



-TECH DIGITAL®

USER MANUAL



DIGITAL TO ANALOG AUDIO CONVERTER JTD-482 | JTECH-D2A3



J-TECH DIGITAL INC
12803 PARK ONE DRIVE
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Note:

1. Before powering on, turn the adjustment knobs counterclockwise to minimize the volume and bass and avoid damage to your hearing.
2. Before use, please set the audio output port of your source devices (DVD | TV | PS4 | etc.) to SPDIF and set the output audio format to PCM/LPCM.

Introduction:

The JTECH-D2A3 can easily convert Coaxial or Toslink digital audio signals to the RCA and 3.5mm headphone analog form factor. The professional audio amplifier chip and volume adjustment knob are designed to directly drive headphones and adjust the output volume. The JTECH-D2A3 also features a bass adjustment knob, which can easily control the bass component to meet different customer needs.

Features:

- One Optical Audio Input Port | One Coaxial Audio Input Port
- One RCA Audio Output Port
- One 3.5mm Audio Output Port
- Eliminates noise when there is no input signal and automatically mutes when a non-audio signal is input
- Supports 192kHz 24bit Sampling Rate
- Supports Volume Adjustment
- Supports Bass Adjustment
- Metal Case | Anti-Interference

Specifications:

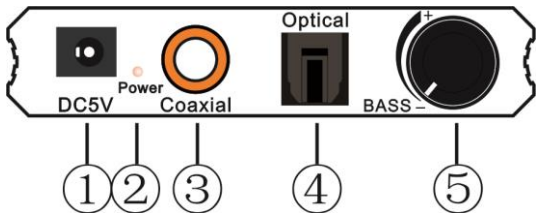
Supported Audio Format.....	PCM/LPCM
Signal-to-Noise Ratio.....	105dB
Separating Degree(1KHZ).....	94dB
Frequency Response.....	20Hz~20KHz -0.2dB
THD+N.....	-90dB
Total Harmonic Distortion (THD).....	10Hz~20KHz 0.25-0.065%
Blocking Time.....	0.577Fs
Sampling Rate.....	32~192 KHz
Bit Rate.....	16~24 Bit
Output Electrical Level.....	2.2V
Maximum Output Power.....	0.3W
Earphone Output Power.....	0-250mW
Output Impedance.....	10 Ohms

Working Voltage.....+5V | Maximum Voltage: 6V
Maximum Power Consumption.....100mA
Operating Temperature Range.....14-158F
Storage Temperature Range.....-76-302°F
Operating Humidity Range.....10% - 80% RH
(No Condensation)
Storage Humidity Range.....5- 90% RH
(No Condensation)
Dimensions.....2.99in x 2.75in x 0.62in
Gross Weight.....0.33 lbs.

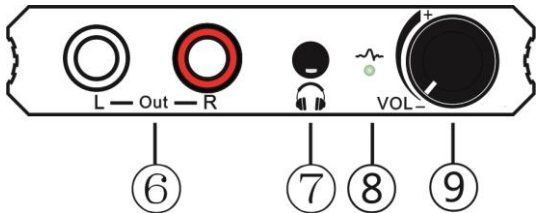
Package Contents:

1PCS.....JTECH-D2A3
1PCS.....User Manual
1PCS.....USB Power Cable

Diagram of Interfaces:



1. Power Port
2. Power Indicator LED
3. Coaxial Digital Audio Input Port
4. Optical Digital Audio Input Port
5. Bass Adjustment Knob



6. RCA Audio Output Port

7. 3.5mm Audio Output Port

8. Input Signal Status LED

9. Volume Adjustment Knob

Connection and Operation:



1. Use optical cable or coaxial cable to connect your source device to the optical or coaxial input port of the JTECH-D2A3.
2. Use the RCA cable or 3.5mm audio cable to connect the JTECH-D2A3 to the audio amplifier or headphones.
3. Use the USB cable to connect the DC 5V power port of the decoder to the power supply.
4. Use the volume knob to adjust the volume appropriately.
5. According to your preferences, adjust the bass component appropriately through the knob.

Note: Please use the machine as instructed to ensure longevity.

1. Please do not expose this unit to the damp, high-temperature, dusty, erosive, or oxidative environments.
2. Please refrain drop hitting, shaking or dropping the unit.
3. Please do not touch the power adapter plug with wet hands.
4. Please hold the power plug when disconnecting. Do not pull the power cable directly.
5. Please turn the unit off when it is not in use.
(Disconnect the power plug when it is not in use for a long period of time)
6. Please do not open the cover and do not touch the inside components.
7. Please use the original factory power cable.



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