

USER MANUAL

5.1CH Digital Audio Decoder

With USB Multi-Media

Model No: ADSW0007M1

Enjoy the vivid world!

REMARK

Manufacturer does not make any commitment to update the information contained herein.

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The products are designed to make your A/V device use more convenient, comfortable, productive and cost-efficient.

This product is a 2-Ports SPDIF digital audio decoder, also is a USB Multi-Media player. You can use it to transfer the DTS/AC-3 digital signal data into 5.1 sound track output, or multimedia file playback of USB disk. Support two kinds of output mode and EQ mode, can be used with different power amplifier and speakers, to get a different sound effects. It is one perfect audio decoder for your DVD, Blue-Ray DVD, PS3, X360BOX, HD Player, PC etc.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

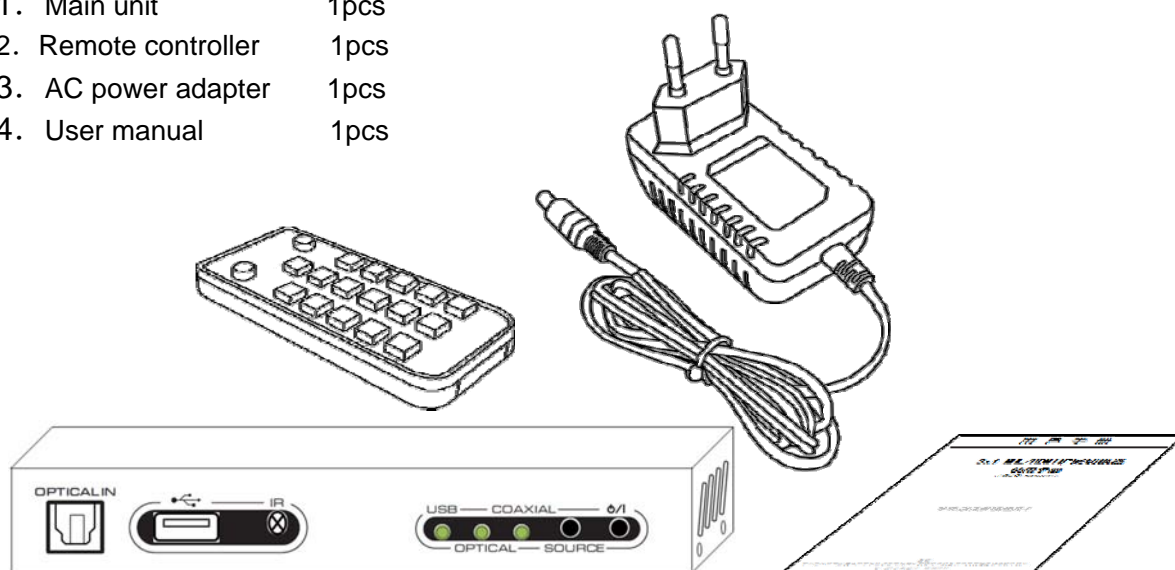
INTRODUCTION

FEATURES:

- Two-Ports SPDIF (1 x Optical and 1 x Coaxial) digital audio input, one USB2.0 interface. You can switch freely between different signal sources.
- Output 5.1 channel analog audio and 1 x CVBS , can be connect to the amplifier or TV
- Uses 24 bit/96KHz audio DSP and 24bit /192KHz DAC
- Support for multiple EQ model
- Support digital audio formats: Dolby digital (AC3), DTS, LPCM
- Support multimedia playback of USB disk, can play music, video, photo and text files
- The USB port can provide charging for mobile devices
- Automatic identification input digital audio signal format, automatic track test
- Support stereo and 5.1 channel two output modes, can be flexible with speaker
- High tone quality, low noise
- One button to switch mode, simple to operate.
- Support for remote operation, visual menu interface
- Power-off memory
- DC5V/1A power adapter

PACKAGE CONTENTS:

- | | |
|----------------------|------|
| 1. Main unit | 1pcs |
| 2. Remote controller | 1pcs |
| 3. AC power adapter | 1pcs |
| 4. User manual | 1pcs |



FEATURES OF THE INTERFACE:



