Manuals+ — User Manuals Simplified.

AD-66DPRO Multi Function Class A Integrated Hi-Fi Amplifier

TONE WINNER AD-66DPRO Multi Function Class A Integrated Hi-Fi Amplifier User Manual

Contents

TONE WINNER

TONE WINNER AD-66DPRO Multi Function Class A Integrated Hi-Fi Amplifier

Accessories

Number	Item	Quantity
1	Manual	**1**pcs
2	Power Line	1 pcs
3	Certificate of qualification	**1**pcs
4	Remote control	**1**pcs

Pollution Control Sign and Content Description

The symbol indicates that the product can be reused. The figure indicates the term of service of environmental protection. The product will not cause environmental pollution or affect human body and property within the term of service expressed by the figure since the date of manufacture as long as the safety and operating precautions on the product are obeyed.

Name and Content of Toxic or Harmful Substance or Element in the Product

Name of Parts	Toxic or Harmful Substance or Element					
	Lead Pb)	Mercury Hg)	Cadmium Cd)	Hexavalent chromium Cr)6+	Polybrominated (PBB)	Biphenyls polyphenyls (PBDE)
Body/Box	○	○	○	○	○	○
Equipped Baseplate/ Electrical Part	×	○	○	○	○	○
Plastic Structural Member	○	○	○	○	○	○
Metallic Structural Member	○	○	○	×	○	○
Cable	○	○	○	○	○	○
Transformer	○	○	○	○	○	○
TransformerLoudsp- eaker/ Microphone	×	○	○	×	○	○

Marks:
　　"○"means the content of the hazardous toxic substance is lower than SJ/T11363-2006 standard required.
　　"×"means in a homogeneous material of the component the contentof the hazardous toxic substance is higher than SJ/T11363-2006 standard required.
Note: "×" as there are no substitutable substances under the existing technology

Important Protective Measures for Attention

- To reduce risk of electric shock, do not remove t.he outer cover (or re•r panel)
- For maintenance, it ehould be carrit::d out by qu•lihod maintenance people l"o •void lire and electric shock hazard•, do not get the unit wet 01 damp.
- Equipment safety !Standard Cla•s II

1. Read the protective measures: read all warning messages about protection and operation in the instructions carefully before using the equipment.
2. Follow instructions: please follow the instructions and do not violate the instructions.
3. Place the product on where manufacturer recommends: to avoid overturning, do not push too hard or suddenly stop when moving.
4. Keep away from water and moisture: do not place equipment near water such as bathtub,basin, sink, washing machine, etc. Do not use equipment at high temperatures or high humidity environment, such as a damp basement.
5. Cleaning: do not use liquid or mist cleaners. Please use dry cloth to clean. Turn off the machine and power off before cleaning the equipment.
6. Power supply: use the power supply according to marks and tags. Connect and place the wires properly. Do not step on wires to avoid damage. Pay special attention to wires to plugs, receptacles and connecting ports.
7. Ventiletion: the cabinet of equipment is designed with venting holes. To ensure reliable performance, please avoid overheating and do not cover the equipment. Do not use the equipment on beds, sofas, carpets etc
8. Newspapers, tablecloths, curtains, and other objects may block venting holes. Do not put the equipment close to window curtains. If it is put in devices such as bookcase and rack, please pay attention to the ventalitaion and cooling.
9. Keep a distance of 10cm (4″) on left, right, top and rear sides. Equipment bracket or rear of top cover should have a distance of 1 O cm (4 “) to rear panel or the wall, to keep venting space. Keep away from heat: do not put that machine near heat sources, such as radiators, stoves and other objects that generate heat (including power amplifiers).
10. Prevent unknown objects or liquids objects or liquids should be prevented from felling through the holes into the equipment, because it might contact with current or live parts that might cause fire or electric shock. Do not place the equipment in rain or water splashing place. Do not put water containers such as vases on top of it.
11. Please connect well all input/output wires before switching on.
12. Thunder and lightning: unplug the power cable in thunder and lightning weather because it can effectively prevent lightning impulses to protect the equipment.
13. Protections: unplug the machine when you do not use it for long period. Good grounding can prevent the machine from being damaged
14. Maintenance: do not open the cabinet without professional instruction to avoid electric shock. Contact with the product managers where you buy this machine in the following cases:
    - Unknown parts or liquid enter the machine.
    - The machine is soaked.
    - The machine works abnormally.
    - Machine falling or damage.
15. Battery: for environment protection, please dispose batteries in appropriate ways.
16. Disconnection device of main power supply: this machine use power plug and coupler as the disconnecting devices. Power plug and coupler should be easily operated.
17. This product is only suitable for safe use in altitude below 2000m.
18. This product is not suitable to be used in tropical climates.

