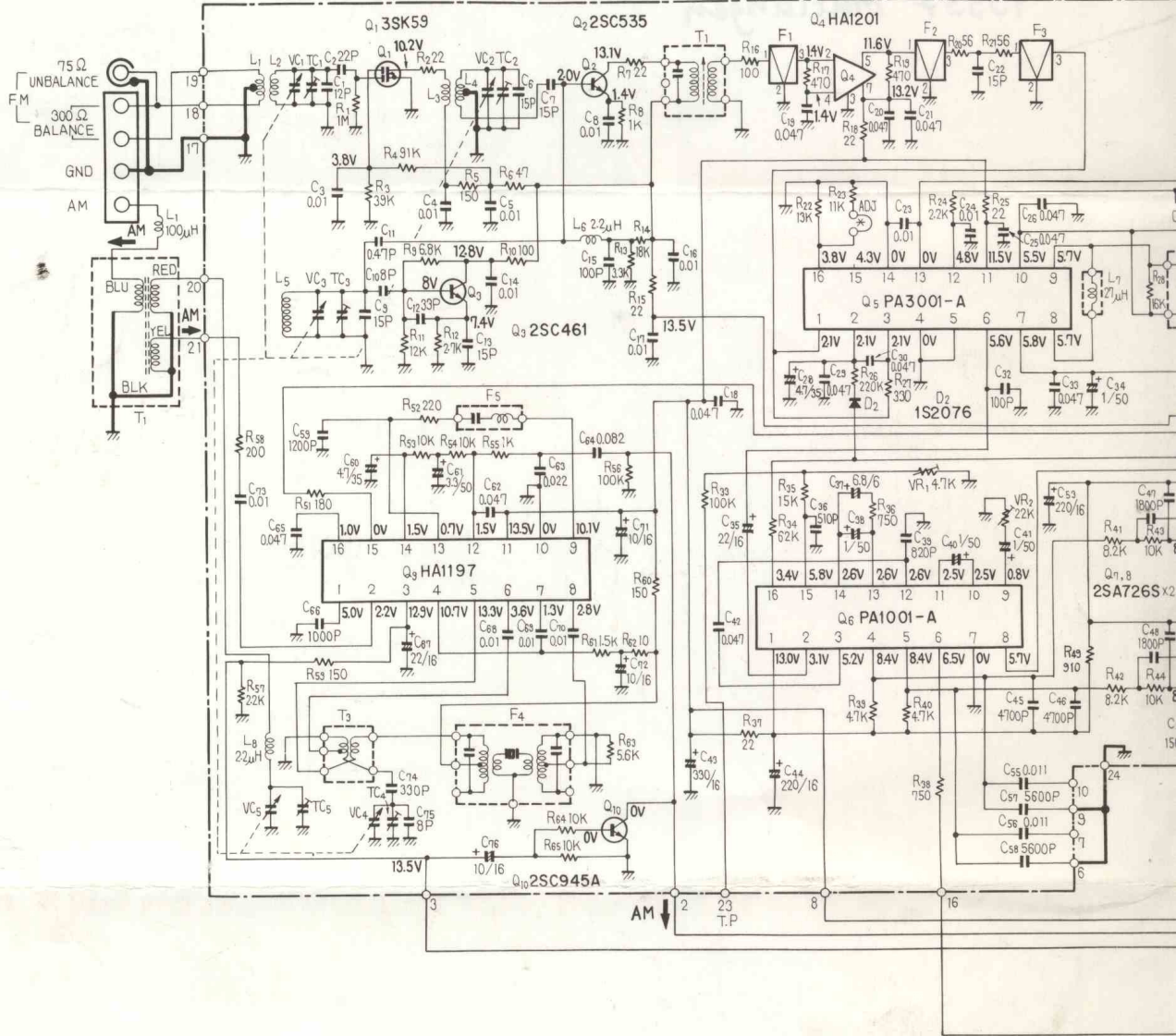


# SX-890

HG, HGW4

TUNER Ass'y AWE-099



**SWITCHES:**

- S<sub>1</sub> FUNCTION
  - 1 AM
  - 2 FM
  - 3 PHONO
  - 4 AUX
- S<sub>2</sub> TAPE MONITOR
  - 1 - SOURCE - 2
- S<sub>3</sub> TAPE DUPLICATE
  - OFF - ON
- S<sub>4</sub> MODE
  - STEREO - MONO

- S<sub>5</sub> LOUDNESS
  - OFF - ON
- S<sub>6</sub> LOW FILTER
  - OFF - 15Hz
- S<sub>7</sub> PROTECTION RELAY
  - OFF - ON
- S<sub>8-a</sub> SPEAKER A
  - OFF - ON
- S<sub>8-b</sub> SPEAKER B
  - OFF - ON

- S<sub>9</sub> FM MUTING
  - ON - OFF
- S<sub>10</sub> LINE VOLTAGE SELECTOR
  - 220V - 240V
- S<sub>11</sub> POWER
  - OFF - ON

