

SAKURA

OPERATING MANUAL

AV-5023

5 CHANNEL KARAOKE AMPLIFIER



SAFETY INSTRUCTION

1. Make sure that all connections are properly connected and the main volume is set to minimum level before turning on the unit.
2. When more than one pair of speaker is used, (specially the main speaker output) make sure that the speakers used are of the same wattage and impedance, other wise the unit may be damaged under high power of long term operation.
3. To avoid humming sounds and unwanted noise, make sure that all the wires are properly inserted.
4. For speaker cords, strip off the vinyl coating and twist the wire tip. Push down the pink jack or loosen the screw terminal, before inserting the wire tip, then fasten it and tighten the screw, Be careful not to let the wires stick out of the terminal other wise this may cause a short circuit when wires of different terminal contact each other.
5. After the unit is turned on, adjust the main volume to the desired level, same is true with the bass and treble volume, etc.

AV-5023

SPECIFICATIONS

POWER REQUIREMENTSAC 200-240V 60Hz

MAIN AMPLIFIER:

Power Output 550W+550W(NS@8 Ω)

Frequency Response 20Hz-20KHz(± 1.5 dB)

Max.Input Capability ≤ 200 mV/47K

S/N ≥ 90 dB

Distortion $\leq 0.08\%$

Load Impedance 8 Ω

Mic.Input Sensitivity 5mV/600 Ω

Echo 20-160mS

CONTROLS AND FILTER:

Bass 100Hz ± 10 dB

Treble 10KHz ± 10 dB

SURROUND:

Frequency Response 100Hz-15KHz(± 3 dB)