Instructions Prior to Use

General matters

1. Please place the machine at the well-ventilated place with accessible space 10 cm in width at its two sides, and above and behind it.
2. Don't apply oil, chemical solvent, volatile oil, paint or pesticide to the equipment.
3. Don't place the equipment in moist environment with the temperature being as high as above 60'C or extremely low.
4. Please keep the equipment away from direct exposure to sunlight, strong magnetic field, high temperature and electrical devices (computer, fax machine, etc.) which may cause interruption.
5. Please fixate the power socket when pulling out the power plug.
6. Do not open the cabinet without professional instruction to avoid electric shock. Contact with the product managers where you buy this machine for internal maintenace.
7. Please place the machine on flat, smooth and stable surface without vibration. Do not put things on top of the machine.
8. If there is no sound output, please turn off the machine and trun it on in 10 seconds.
9. Do not use the machine during a flashing lighting or thunderstorm. Pull out the plug for safety.

Warning
The voltage used for the machine must be consistent with that in the specifications. We assume no responsibilities for fires or other accidents due to the wrong use against the scope as specified.

Remark

1. Please note that you'd better only put audio files you want to play in the TF card or USB disk before you connect them.
2. To avoid data damage, please do not suddenly plug off the unit when the TF card or USB disk is working
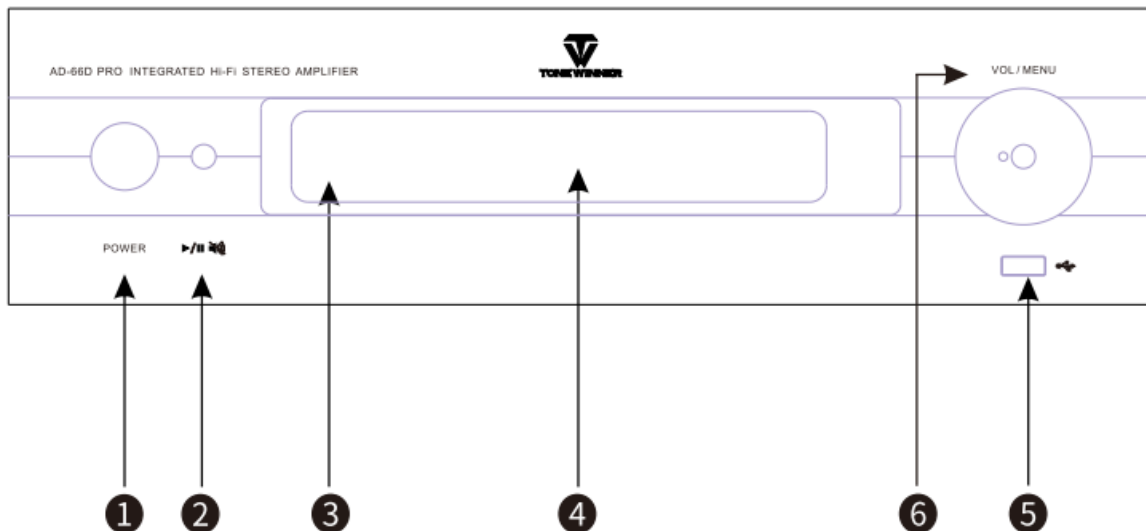
Product Introduction

