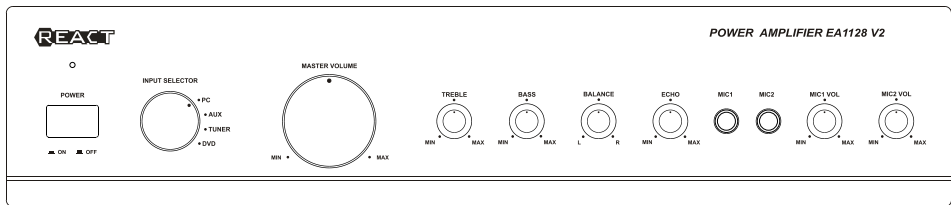




# USER'S MANUAL

## Power Amplifier



AV-1300 V.2



**You can help protect the environment!**  
**Please remember to respect the local regulations: hand in the non-working electrical equipments to an appropriate waste disposal center.**



## AV-1300 V.2 *Operating Instruction*

Congratulations on the purchase of your new amplifier. Please take a short time to study the following information, this will ensure you gain maximum pleasure from it.

### Warnings



**CAUTION:** To reduce the risk of electric shock, do not remove cover (or back) no user-serviceable parts inside refer servicing to qualified service personnel.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

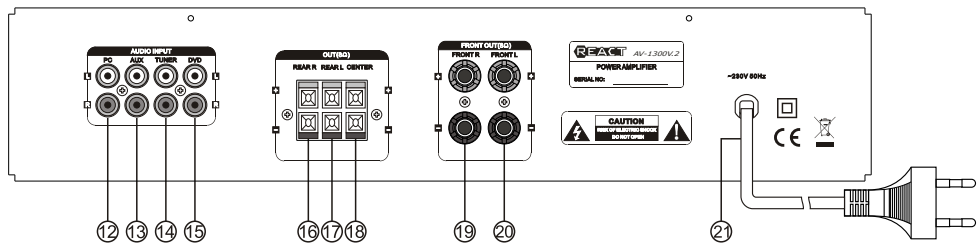
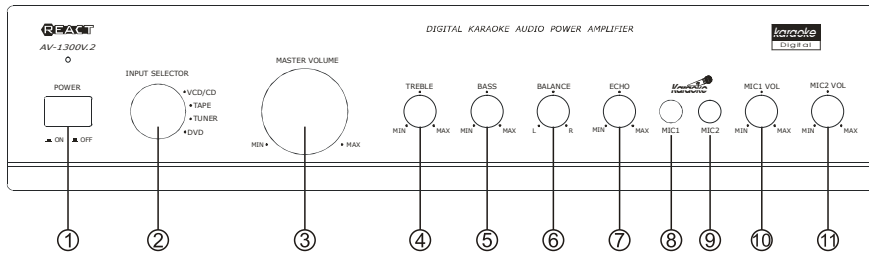


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### SAFETY INSTRUCTIONS

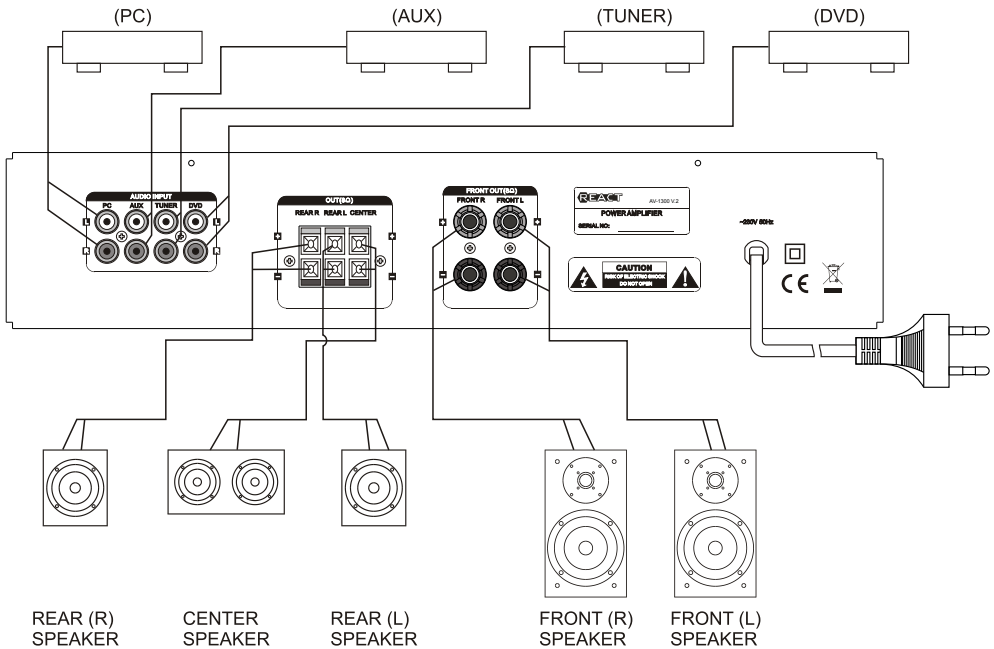
- ◆ The unit shall be connected to a power supply only of the type described.
- ◆ To reduce the risk of fire or electrical shock, do not expose this unit to rain or moisture.
- ◆ Unplug the unit from the wall socket when it is not to be used for a long period of time.
- ◆ When the internal batteries are not to be used, remove them to avoid damage caused by battery leakage or corrosion.
- ◆ Adequate care shall be taken so that foreign objects do not fall, or liquids are not spilled into the enclosure through openings.
- ◆ Do not remove the cover or back, as there are no user-serviceable parts inside.

