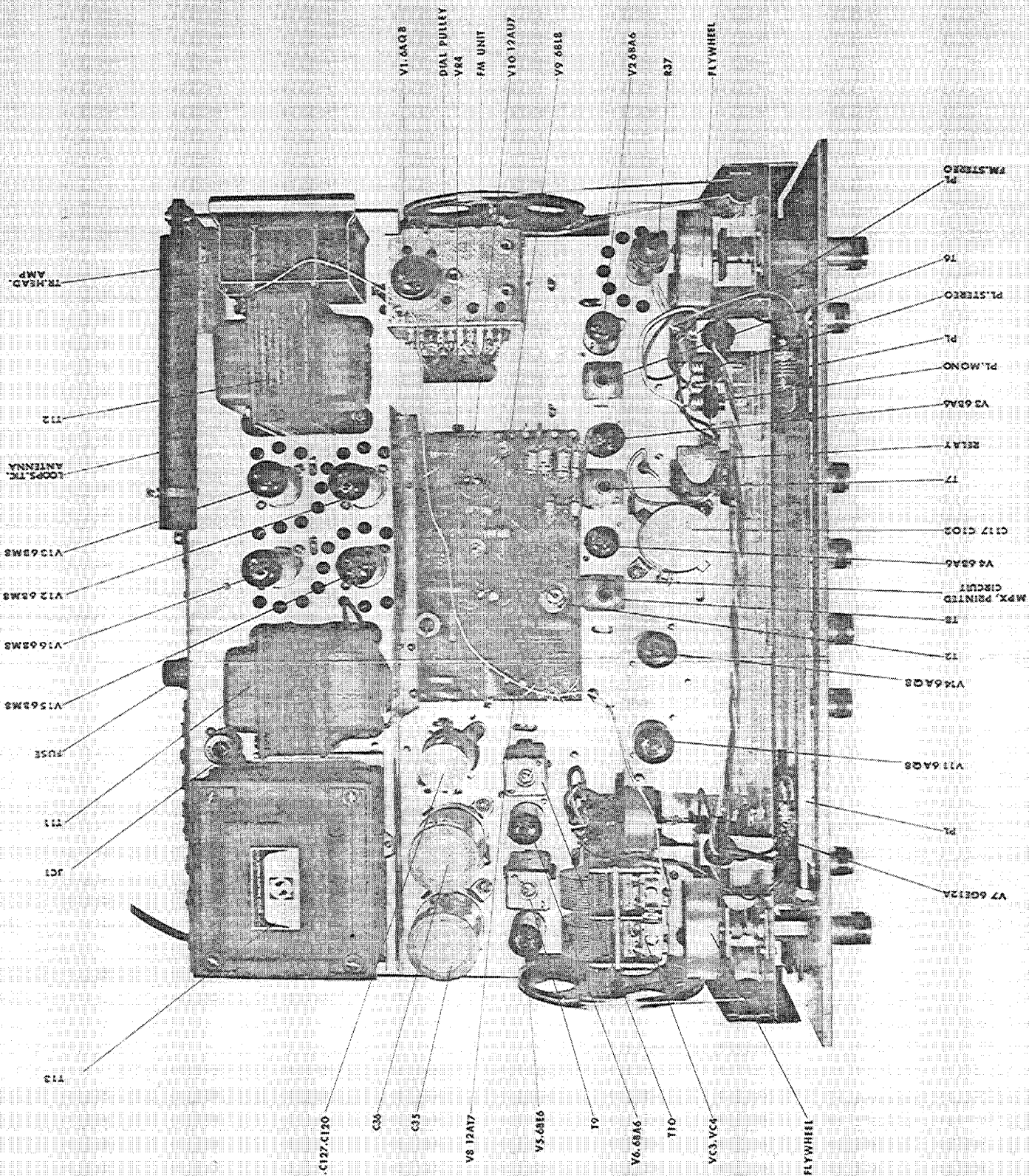
STEP	ALIGN.	GENERATOR	FEED SIGNAL	OUTPUT INDICATOR	ADJUST	ADJUST FOR
1.	67 KC Trap	67 KC Audio Signal	Connect to ④	V.T.V.M. at ⑤	T4	Minimum
2.	19 KC Transformer	FM Signal Gen. Modulated 30 % by Stereo Gen. sub-Channel	Antenna Terminals Tune to signal	V.T.V.M. & oscilloscope at Output load	T1	Maximum
3.	19 KC Transformer	same	same	same	T2	Maximum
4.	38 KC Transformer	same	same	same	T3	Maximum
5.	Separation Volume	FM Signal Gen. Modulated 30 % by Stereo Signal Gen. Channel A	Same	V.T.V.M. oscilloscope at out put load Channel B	Separation Volume	Channel A Minimum