AD-66DPRO is a high end integrated amplifier. It adoptsAD-1955 audio DAC chip from Analog Devices. The AD1955 is fully compatible with all known DVD audio formats including 192 kHz as well as 96 kHz sample frequencies and 24 bits. It also adopts NJW1194 2 channel electronic volume with 4-in 1-out stereo audio selector and Tone Control as well as the features of low distortion, low noise, high resolution and 0.5dB step. It also uses totally 15,000µf capacitor and ONSEMI 150W transistors. All of these strengthen the audio performance of AD-66DPRO.

Overview of Functions

- Support TF card, USB disk and Bluetooth 5.0 version.
- Support PC USB-Audio input, as external sound card.
- Support WAV, FLAC, APE, MP3, AAC, etc.
- Support 3 way coaxial inputs & 1 way optical input (both support up to 24bit/192KHz:),
- 3 way analog inputs, 1 way Phone and 1 way ARC input.
- Support Android & IOS mobile phone App control.
- Special Class A output technology to avoid switching distortion.
- Low distortion high speed Hi-Fi circuit.
- Big toroidal transformer and filter capacitor for abundant power.
- High quality transistors.

- High quality electronic volume.
- Built-in high quality digital player.
- luminum front panel.
- V FD display screen with 10 level brightness adjustment.
- Infrared remote control.
- Gold plating input jacks and output terminals.
- Support ~110V/220V automatically match.
- CE & FCC certificated.

Front Panel

1. **Power switch**
2. Play/pause/mute button
   - In the condition of USB disk/TF card/BT, short press this button to pause or play the audio.
   - In the condition of other audio sources, short press this button to mute or unmute the audio.
3. **Remote control receiving window**

   This is for receiving signal, before which there can't be any obstructions so that the window can receive signals successfully.
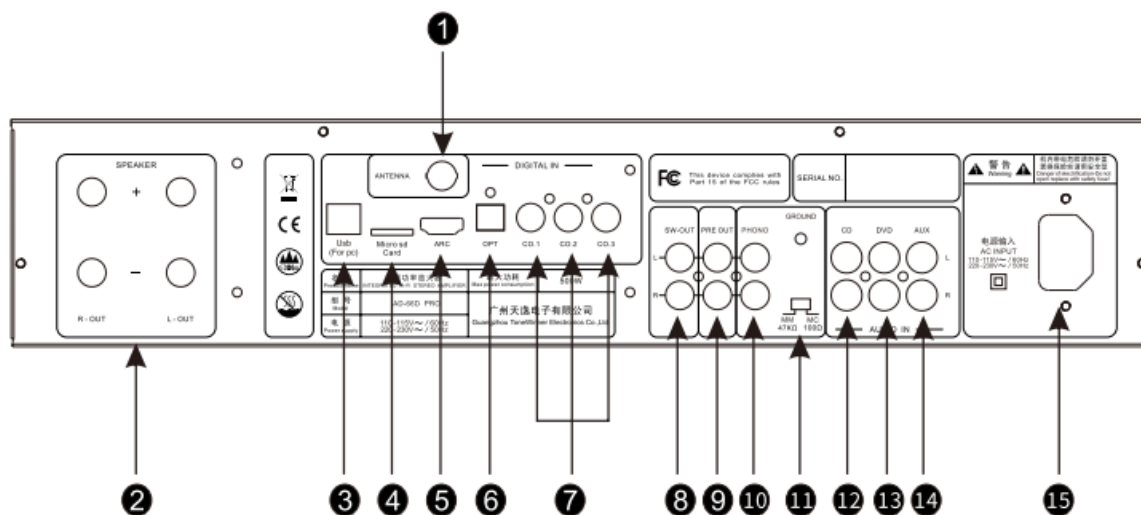4. **Display screen**

   It's a 12-bit precision lattice VFD screen. The left part is for audio source display, and the right part is for volume display. You can adjust the brightness of the screen from DIM1 to DIM10.
5. **USB disk input jack**
6. **VOL/MENU: Volume/function knob.** Please view the VOLUME/MENU introduction in Page 9.