## The instruction of panel and rear panel



- |                                |   |
|--------------------------------|---|
| 1. Power switch                | 2. Input selector button (VCD/CD, TAPE, TUNER, DVD) |
| 3. Master volume button        | 4. Treble button                                    |
| 5. Bass button                 | 6. Balance button                                   |
| 7. Echo button                 | 8. MIC 1 jack                                       |
| 9. MIC 2 jack                  | 10. MIC 1 volume button                             |
| 11. MIC 2 volume button        | 12. PC in jack                                      |
| 13. AUX in jack                | 14. TUNER in jack                                   |
| 15. DVD in jack                | 16. Rear (R) speaker terminal                       |
| 17. Rear (L) speaker terminal  | 18. Center channel out speaker terminal             |
| 19. Front (R) speaker terminal | 20. Front (L) speaker terminal                      |
| 21. Power cable                |   |

## Operating instruction



1. Before starting the power, please connect the system properly according to the above chart. And pay more attention to connecting the polarity correctly, and turn the volume button to minimum position.
2. Please turn input selector button to correct position, then start the power, several seconds later, the amplifier in under normal working condition, you can enjoy music for suitable adjusting volume.
3. The power fuse is inside of the set, please ask the professional technician to change. The fuse tube should be as same as before.
4. If the LED is not bright after starting the power, it means that the set is under abnormal condition, you should turn off the power and resolve the trouble, and then turn on the power again.
5. Using of MIC
  - 1). Insert MIC into "MIC 1" jack (8) or "MIC 2" jack (9) (can insert two once), then adjust MIC volume button (10) or(11), to make the volume suitable.
  - 2). Adjust "echo" button (7) to reach the good effect.
  - 3). Start the program equipment (such as DVD), your song can appear from the speaker with the accompaniment.

## Trouble checking and shooting

If the amplifier is not operating properly, make a check of the items in the table below. If the problem still resists, a malfunction may be assumed. Disconnect the power immediately and contact the store where the amplifier was purchased.

Problem	Causes	Corrections
<b>No sound</b>	<ul style="list-style-type: none"> <li>● Insecure speaker cord connection.</li> <li>● Audio frequency input terminal connected improper.</li> <li>● Power plug &amp; AC jack connected insecure.</li> <li>● Volume control sets to minimum.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect securely.</li> <li>● Check the audio frequency terminal.</li> <li>● Connect the power properly.</li> <li>● Turn volume up to a suitable level.</li> </ul>
<b>Distortion</b>	<ul style="list-style-type: none"> <li>● The volume is too loud.</li> </ul>	<ul style="list-style-type: none"> <li>● Properly adjust the volume key to lower position.</li> </ul>
<b>Sound only from one channel.</b>	<ul style="list-style-type: none"> <li>● Incomplete speaker connection line.</li> <li>● Incomplete input/output cord connections.</li> <li>● Left/right balance is off to one side.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect securely.</li> <li>● Connect securely.</li> <li>● Adjust the balance properly.</li> </ul>

## Main specifications

Peak music power (PMPO) : 80W+80W

Output power(RMS): 25W+25W

Total harmonic distortion (rating condition):  $\leq 1\%$  (80Hz~12.5kHz)

Frequency response (line in): 80Hz~12.5kHz( $\pm 2$ dB)

Signal to noise ratio (line in):  $\geq 77$ dB (A-weighted)

Rating in put level/impedance: line in 500mV/47k $\Omega$

MIC in 15mV/600 $\Omega$

6. Rating load impedance: 8 $\Omega$

7. Power consumption (rating condition):  $\leq 90$ W

8. Power supply: (The symbol(  $\surd$  )between parentheses is the voltage that the amplifier uses)

~110V 60Hz( )  
 ~120V 60Hz( )  
 ~220V 50Hz( )  
 ~230V 50Hz( )  
 ~240V 50Hz( )

9. Dimension (LXWXH): 420X330X98mm

10. Weight: about 4.1 kg

**Notes:** 1. The above specifications are only for reference.

2. Design and specifications are subject to change for improvement without prior notice.

### Accessories:

- ◆ User's manual 1 pc
- ◆ 2-phono to 2-phono cable (1.5m) 1 pc



UMA0558A