**RESISTORS:**

IN OHM 1/4W ±5% TOLERANCE UNLESS NOTED  
(F) : ±1% TOLERANCE

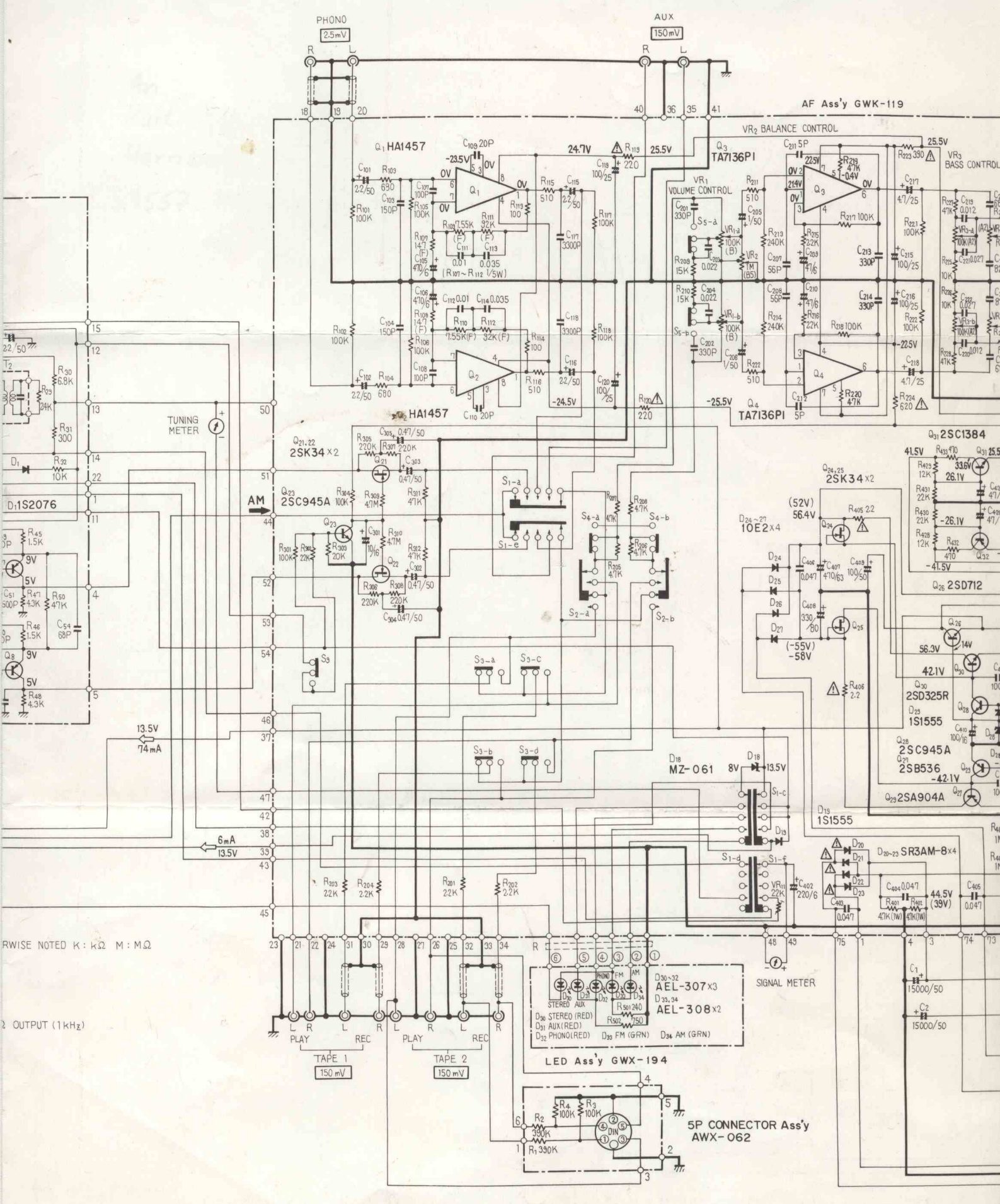
**CAPACITORS:**

IN μF UNLESS OTHERWISE NOTED p : pF

- V : SIGNAL VOLTAGE AT 60W +60W
- 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.

The  $\Delta$  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.



AF Ass'y GWK-119

VR<sub>2</sub> BALANCE CONTROL

VR<sub>3</sub> BASS CONTROL

TUNING METER

(52V) 56.4V

(-55V) -58V

SIGNAL METER

LED Ass'y GWX-194

5P CONNECTOR Ass'y AWX-062

UNLESS NOTED K: kΩ M: MΩ

2 OUTPUT (1kHz)

PHONO  
2.5mV

AUX  
150mV

AM

TAPE 1  
150mV

TAPE 2  
150mV

D<sub>30</sub>-32 AEL-307x3  
D<sub>33</sub>,34 AEL-308x2

D<sub>30</sub> STEREO (RED)  
D<sub>31</sub> AUX (RED)  
D<sub>32</sub> PHONO (RED)  
D<sub>33</sub> FM (GRN)  
D<sub>34</sub> AM (GRN)

Q<sub>31</sub> 2SC1384

Q<sub>24</sub>,25 2SK34 x2

Q<sub>23</sub> 2SC945A

Q<sub>22</sub> 2SC945A

Q<sub>21</sub> 2SC945A

Q<sub>20</sub> 2SC945A

Q<sub>19</sub> 2SC945A

Q<sub>18</sub> 2SC945A

Q<sub>17</sub> 2SC945A

Q<sub>16</sub> 2SC945A

Q<sub>15</sub> 2SC945A

Q<sub>14</sub> 2SC945A

Q<sub>13</sub> 2SC945A

Q<sub>12</sub> 2SC945A

Q<sub>11</sub> 2SC945A

Q<sub>10</sub> 2SC945A

Q<sub>9</sub> 2SC945A

Q<sub>8</sub> 2SC945A

Q<sub>7</sub> 2SC945A

Q<sub>6</sub> 2SC945A

Q<sub>5</sub> 2SC945A

Q<sub>4</sub> 2SC945A

Q<sub>3</sub> 2SC945A

Q<sub>2</sub> 2SC945A

Q<sub>1</sub> 2SC945A

Q<sub>0</sub> 2SC945A