Rear Panel

1. Bluetooth Antenna
2. Speaker terminals
   - L-OUT: left channel speaker output. Connect the"+" to the positive/red terminal of the speaker; connect the"-" to the negative/black terminal of the speaker.
   - R-OUT: right channel speaker output. Connect the"+" to the positive/red terminal of the speaker; connect the"-" to the negative/black terminal of the speaker.
3. **USB PC audio input jack**
4. **TF card input jack**
5. **ARC input jack**

   For televisions supporting ARC, you can connect TV to this port to play the TV audio to this unit.
6. **1 way optical input(support 24bit 192 KHZ)**
7. **3 ways coaxial inputs(support 24bit 192 KHZ)**
8. **SW-OUT subwoofer output**

   Connect active subwoofer to this terminal; there is no signal in this terminal when the subwoofer is muted.
9. **PRE OUT pre-amplifier output**
10. **Phono RCA input jack**
11. **Cartridge switch**

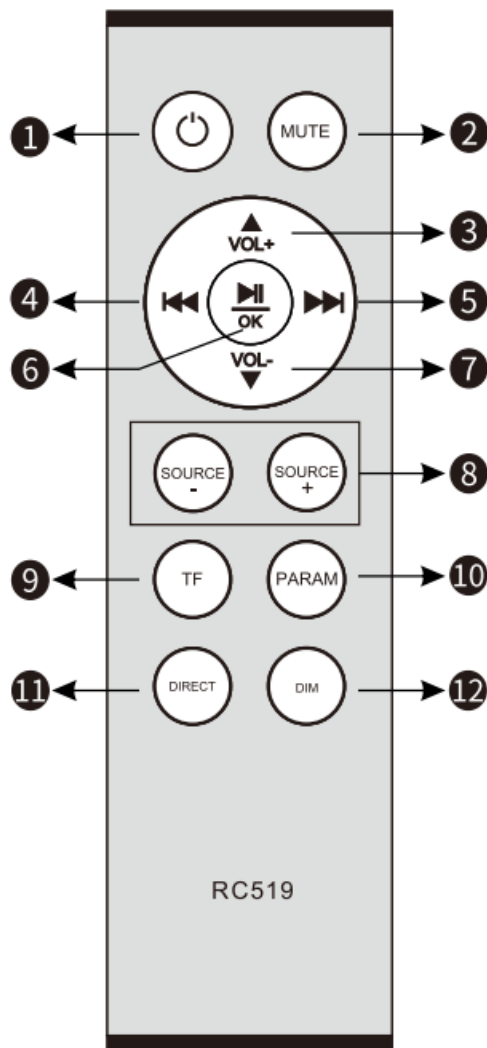   You can choose MC moving coil or MM moving magnet cartridge. The input impedance is respectively 100 O and 4 7k0.
12. **CD input jack**
13. **DVD input jack**
14. **AUX input jack**
15. **Power port**

Remote Control

RC519

1. **standby by**

2. **Mute**

3. **vOL+/parameter+**
   - Turn up the volume/increase the parameter.

4. **Last/fast-reverse**
   - Short press to play the previous song.
   - Long press to make the song fast-backward.
   - Only works when a USB disk or TF card is inserted.

5. **Next/fast-forward**
   - Short press to play the next song.
   - Long press to make the song fast-forward.
   - Only works when a USB disk or TF card is inserted.

6. **Play/pause**
   - Play or pause the audio.
   - Only works when a USB disk, TF card or Bluetooth is inserted or connected.

7. **VOL-/parameter-**
   - Turn down the volume/decrease the parameter.