Power Output 35W+35W

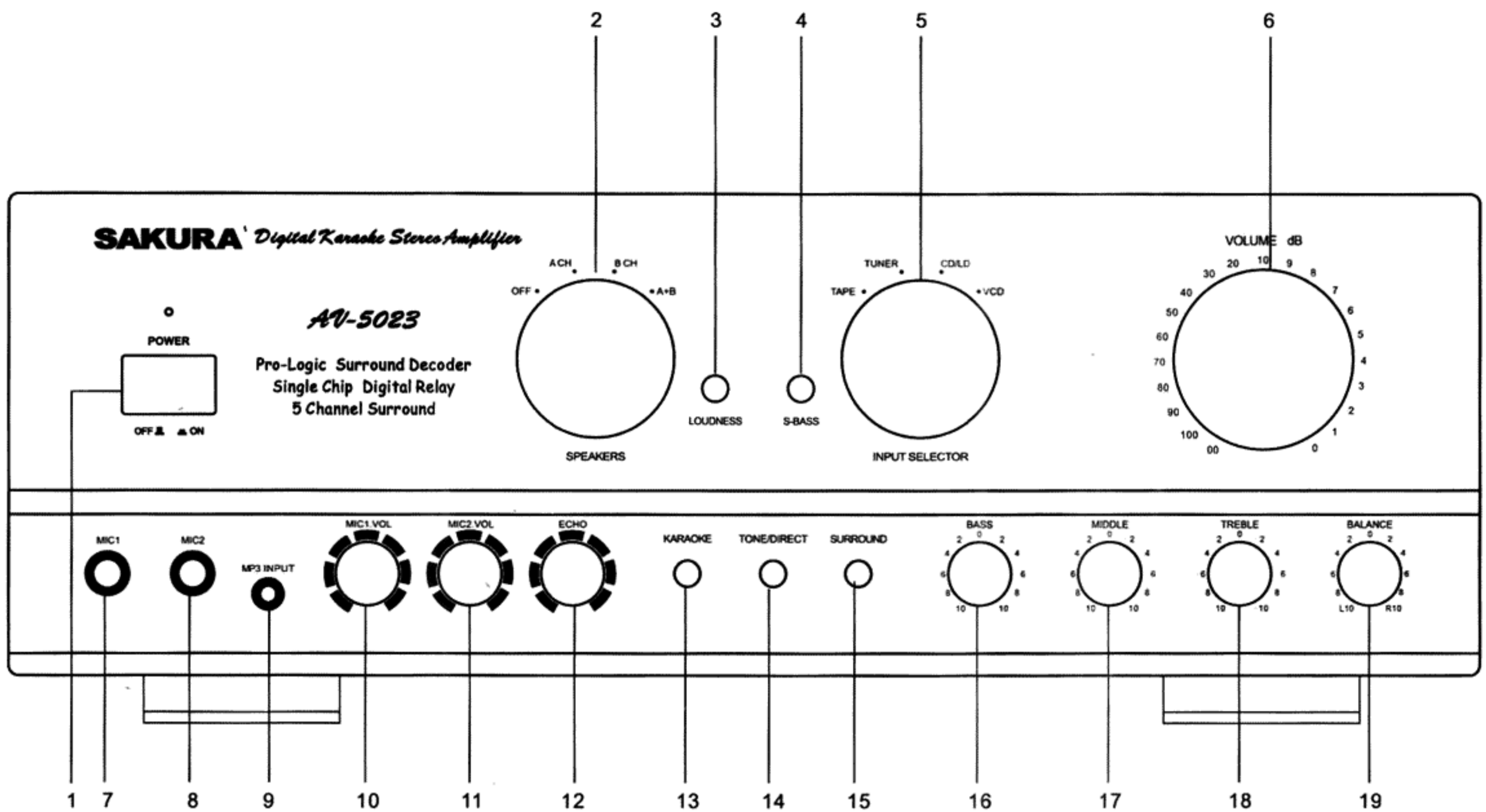
Load Impedance 8 Ω

CENTER:

Frequency Response 150Hz-12KHz(± 3 dB)

Power Output 40W

Load Impedance 8 Ω



1. POWER SWITCH

Press this switch to turn on/off unit's power.

2. SPEAKER SELECTOR

Use this knob to select speaker connected to speaker terminal A & B, or both.

3. LOUDNESS

Press this button to boost low and high tone.

4. SUPER BASS

Press this button to enable sub-bass out.

5. INPUT SELECTOR

Use this knob to select from TAPE, TUNER, CD, VCD input source.

6. MASTER VOLUME

This is used to adjust the main volume of the amplifier. Be sure to turn volume down when switching the power.

7. MIC1 SOCKET

Microphone input 1.

8. MIC2 SOCKET

Microphone input 2.

9. MP3

MP3 input

10. MIC1 VOLUME

This is used to adjust the MIC1 volume.

11. MIC2 VOLUME

This is used to adjust the MIC2 volume.

12. ECHO

This is used to emphasize MIC echo.

13. KARAOKE

Press this switch to enable karaoke mode.

14. TONE/DIRECT

Press this switch to turn on music tone.

15. SURROUND

Press this switch to enable surround speaker.

16. BASS

To emphasize and attenuate bass tone.

17. MIDDLE

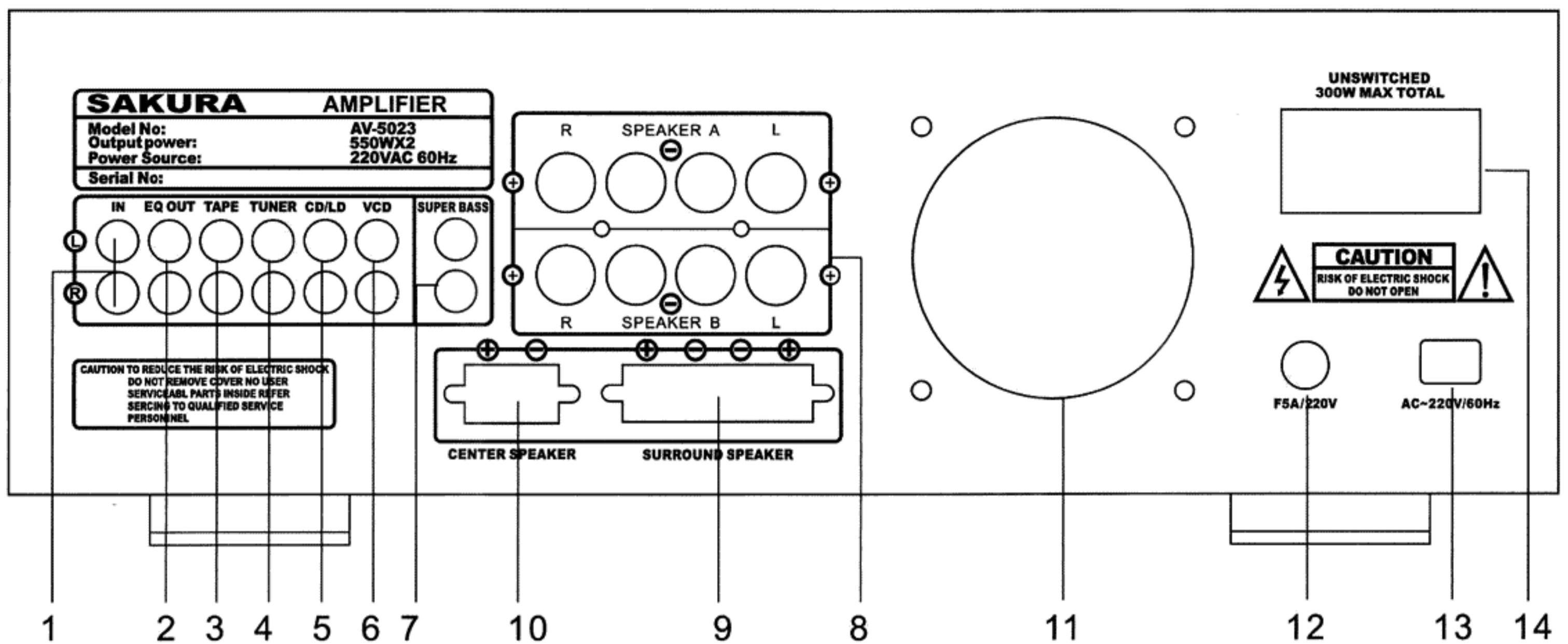
To emphasize and attenuate mid tone.

