



# KA-5.1 Surround Sound Amplifier

## User Manual

103.153UK

Version 2.1

### Description:

This digital 5.1 surround amplifier features 3 microphone inputs with adjustable volume, treble, bass, echo and delay controls for use with both audio & karaoke applications. The master channel features separate volume, balance, treble and bass controls.

### Features:

- 3 stereo and 5.1 LINE inputs via RCA Phono sockets
- A high output power of 2x30W +3x9W max
- Built-in DSP with 8 pre-programmed equalization settings
- 2-band tone controls and a MASTER volume control
- 2x digital VU displays
- binding post for front and surround sound speaker connections
- 3 microphone inputs via 6.3mm gold plated jack sockets
- Remote control included

### WARNING:



**Caution! Please read this manual carefully before operating! Damage caused by misuse is not covered by the warranty!**

To prevent the risk of fire or electric shock, do not expose this appliance to rain or moisture. To prevent electric shock do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

### Safety:

- This amplifier only uses power of AC 220-240V/30Hz.
- If some foreign objects get into the set, unplug the power cord and have qualified service personnel for checking.
- If unit will not be used for a long period of time, unplug the power cord from the outlet.

**Placement:**

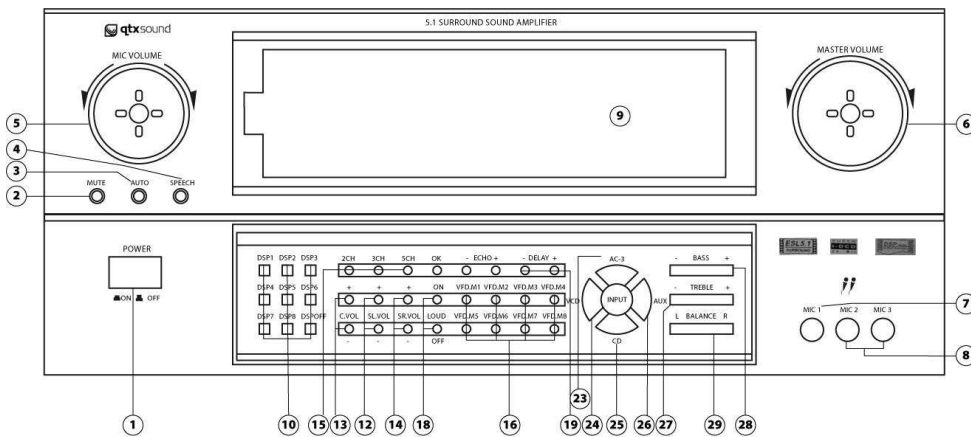
- To avoid overheating place in a well ventilated area and do not block the ventilation holes.
- Do not place the unit in direct sunlight or near a heat emitting object. Keep the set free from dust and vibrations.
- Place the unit on a flat surface in a horizontal position.
- Do not store anything on top of the unit.

**Cleaning:**

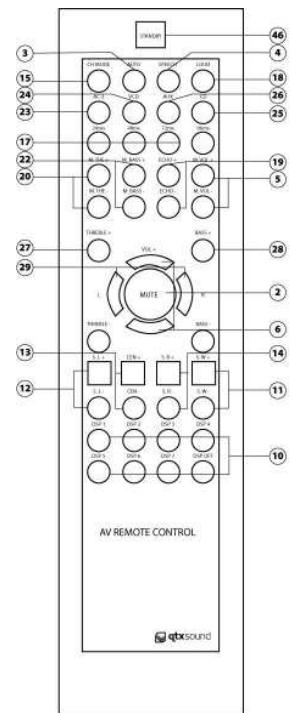
Use a soft cloth with a neutral detergent to clean the cover, panel and controls. To avoid defacement never use solvents such as alcohol.