8. **source+/- keys**
   - Press these two buttons to select an input source to playback.

9. **TF card source**

- Select a source ofTF card to playback.

10. **PARAM**
    - Choose sources among BASS, TREBLE & BALANCE, and press VOL+ or VOL- to adjust the corresponding parameters.

11. **DIRECT**
    - Adjust Bass and Treble in DIRECT OFF, not in DIRECT ON.

12. **DIM**
    - Adjust the brightness of display screen.

VOL/MENU
Normally, the VOLUME knob of the front panel and VOL buttons of the remote are used to adjust the volume. They can also be used to adjust parameters.

Detailed instructions of adjusting parameters
Long press the"VOL/MENU" button on the front panel for 5s and it will go into the menu. Turn the VOLUME knob or press the volume buttons to select parameters among INPUT, DIRECT, BALANCE, BASS, TREBLE, SETDIM, RESET, INFO, etc. Turn the VOLUME knob, select RETURN and press the"VOL/MENU" button to go back to the MENU, or select EXIT to directly go back to the home interface.

The MENU functions are as follows:
INPUT (source selection) CD input->DVD input-> AUX input->PHONO input

- >CO1 (coaxial input1)->CO2(coaxial input2)->CO3
- (coaxial input3)->OPT (optical input)->ARC input->
- BT (Bluetooth}-> TF ->USB disk-> PC Audio->
- RETURN (return to the last layer)

- **DIRECT:** DIRECT OFF
    - DIRECT ON
    - RETURN
- **BALANCE**: (balance adjustment): range: L 10—0dB—R10
    - Press VOL/MENU to the last layer.
- **BASS** (bass adjustment): range: -10dB—-0dB—-+10dB
    - Press `VOL/MENU to the last layer.
- **TREBLE** (treble adjustment): range -1 0dB—-0dB—-+1 0dB
    - Press VOL/MENU to the last layer.
    - *Notes: Adjust Bass and Treble in DIRECT OFF, not in DIRECT ON.
- **SET DIM** (VFD display screen luminance adjustment): DIM OFF–DIM10
- **RESET**: YES (reset confirm)
    - RETURN
      INFO (version information): 66DPROV1 .0
    - RETURN
- **EXIT** (return to the home interface)
- Short press to directly go back to the home interface. Or wait for 15s without any operation and it will

automatically return to the home interface.

USB Disk/TF Card

- Insert the USB disk with downloaded songs into the USB port in the front, press the front panel button or use the remote to select USB audio source, and then songs will auto-play,
- Insert the TF card with downloaded songs into the slot in the rear, press the front panel button or use the remote to select TF audio source, and then songs will auto-play.
- **(Note:** Songs will auto play only after they are listed in the same file. I he USB disk or IF card should be in FAT 32 or ex FAT format and not bigger than 128G**.)**

Mobile Phone Wireless Transmission

1. Use the front panel button INPUT or the remote to select the audio source BT
2. Switch on Bluetooth on your mobile phone, search & pair-connect with AD-66D PRO, and you can control music play on your mobile phone.

PC USB Audio Playback
This machine supports the PC audio transmission with the sampling rate of 24 bit 48kHz (driving-free). Use a USB cable to connect the USB Audio port on the rear panel with the PC USB port Turn on the music playing center on PC and select USB Audio. Press the front panel button INPUT or use the remote to select PC audio source.

Digital Audio Playback
This machine supports the digital input with the sampling rate of 24 bit 192kHz. Press the front panel button or use the remote to select the audio source OPT or CO1 /CO2/CO3.

Mobile Phone APP

- To better experience this machine , we have carefully developed a mobile phone APP which supported by this machine as wireless control.
- You can complete the switches and operations of all the above functions through your mobile phone.
- If you use APP for the first time to control this machine, you need to execute steps (1), (2), (3), and after then you only need to execute steps (3):

1. Seip (1) Make this machine in a normal working state.
2. Step(2) When your mobile phone connected to network, IOS equipment can go to App Store to search "TONEWINNER" for downloading the app. Android equipment can go to Google Play for download.
3. Setp (3) After initiating the APP, search the equipment you want to connect and click to match, then you can

control it by mobile phone App.