SCHEMATIC DIAGRAM

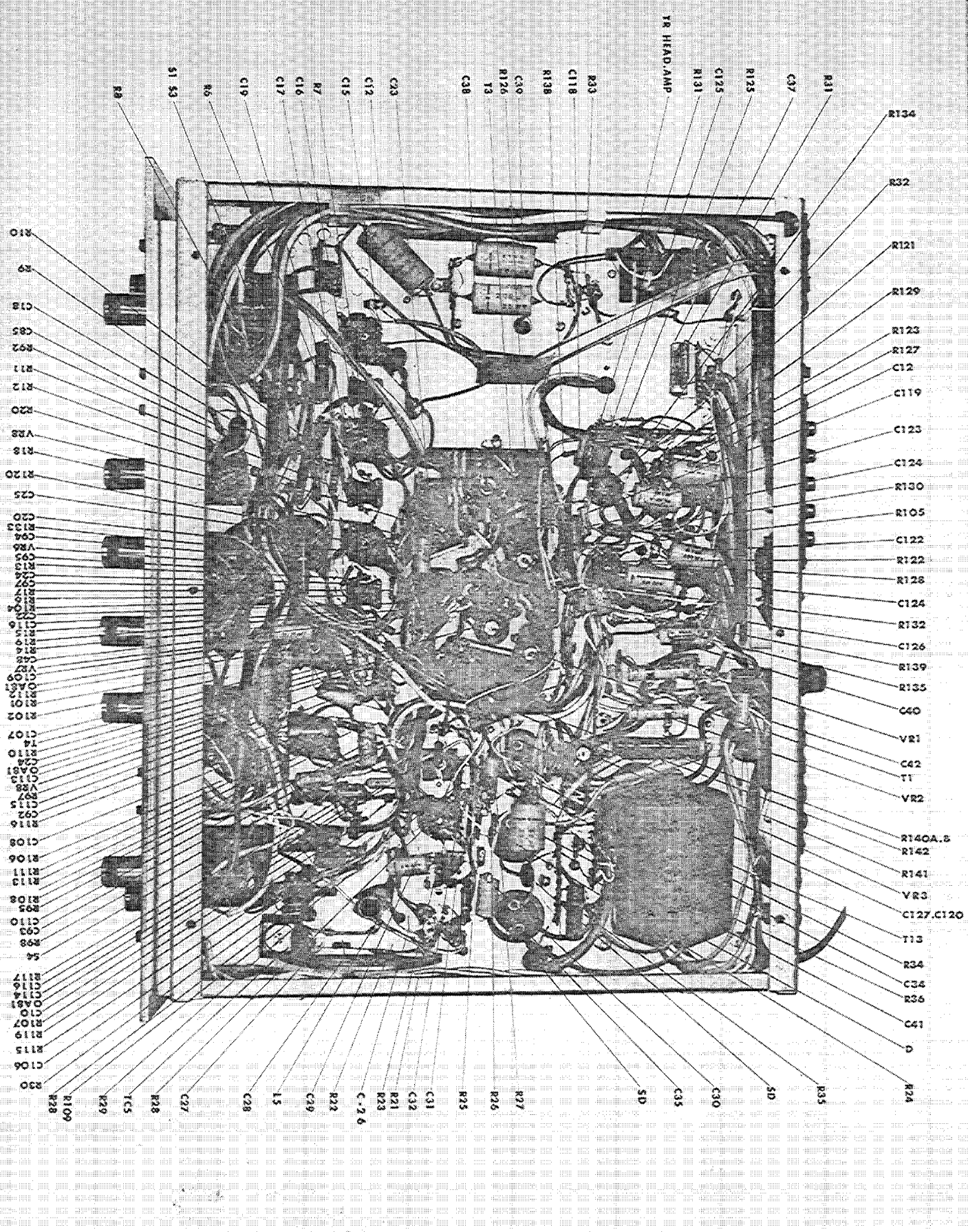




CHASSIS TOP VIEW



CHASSIS BOTTOM VIEW



SPECIFICATIONS

• Tubes and Semicon Complement:

3-6AQ8, 1-6BE6, 4-6BA6, 4-6BM8,
1-12AU7, 1-6BL8, 12AT7, 1-6GE12A
4-2SB-51 (Transistors), 10-OA81 (Ge
Diodes), 2-SE-0.5A (Si Diodes),
1-TC-0.2P (Se Rectifier)
IS-352 (Variable capacitor)

• Power Amplifier

Output Max.: 46 watts total, 23 watts each channel
Frequency Response: 30 to 70,000 cps ± 2 db
Harmonic Distortion: less than 1% at 13 watts each
channel

Output Impedances: 8, 16 and 32 ohms each channel

• Preamplifier, each channel

Gain: PHONO: [MAG]: 78 db
[X-TAL]: 51.5 db

TAPE(MIC): 83 db

AUX: 49 db

Equalizer: NF type: PHONO (RIAA),
TAPE (BTS).

