

ADDITIONAL

 PIONEER®

Service Manual

AM/FM STEREO RECEIVER

SX-890

KU

SX-880

KC
S
S/G

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MODEL SX-890/KU

Although the basic features of models SX-880/KU and SX-890/KU are the same, there are a few minor changes in design. For servicing of the SX-890/KU please refer to the SX-880/KU service manual with exception of descriptions in this supplement.

CONTRAST OF MISCELLANEOUS PARTS

Symbol	Part Name	Part No.	
		SX-880/KU	SX-890/KU
	Front panel assembly	ANB-611	ANB-617
	Dial panel	AAG-162	AAG-167
	Packing case	AHD-565	AHD-574
	Operating instructions	ARB-272	ARB-293

MODEL SX-880

MODEL SX-880 COMES IN FOUR VERSIONS DISTINGUISHED AS FOLLOWS:

Type	Voltage	Remarks
KU	120V only	U.S.A. model
KC	120V only	Canada model
S	110V, 120V, 220V and 240V (Switchable)	General export model
S/G	110V, 120V, 220V and 240V (Switchable)	U.S. Military model

The variations in safety standards in different countries has also necessitated variations in power supply and circuit component specifications. Furthermore, the difference in pre-emphasis characteristics employed by FM broadcasting stations has also meant variations in de-emphasis circuit time constant.

CONTRAST OF MISCELLANEOUS PARTS

ASSEMBLIES

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
	Fuse assembly	AWR-171	AWR-174	.....	AWR-175
	5P connector assembly	.....	.....	AWX-062	AWX-062

TRANSFORMER

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
T2	Power transformer	ATT-513	ATT-518	ATT-522	ATT-522

SWITCHES

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
S10	Slide (DE-EMPHASIS)	ASH-016	ASH-016	ASH-019	ASH-019
S11	Lever (POWER)	ASK-507 (ASK-066)	ASK-066	ASK-508 (ASK-097)	ASK-508 (ASK-097)
S12	Plug in selector (with fuse holder)	.....	.....	AKR-031	AKR-031

CAPACITORS

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
C1	Ceramic 0.01 250V	ACG-001	.....	ACG-001	ACG-001
	Ceramic 0.01 125V	.....	ACG-014	.....	.....
C4	Ceramic 0.01 250V	.....	.....	ACG-001	ACG-001

PACKING AND FURNISHED PARTS

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
	Packing case	AHD-565	AHD-566	AHD-565	AHD-567
	Cardboard spacer	.....	.....	.....	AHB-096
	Operating instructions	ARB-272	ARB-272	ARB-273	ARB-273
	Fuse 5A	.....	.....	AEK-108	AEK-108
	Fuse 2.5A	.....	.....	AEK-102	AEK-102
	Vinyl pouch (for fuses)	.....	.....	E11-033	E11-033

RESISTOR

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
R2	Carbon composition	ACN-029	ACN-029	.....	.....

FUSES

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
FU1	Fuse 2A	AEK-103	AEK-103	.....	AEK-103
	Fuse 2.5A	.....	.....	AEK-102	.....
	Fuse 5A	.....	.....	(AEK-108)	.....
FU2	Fuse 1A	AEK-106	AEK-106	.....	AEK-106
FU3	Fuse 1A	AEK-106	AEK-106	.....	AEK-106
FU4	Fuse 5A (for 110, 120V)	AEK-108	AEK-108	.....	AEK-108
	Fuse 2.5A (for 220, 240V)	.....	.....	.....	(AEK-102)

OTHERS

Symbol	Part Name	Part No.			
		SX-880/KU	SX-880/KC	SX-880/S	SX-880/S/G
	AC power cord	ADG-023	ADG-011	ADG-017	ADG-017
	AC socket (AC OUTLETS)	AKP-004	AKP-004	AKP-019	AKP-019
	Wooden cover	AMM-072	AMM-075	AMM-072	AMM-072
	Capacitor cover (for C1)	AEC-294	AEC-365	AEC-294	AEC-294
	Capacitor cover (for C4)	.....	.....	AEC-294	AEC-294

