

## Basic Troubleshooting

If the following remedies do not correct a problem, disconnect the amplifier from the power and contact your authorized dealer or service centre.

Symptom	Cause	Remedy
The unit does not power up when the Power Switch is Pressed	1. No Power to unit 2. Blown Fuse	1. Check that amplifier is plugged into a powered electrical outlet 2. Check if the power cable is plugged into the power socket on the rear panel of the amplifier 3. Check the fuse
The unit powers up. Vacuum tube does not light up or glow	1. Tube not seated 2. Tube is defective	1. Check tube 2. Replace tube
No Sound from Speakers connected to amplifier	Turntable working, URANUS seems to be working	1. Check selector switch: make sure proper input selected 2. Ensure that phono output is connected to MM input 3. Check that phono output is connected to preamp LINE input
Sound is distorted	Turntable working, sound volume is low distorted	1. Check to see if proper cartridge input is selected: MM 2. Check setting of URANUS 3. Change tube
Poor sound stage, poor audio presence, an unnatural sound and insufficient low range tonal quality	Speaker Polarities are reversed and not un-matched to the polarity of the amplifier	1. Check speaker connections: Right speaker output connection for right speaker. Left output connection for left speaker 2. Check that speaker polarity connections are correct: Red of amp to speaker (+); Black of Amp to black of speaker(-)

## Warranty

See two-year warranty details enclosed with your URANUS Amplifier.

## Specifications

Power Output:.....50Wx2(KT-88) S/N Ratio (Phono):.....78dB  
 Output Impedance:.....4ohms or 8ohms MM Impedance:.....47k/68pF  
 Frequency Response:.....20Hz-50kHz (5W) MM Input Sensitivity:.....3.5mV  
 Distortion:.....0.1% (10W) Max. Power Consumption:.....300W  
 S/N Ratio (LINE):.....86dB Power Supply:.....AC115V/230V 50-60Hz  
 Input Sensitivity:.....300mV Tubes:.....KT88x4, 12AX7x2, 6SN7x2  
 Unbalanced Input Impedance:.....80kohms Dimensions:.....430x350x180mm(LxWxH)  
 Balanced Input Impedance:.....95kohms Weight:.....30kg  
 Full Function IR Remote Control Power Tube can be replaceable by match pair of KT-100, KT-120, KT-150

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# Dared

## URANUS

## Vacuum Tube Integrated Amplifier



## Operator's Manual

Manual Rev 1.0 JAN 05, 2016

DARED AUDIO INTERNATIONAL  
 www.dared.com.hk

## Safety Instructions

- Warning:** To reduce the risk of electric shock, do not remove screws, cover or back of the product as there are no user-serviceable parts inside.
- Caution:** Do not operate the amplifier near any fluids such as vases, beverages etc.
- Ventilation:** Ensure that the URANUS is in a well ventilated position, it should not be placed in a sealed cabinet or similar.
- If a good quality surge protector is not employed, the unit should be unplugged from the power point in times of electrical storms and lighting.

## Front panel and controls

- Power ON/OFF Switch
- Input selector: Line in 1-3, Balanced, Phono
- VU Meter
- Volume Control
- 3.5mm Input
- Direct Power Amp Mode
- Bias Setting for Power Tubes



### Test for Quiescent current of Power Tube:

- Set the volume to minimum
- Turn the band switch to "V1", the current meter will show V1 tube tube quiescent current, normal current meter should show 20-30mA
- After test, switch need set to "OPERATE", can play music now

\*All quiescent current test of power tube as same

\*\*If have quiescent current is out of work required, please see the following bias adjustment setting

### Bias Adjustment Setting:

- If "V1" quiescent current is out of work required, please set the volume to minimum first
- Switch set to "V1", use a flathead screwdriver adjust to potentiometer "V1 BIS ADJ", please note the value of the current meter, and different tube current will be adjusted as follows:

