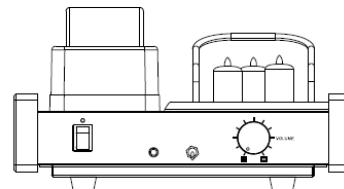


**dared**

The Manual For MP-5BT

**dared**



Tube bluetooth 4. 0 power amplifier

[www.dared.cn](http://www.dared.cn)

[www.dared.cn](http://www.dared.cn)

## Vacuum tube amplifier

Dear Customer:

Thanks you for using our MP-5BT amplifier, for optimum performance and safety please read this Manual carefully and properly keep these Manua handy for reference.

### Table of Contents:

	page
1. Safety Instructions.....	1
2. Important Safety issues.....	2
3. Front Panel and Rear Pane.....	3
4. Connections and how to use.....	4
5. Specifications.....	5
6. Troubleshooting.....	6

### 1. Safety Instructions

Caution: To reduce the risk of electric shock , do not remove screws/ cover/back. No user-serviceable parts inside.



#### The Explanation of Graphical Symbols

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 presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

High-voltage inside the product will induce to electricity sh

There is an important introduction for operation and mal

#### Warning:

To reduce the risk of fire, electric shock or product damage, do not expose this apparatus to rain, moisture , dripping or splashing and that no objects filled with liquids, such as vases, shall be place on the apparatus.

## Vacuum tube amplifier

### Repair and maintenance

Regular cleaning the dust on the surface of the machine When clearing must close when the machine.

### Troubleshooting

If the unit fails to operate normally, check the following points to determine whether the fault can be corrected by the simple measure suggested. If it cannot be corrected , or if the fault is not listed in the SYMPTOM column, disconnected the power card and contact your authorized dealer or service center for help.

SYMPTOM	CAUSE	REMEDY
The unit fails to turn on when the POWER switch is pressed	Power cord is not plugged in or is not completely inserted.	Firmly plug in the power cord.
No sound.	The volume control is set to the fully counterclockwise position.	Turn the clockwise.
	Connections boards are not connected securely to the INPUT terminals.	Connect them securely.
	Speaker systems are not properly connected to this unit.	Connect them securely.
No sound is heard form the left and/or right speaker systems.	Speaker systems are not properly connected to this unit.	Connect them securely.
	The signal input is not properly connected to this unit.	Connect them securely.
The acoustic image is unstable, characterized by unnatural sound and insufficient Low-range tonal quality.	The positive (+) and negative (-) polarities (of this unit and the speaker systems) are not matched.	Reconnected the speaker systems to this unit so that the polarities are aligned.

## Vacuum tube amplifier

### Specifications

The Power Outputs.....	30WX2
Frequency Response.....	20Hz-20kHz
Harmonic distortion.....	1%
S/N.....	86dB
Input Impedance.....	80KΩ
Output Impedance.....	4Ω,8Ω
Power Supply.....	AC100V-120V/50-60Hz AC220V-240V/50-60Hz
Dimensions (LxWxH).....	260x160x155mm
Weight.....	3. 5kgs

The used Vacuum Tube:6N1, 6N2, 6E2

(Specifications subject to change without notice)

### The instructions on the bluetooth

1. Each open MP-5BT, bluetooth device will automatically search the previous bluetooth devices. If the search to connect automatically, if there is no search to the bluetooth device, 30 seconds will enter standby mode. This is can use the bluetooth devices such as mobile phone search DARED BT-4. 0 bluetooth device.
2. If abnormal situation cannot link to a bluetooth device, you can try the following.
  - a. Reopened MP-5BT
  - b. Turn off unused bluetooth devices.
  - C. Check tantenna connection.

### The instructions on the USB DAC

MP-5BT have USB DAC interface, can link computer USB interface and play music, MP-5BT sound card name:DARED AUDIO USB

Note:if you want to listen to the USB music signal must disconnect bluetooth devices.