MODEL SX-880/KC

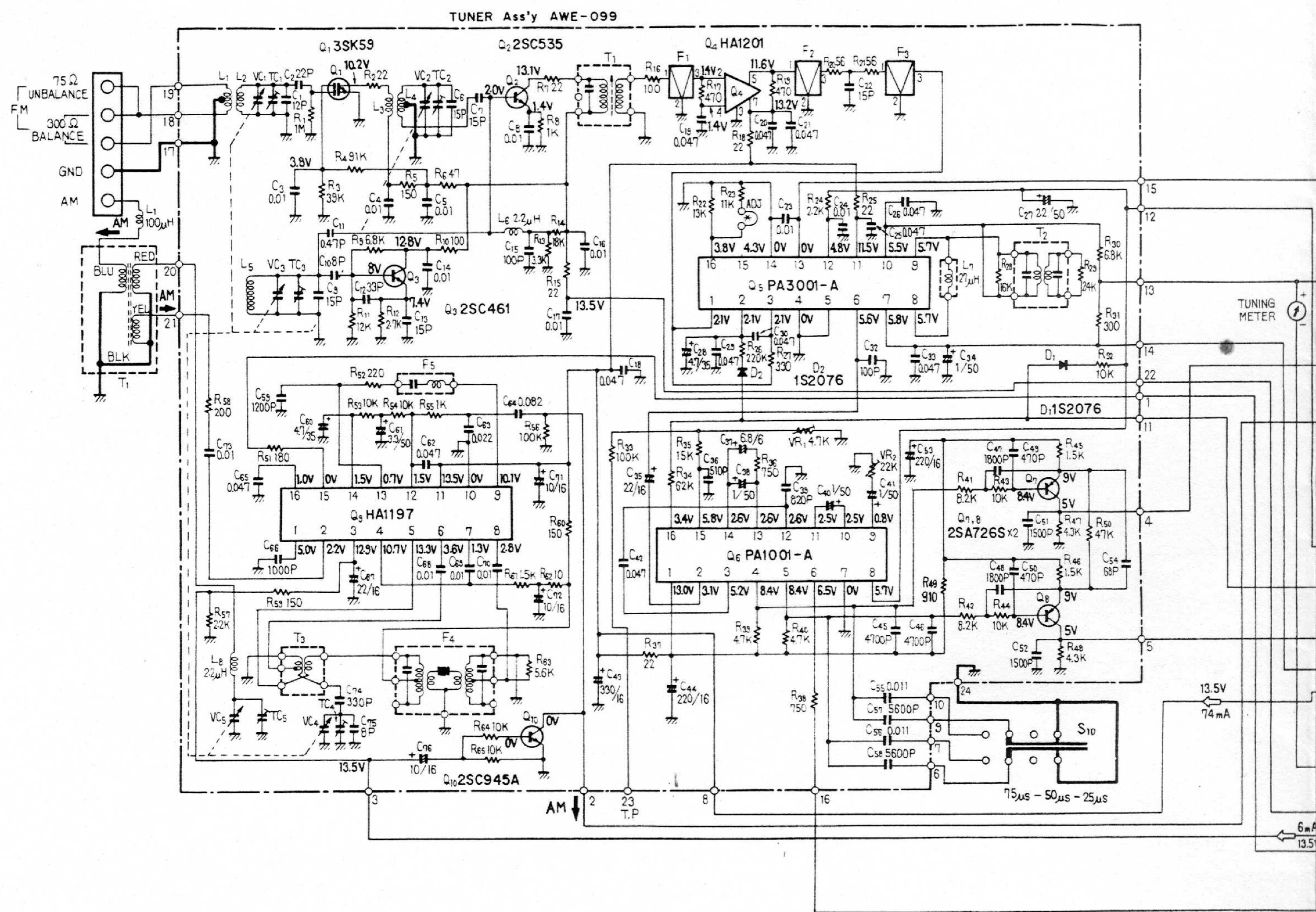
The circuitry of the SX-880/KC is the same as the SX-880/KU.

FUSE ASSEMBLY (AWR-174)

The circuitry of the Fuse assembly AWR-174 is the same as the AWR-171 (for SX-880/KU), with exception of the C1 as follows:

Symbol	Description	Part No. (for AWR-171)	Part No. (for AWR-174)
C1	Ceramic capacitor 0.01 μ F 125V	ACG-003	ACG-014

SCHEMATIC DIAGRAM FOR S, S/G TYPES



SWITCHES:

- S₁ FUNCTION
1 AM
2 FM
3 PHONO
4 AUX

- S₂ TAPE MONITOR
1 - SOURCE - 2

- S₃ TAPE DUPLICATE
OFF - ON

- S₄ MODE
STEREO - MONO

- S₅ LOUDNESS
OFF - ON

- S₆ LOW FILTER
OFF - 15 Hz

- S₇ PROTECTION RELAY
OFF - ON

- S_{8-a} SPEAKER A
OFF - ON

- S_{8-b} SPEAKER B
OFF - ON

- S₉ FM MUTING
ON - OFF

- S₁₀ DE-EMPHASIS
75 μs - 50 μs - 25 μs

- S₁₁ POWER
OFF - ON

- S₁₂ LINE VOLTAGE SELECTOR
110V - 120V - 220V - 240V

RESISTORS:

IN OHM 1/4W ±5% TOLERANCE UNLESS OTHERWISE NOTED K: KΩ M: MΩ

(F): ±1% TOLERANCE

CAPACITORS:

IN μF UNLESS OTHERWISE NOTED p: pF

V: SIGNAL VOLTAGE AT 60W+60W 8Ω OUTPUT (1kHz)

V: DC VOLTAGE AT NO INPUT SIGNAL

mA: DC CURRENT AT NO INPUT SIGNAL

(V): DC VOLTAGE AT 60W OUTPUT

This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