FIG.1.0 Front Panel View

OPTICAL IN: Optical/Toslink input

• USB : USB2.0 Host interface

IR: Infrared receive window

LED: Input port indicator

SOURCE: Input signal source selection

O/I: Power on/standby

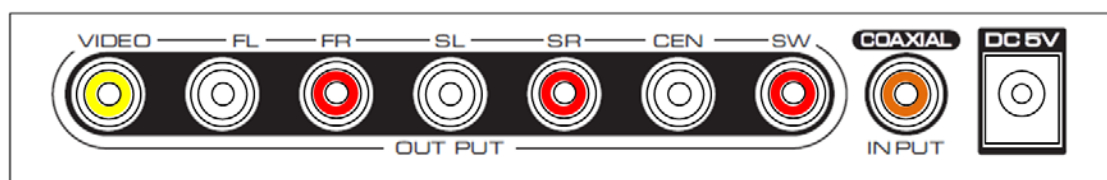


FIG.1.1 Rear Panel View

VIDEO: Video output

SL/SR: Surround L/R analog output

SW: Sub woofer analog output



DC5V: 5V DC in jack

FL/FR: Front L/R analog output

CEN: Center analog output

COAXIAL: SPDIF/ Coaxial input

FIG.1.2 Remote Controller Panel View

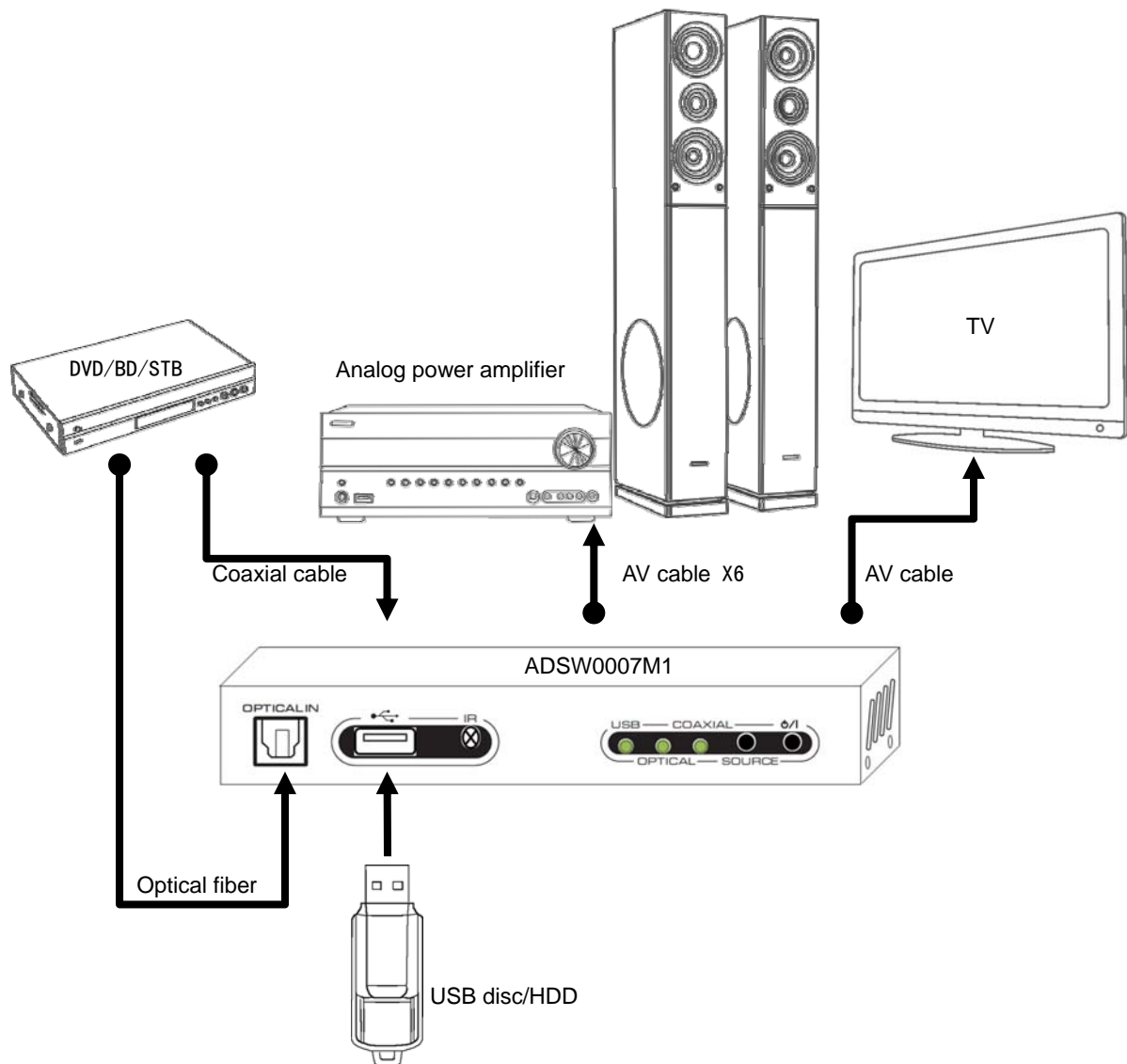
<p>(Note: Use after the battery separator film is pulled out)</p> 		Keys	Description	Keys	Description
			Power on/standby		Input signal source selection
			Move up to select		Move down to select
			Move Left to select /return /REV		Move Right to select /FWD
			Confirm or Play		USB play menu
			System settings		Play/Pause
			EQ mode selection		Repeat mode
			Previous section		Next section
			Stop		Mute on/off
			Volume decrease		Volume increase

