

# Audio power amplifier

## System connection precautions

- 1 Do not connect with power supply before all the connection is completed.
- 2 Either noise or silence could happen to a loosely connected system.
- 3 Please remember to disconnect the power supply prior to plug or unplug cables.
- 4 Watch out not to short circuit both wires for a single speaker.

## Troubleshooting

Attention: When the system apparently goes into malfunction, please check out by referring to the following troubleshooting procedures to eliminate fake defaults.

| Phenomenon                                       | Failure cause  | Solution  |
|--|--|---|
| No sound output<br>Display screen remains black. | Plug is loose.<br>Outlet has not power.<br>Power switch is still off.  | Plunge into the plug correctly and tightly.<br>Change for other outlet<br>Release the power switch  |
| No sound output<br>Display screen remains black. | Connection for speaker is not finished yet.<br>Volume is tuned to be lowest;<br>No audio signal input<br>Input is wrongly selected.            | Check out and connect speaker cables.<br>Adjust volume to a proper extent.<br>Connect audio signal wire again<br>Change for another one suitable for the speaker. |
| One channel is working but the other not.        | Connection for one speaker cable is not finished yet at one end.<br>Signal wire for one channel is not in place.<br>One signal wire is broken. | Check out and connect speaker cables.<br>Check out the signal wires and then connect correctly.<br>Replace the signal wire to testfire system.                    |
| Microphone is silent.                            | Microphone is connected wrongly.<br>Volume for microphone is tuned to be lowest;<br>Microphone not switched on.<br>Microphone is broken.       | Connect the microphone again.<br>Turn up the volume for microphone to a proper extent;<br>Switch on the microphone.<br>Change for another qualified microphone.   |
| No mixed sound for karaoke.                      | ECHO is tuned to be lowest.  | Turn up ECHO to a proper extent.  |

Super digital karaoke power amplifier

# Product specification

## operation manual

please read through this operation manual before getting started

## Functional characteristics

Upgraded AC - 3 5.1 CH input  
5.1 channel digital surrounded karaoke  
Color animated display screen  
Reliable electronic touch operation  
Professional digital IC sound mixing karaoke  
Input function displayed in numeric codes  
Driven by imported high power valve  
Power supplied by low flux leakage bi-loop transformer  
Independent microphone volume control  
Voice amplifying circuits such as low boost

## Significant safeguard procedures

Please observe the following warning statements to maintain performance consistency of this system:

### 1. AC fuse

Fuse is installed beneath the housing, which can not be repaired by users themselves. If power supply fails, please contact with authorized maintenance center.

### 2. Power supply

#### Warning

Please read through the following chapter carefully prior to connecting to power supply.

Supply voltage AC 220 V 50Hz, 1500mA.

Only competent maintenance technician are allowed to replace or prolong the power cable.

3. If any failure listed below takes place, please leave it to qualified maintenance technicians for reparation.

A. Power cable or plug is broken;

B. Foreign object slips into or liquid is sprayde upon thin system;

C. The system is wet by rain;

D. The system goes malfunctional or declines drastically in performance.

E. The system falls down and its housing is damaged.

4. Maintenance service----- As for other conditions excluding from what are mentioned before, users are stilled prohibited from executing any kind of amendment. In the case, qualified maintenance technicians are required.

#### Warning

In order to minimize fire disaster or danger of electric shock, do not take off the housing or back cap for maintenance on user's own discretion. Under such circumstances, please turn to the qualified maintenance technicians for help.

## Sampled technical standards

|                               |                           |
|-------------------------------|---------------------------|
| Frequency response range      | 20Hz~20KHz                |
| Output power                  | 500W+500W(8Ω)             |
| Total harmonic distortion     | 5.1                       |
| SNR                           | >=7.5db                   |
| Input sensitivity             | 150MV<500MV               |
| Tone                          |                           |
| Bass adjustment               | ±10Db(100Hz)              |
| Treble adjustment             | ±10Db(100Hz)              |
| Karaoke                       |                           |
| Microphone input sensitivity  | >10mV<30mV                |
| Microphone input impedance    | 600Ω                      |
| Digital sound mixing duration | 200Mt-50Mt                |
| Working Voltage               | AC220-240V/50-60Hz 1500mA |

## Warning

Please put microphone away from speaker to avoid unncessary sirens.

Please ground the system according to national safety standards to mitigate interference from outside and prevent electric shock due to electricity leakage by accident.

Specification stated above is only for reference and the real product shall prevail when it comes to parameters such as weight, dimensions and so on.

Any alteration toward specification and technical standards due to product quality upgrade shall not be notified specifically.

The right of explanation toward this manual is reserved. If any mistake is found due to printing or other reasons, please connect with us without hesitation.

Maintenance of this product is already devolved to the distributors. Please make contact with them if needed.

Do not dismantle this system and warranty becomes void if thd seal is broken.