18. TREBLE

To emphasize and attenuate treble tone.

19. BALANCE

To balance sounds from left to right.



1. EQ INPUT

Connect this terminal to EQ output.

2. EQ OUTPUT

Connect this terminal to EQ input.

3. TAPE INPUT

Connect this terminal to TAPE output.

4. TUNER INPUT

Connect this terminal to TUNER output.

5. CD/LD INPUT

Connect this terminal to CD/LD output.

6. VCD INPUT

Connect this terminal to VCD output.

7. BASS OUT

Connect this to sub-bass amplifier input.

8. SPEAKER A&B

Connect 8 Ω speaker A& B to this terminal.

9. SURROUND SPEAKER

Connect 8 Ω surround speaker to this terminal.

10. CENT SPEAKER

Connect 8 Ω cent speaker to this terminal.

11. FAN

This blowerfan will start to cool the system when the temperature of the machine is 45°C.

12. FUSE

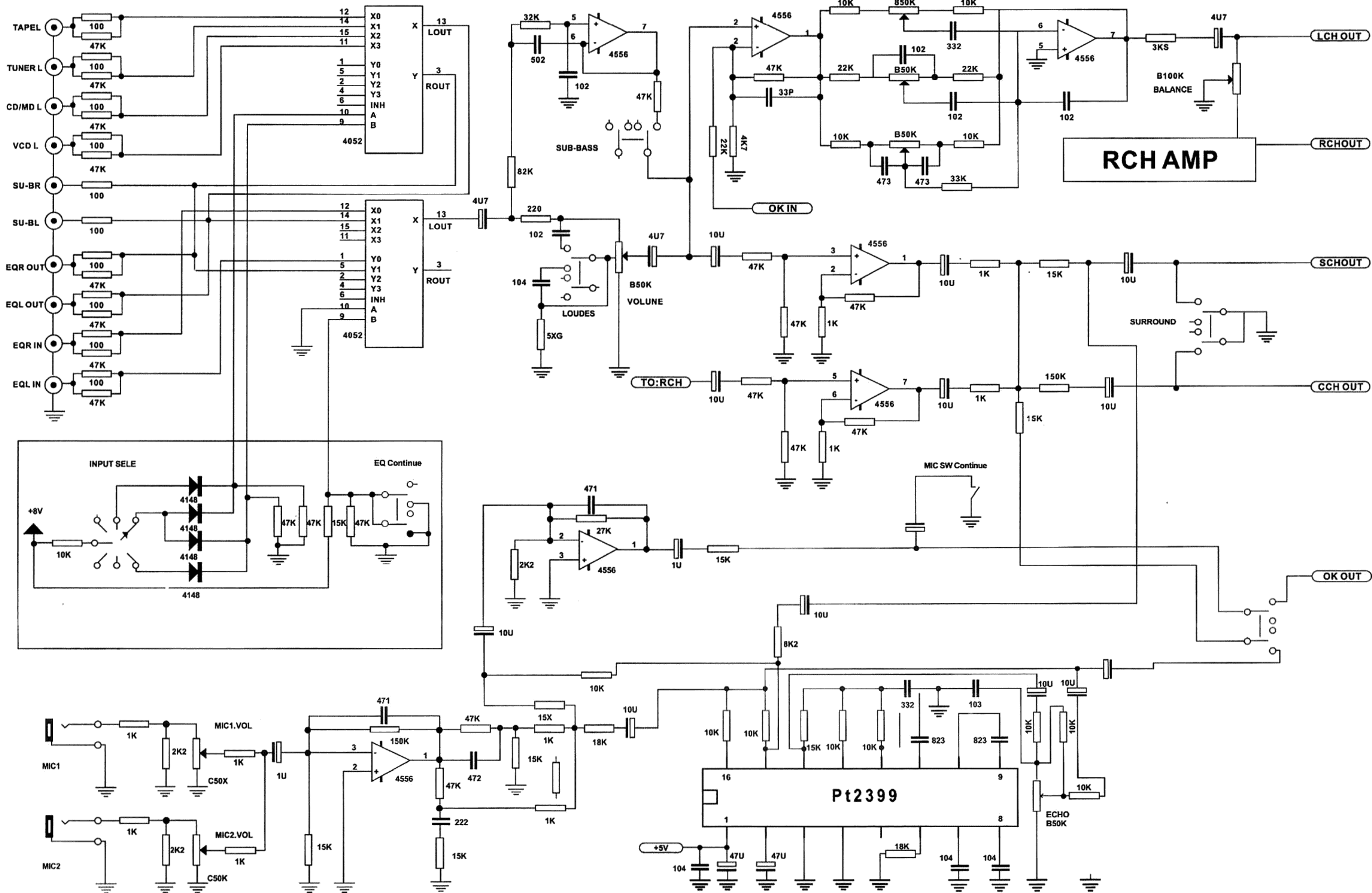
Speaker fuse.