Tone Control: CR type
at 50 c/s : ± 12 db to -16 db
at 10Kc/s : ± 10 db to -14 db

Loudness Control: by switch adjustment
Rumble filter: by switch adjustment
Tape monitor: by switch adjustment

• FM Tuners

Frequency Range: 88 to 108 MC
Band Width: 200 Kc/s (-3 db)
IF: 10.7 Mc/s
De-Emphasis Characteristics: 75 μ s IHFM
Sensitivity: 1.7 μ V (at 30db S/N Ratio 0.5W)

• Built-in Multiplex

Frequency Reception: 50 c/s—15Kc/s -2 db
Channel Separation: 30 db at 1V input (at 1Kc/s)
Distortion: less than 1% at 0.3V input

• AM Tuners

Frequency Range: 535 to 1605Kc/s
Band Width: 6K c/s (-3 db)
IF: 455Kc/s
Sensitivity: 50 μ V IHFM

• Power Consumption:

Power Supply: 120VA
117V AC or 240V AC 50—60 c/s

• Cabinet Dimensions:

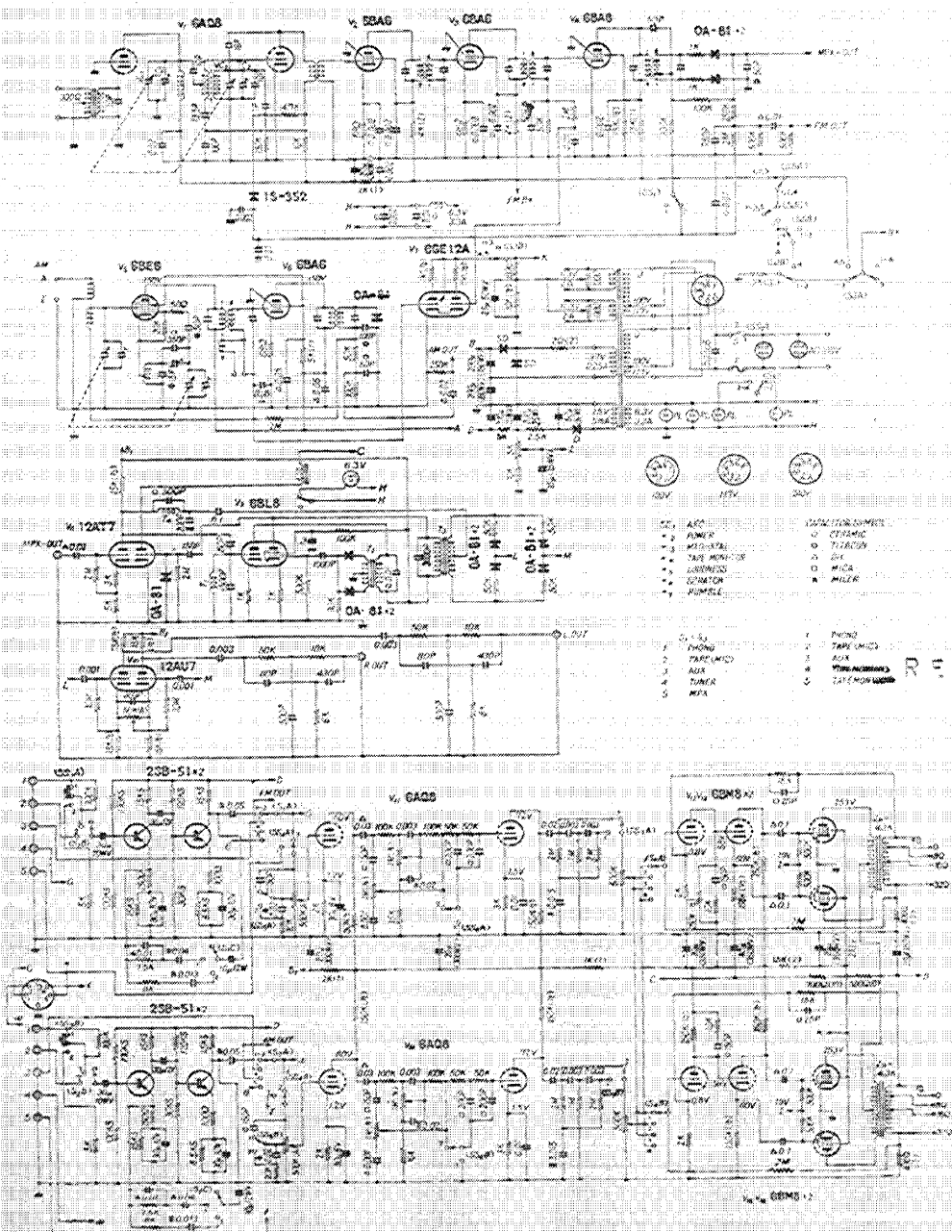
460 $\times$ 362 $\times$ 156 mm

18 $\frac{1}{4}$ " $\times$ 14 $\frac{1}{4}$ " $\times$ 6 $\frac{1}{4}$ " inc.

• Weight:

36.7 lbs.

SCHEMATIC DIAGRAM



SANSUI ELECTRIC CO., LTD.

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