Note:

1. You can use “MENU” key to select playlist file types, e.g. music, video, photo, text.
2. In the system settings, you can set the OSD language, stereo /5.1CH output mode, TV display type, power resume, slide mode and time etc.
3. “SETUP” key can only be used under USB stop.
4. EQ mode includes STANDARD, CLASSIC, JAZZ, ROCK, POPS, BALLAD, DANCE.
5. Repeat mode includes One, FOLDER, DISC, Off four types..

OPERATIONG AND CONNECTION:

1. Connect one optical fiber / Coaxial cable from digital audio signal source into input port of decoder.
2. Connect six AV cables from TV/ analog power amplifier into the analog audio output ports of decoder, the channel must correspond.
3. Connect one AV cable from TV into the video output port of decoder.
4. Connect 5V power supply to the decoder and inserted into the power socket.
5. Insert the USB disc, input signal source switch in the USB state, the system will automatically play music files. Press the "SOURCE" key or remote controller "INPUT" key to select fiber / coaxial input signal source.
6. Use the remote control to USB control and detailed system menu settings.



SPECIFICATIONS:

ADSW0007M1

Digital audio decode format.....	Dolby Digital (AC3)/DTS/LPCM
USB playback music format.....	MP3 / WMA / AAC / WAV
USB playback video format.....	Divx3.11,4.x,5.x/Xvid/AVI/MJPEG/VOB/VCD(Dat)/MPG1,2,4
USB playback photo format.....	JPG (Resolution range: 16x16~10000x10000)
DSP sample frequency range.....	32~96 KHz
DSP Bit rate range.....	16~24 Bit
Digital input level.....	0.1~1Volts p-p
Analog output level(1kHz@0dB).....	1V RMS
SNR @ 0dB(CCIR/ARM).....	≥85dB
Distortion.....	≤0.1%
Frequency response.....	20Hz~20KHz
Max working current	400mA
Power adapter format Input	AC 100V~240V 50HZ/60Hz, DC5V/1A
Operating Temperature range	-10 to +55℃
Storage Temperature range.....	-20 to +60℃
Operating Humidity range	10 to 90%RH (No Condensation)
Storage Humidity range.....	5 to 95%RH (No Condensation)
Case Dimension (L x W x H)	139x64x22 (mm)
Weight	210g

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machines not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.

FAQ:

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

No.	Problem Description	Solutions
1	Non-Power-Connected	1. Check if the power adaptor head is truly and correctly inserted the power socket. 2. Check the switch if it is in power standby status.
2	No Sound	1. Check if the signal source is on and well connected. 2. Check signal source channel selection is correct. 3. Confirm the input audio format is supported formats. 4. Pls to make sure that the TV / amplifier is on and has been connected with the machine. 5. Confirm the decoder / power amplifier / TV set volume and mute.
3	Noise/ Abnormal sound	1. Confirm the input audio format is supported formats. 2. Check the decoder output and the amplifier output is connected correctly. 3. Confirm the wires are intact and reliable connection.