4. Click the"?" question mark icon on App, you can check more operation details of the function.

Precautions

1. Place this machine in well ventilated areas because this machine is a high power amplifier which will generating heat inside. So good environment for heel release is required to ensure safe performance. Don't place this machine in narrow and airtight areas and don't put objects on the top of this machine to keep the venting hole unobstructed. If the machine can't release heat well, the service life may be affected, or even the machine will burn down.

2. Don't make the machine under the overload condition for a long time: don't set the volume too high or make this machine under the overload condition of peak distortion such as the circuit protection condition. Please check the machine if it is too hot, and if it is too hot, start the machine after it cools down.

3. Match of this machine and the speaker: This machine has good capacity to match with speakers, and can match more than 95% home speakers. But there is still something you need to pay attention to when you select speakers:
   - Too low impedance of the speaker is not suitable for this machine, and you'd better not choose the impedance of less than 40. The machine performs best when the impedance is 4-80, especially 80.
   - Too low sensitivity of the speaker is not suitable for this machine and you'd better not choose the sensitivity of less than 86dB. The machine can perform well when the sensitivity is over 87dB.

4. There are 10 levels of luminance you can select, from DIMOFF to DIM10. You can select the luminance level you like by pressing the "DIM" button on the front panel to select SETDIM or the DIM button on the remote control.

5. The connection line connected to the machine must be reliable and accurate, and please don't mix up the positive & negative terminals or the left & right channels.

Specification

- Model: AD-66D PRO
- S/N: ?!'.95dB/ A weighted
- Frequency response: 20Hz-100kHz (+1/-3dB)
- Distortion: 0.025% (1 kHz, A weight)
- Output power: 100W/8 n (1 channel driven, 1kHz, THD=1 %)
- 170W/4 0 (1 channel driven, 1 kHz, THD=1 %)
- Input impedance: 20k
- Matched impedance: 80
- Gain: ?!'.39dB
- Max power consumption: <500W/80
- Supply voltage: 110-115V-/60Hz or 220-230V-/50Hz
- Net weight: 11 kg
- Unit dimensions: 444><436><106mm (W><D><H)
- Execution standards: GB/T9254.1-2021, GB4943.1-2022, GB17625.1-2012
- (Note: The specification may be changed slightly without further notice.)

Equipment Safety Standard: Class II

- Please read the manual and safety precautions carefully before using.
- The product should be mounted somewhere ventilated and dry for the convenience of heat dissipation to avoid moisture and lampblack.
- The safety standard of the machine is II; upon installation, the power plug should be connected to 110-115V-/60Hz or 220-230V-/50Hz grid.
- Do not remove the cover during using to prevent electrocution.
- Do not frequently turn it on or off. Wait a few minutes before turning it on again. 6 When the equipment fails, contact with the product managers where you buy this machine for internal maintenace. To avoid accident, do not open the rear cover for inspection or repair.
- The plugs, power lines, fuses, power switch, and transformer used on the equipment are all safety parts. Upon change of safety perts, the maintenance department should replace them in accordance with the model and specification specified by our company. The specification of the product may be changed without further notice.

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Documents / Resources

▽ TONE WINNER AD-66D PRO User Manual ISO9001 Certified Enterprise	**TONE WINNER AD-66DPRO Multi Function Class A Integrated Hi-Fi Amplifier** [pdf] User Manual AD-66DPRO Multi Function Class A Integrated Hi-Fi Amplifier, AD-66DPRO, Multi Function Class A Integrated Hi-Fi Amplifier, Class A Integrated Hi-Fi Amplifier, Integrated Hi-Fi Amplifier, Hi-Fi Amplifier, Amplifier

References

- **User Manual**