**LAYOUT**

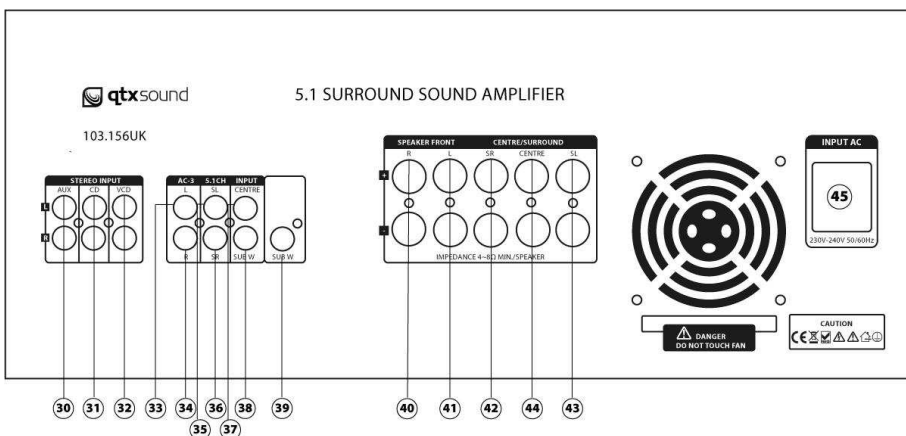
**FRONT:**



**REMOTE CONTROL:**



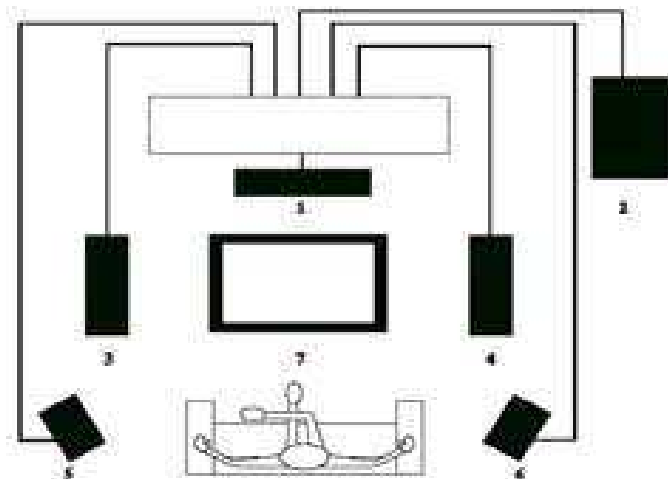
**REAR:**



1. Power switch On/Off
2. MUTE Temporary sound cut
3. Automatic search for connected audio source
4. Tone control for voice
5. Microphone volume
6. Master volume control
7. Microphone input 1 (6.3mm Jack)
8. Microphone input 2 & 3 (6.3mm Jack)
9. Digital VU Displays
10. Pre-programmed DSP settings
11. Volume control for the subwoofer
12. Volume control for left rear speaker
13. Volume control for center speaker
14. Volume control for right rear speaker
15. Selection of the connected speakers
16. VU-meters display modes
17. Microphone delay
18. On/Off switch for loudness
19. Echo + delay control
20. High frequency microphone sound
21. Low frequency microphone sound
22. Microphone on/off control
23. AC-3 audio source selection
24. VCD audio source selection
25. CD audio source selection
26. AUX audio source selection
27. Treble control
28. Bass control
29. Left/Right sound control
30. AUX stereo input
31. CD stereo input
32. VCD stereo input
33. AC-3 front left audio source input
34. AC-3 front right audio source input
35. 5.1 rear left audio source input
36. 5.1 rear right audio source input
37. 5.1 front middle audio source input
38. Subwoofer audio input
39. Active subwoofer audio output
40. Speaker front, front right output
41. Speaker front, front left output
42. Center/surround, rear right output
43. Center/surround rear left output
44. Center/surround middle output
45. AC power input
46. Stand by switch

AV remote control has the same functions as the buttons on the amplifier. All the functions have been marked with the same number as the amplifier buttons.

#### HOW TO CONNECT:



1. Centre
2. Subwoofer
3. Front Left
4. Front Right
5. Rear Left
6. Rear Right
7. TV

#### SPECIFICATION:

Output power: 2X30W + 3x9W Max

Minimum impedance: 4 Ohm

S/N ratio: > 70dB

Power supply: 230-240V AC/50Hz



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