## Vacuum tube amplifier

### Important safety issues

Please read it carefully before use the following security matters and keep this instruction manual.

1. Note that all warning all operating and other safety instructions must be obeyed.
2. Do not place the machine near water. For example :the bathtub , washbasin, kichen, wash tub, swimming pool, ect. .
3. Vacuum tube power amplifier is a high temperature is fragile produces, vacuum tube surface temperature more than 80°C, at work, do not touch with the hand in use vacuum tube, don't ever spilled the water droplets in the vacuum tube! Do not place the machine in the place where children can touch.
4. The machine must be placed in ventilated place, do not put in the bed, sofa, carpet.
5. The machine must be far away from heat source. Such as:radiator, fire or other heating equipment.
6. If you don't use machines for a long time, please disconnect the power cord.
7. Machines are not be used in tilted or vibration condition, otherwise it will damage the valve.
8. If need to change valve, must be sure to confirm replacement tube type are interchangeable. Replacing valve must want to shut off the power supply, replace the valve after boot up again, carefully check valve, found abnormal should immediately shut down, so as not to damage the machine.

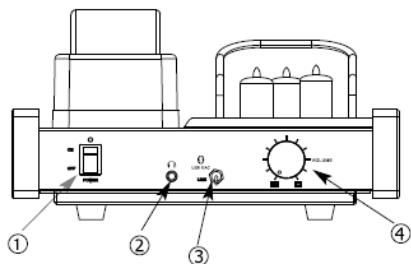
### Random Accessories

Power Cord, Antenna, Instruction For Use

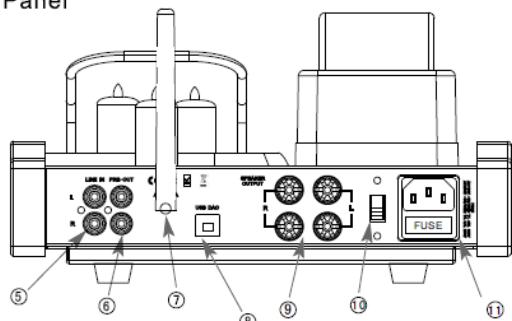
## Vacuum tube amplifier

### Front Panel and Controls

#### Front Panel



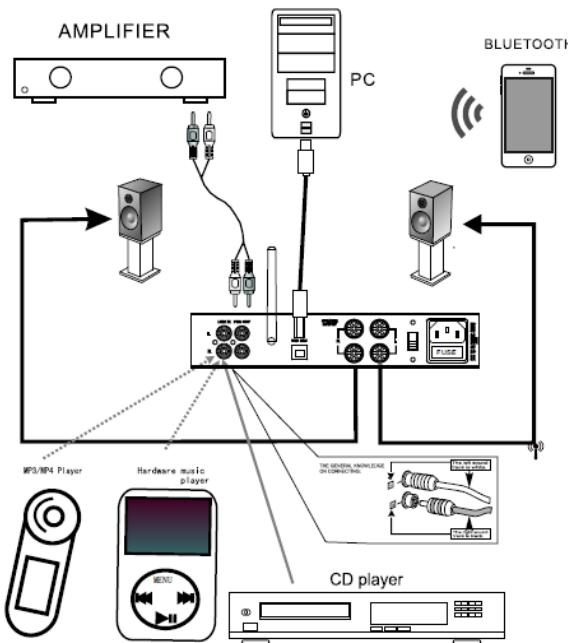
#### Rear Panel



1. Power switch
2. Headphone output
3. The channel selection switch
4. The volume knob
5. RCA input interface
6. The preamp out interface
7. Bluetooth antenna
8. USB DAC input interface
9. The speaker output interface
10. 115V/230V voltage switch.
11. Power input interface

## Vacuum tube amplifier

### Connecting diagram



#### Connection

Before connecting device, make sure MP-5BT supply switch is closed.  
 In the connection of the machine and other equipment, make sure all connections are correct.  
 Check the speaker wire connection, there is no short circuit.

**FCC warning:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.