-KT-88 - 20mA

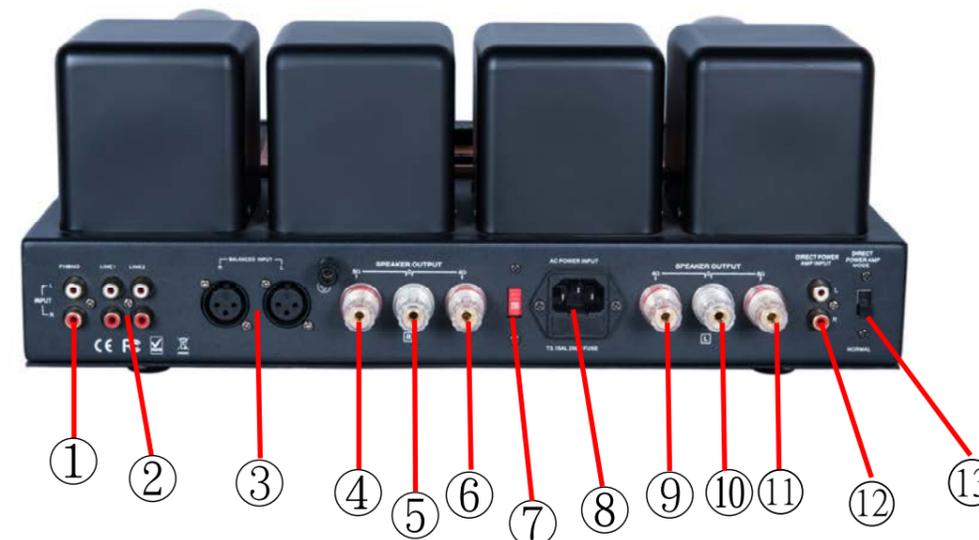
-KT100 & KT-120 - 24mA

-KT-150 - 28mA

- After adjustment, all power tube's switch need set to "OPERATE", can play music now

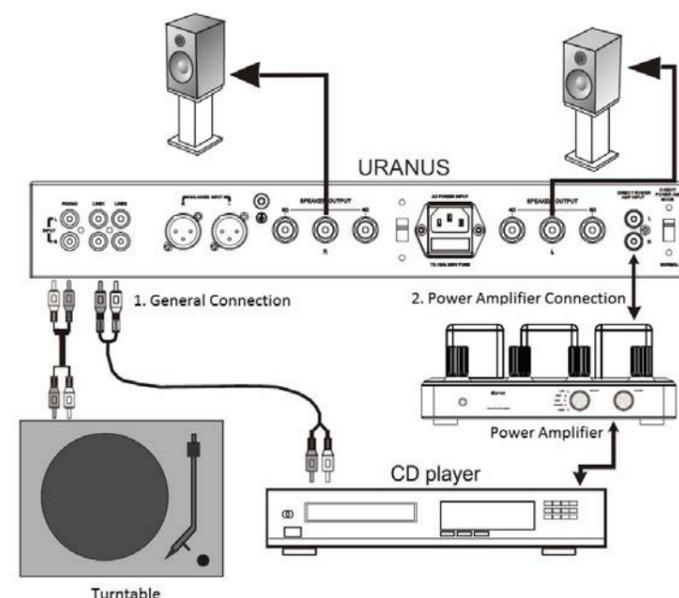
\*All power tube current adjustment as same

## Rear panel and connections



- Phono input
- Line input (Line 1, Line 2)
- Balanced input (Left & Right)
- 4ohms Speaker Output (Right)
- Speaker Output (Right)
- 8ohms Speaker Output (Right)
- AC Mains Voltage Selector (115V/230V)
- IEE AC LINE CORD input connection
- 4ohms Speaker Output (Left)
- Speaker Output (Left)
- 8ohms Speaker Output (Left)
- Direct Power Amp Input
- Direct Power Amp Mode ON/OFF Switch

## Connection Diagrams



### Basic Operation

- Press in the main power. Immediately you will see the front panel VU meter's backlight illuminate and where you will also see the tubes start to glow. There is a 20 second delay before the tube is operating normally, this is called a "Soft Start" to increase the longevity of the tube.
  - While the unit is heating up, make sure the volume to a lower level. This is good practice as not to damage your speakers accidentally.
  - Select the desired source input by rotating the input selector switch.
  - Turn on the input device.
- You are now ready to begin listening to music.