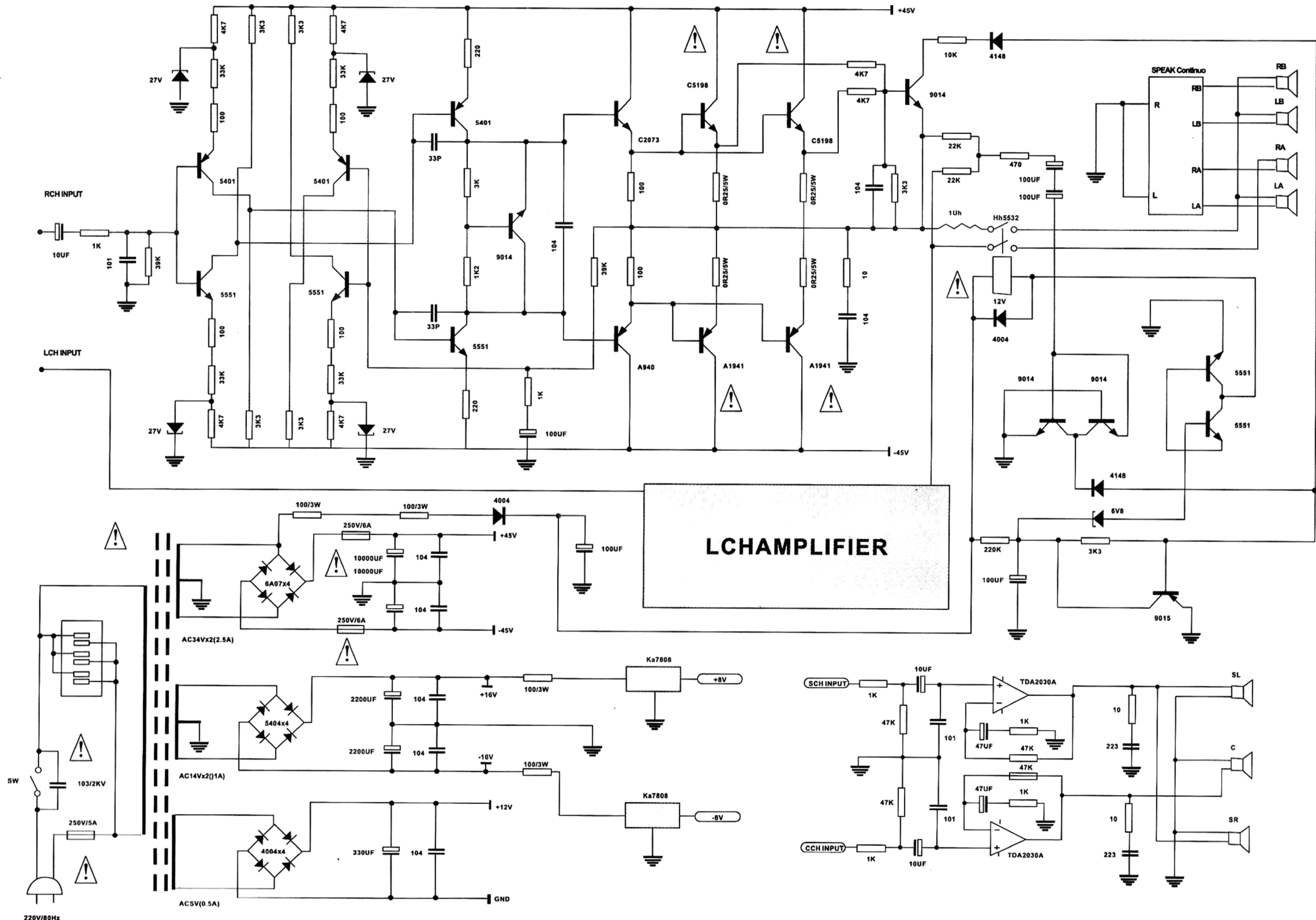
13. AC POWER LINE

Connect the power plug to 220V/60Hz AC line.

14. UNSWITCH AC OUT

Auxillary AC out (max load 300 WATTS)





LCHAMPLIFIER

TDA2030A

SAKURA
