

ATNEDCVH[®]

USER MANUAL

Multi-Funtion 5.1ch Digital Audio System

Model: UD951B

Download the driver: www.atnedcvh.com

Getting support: atnedcvh@foxmail.com

Compliance Statement:

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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/television technician for help.

To maintain compliance with FCC' s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

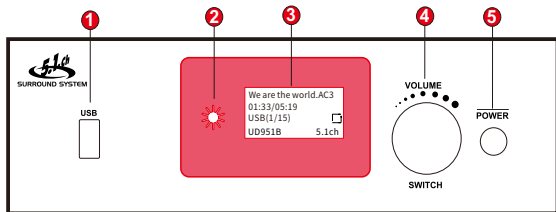
FEATURES

- 1: Support three HDMI input, one Coaxial input, one Optical input, one PC-USB input, one AUX input, one USB 2.0 input and one BT 5.0 input.
You can switch different signal sources randomly via Button or Remote.
- 2: Support one HDMI(ARC) output, one Optical output, one Coaxial output, one 5.1ch analog audio output of RCA, all audio output simultaneously.
- 3: All signal source(HDMI/ARC/COAXIAL/OPTICAL/PC-USB/AUX/USB/BT 5.0) can decode to 5.1ch output, it is audio decoder system.
- 4: All signal source(HDMI/ARC/COAXIAL/OPTICAL/PC-USB/AUX/BT) but USB player can convert to COAXIAL/OPTICAL output, it is S/PDIF Switcher system.
- 5: HDMI resolution up to 4Kx2K@60hz, support 3D
- 6: Supported audio format :DTS、DTS-ES、AC3、WAV、FLAC、APE、HDCD、AAC、WMV、MP3、M4A etc.
- 7: Support 5.1ch/2.0ch output mode, FL/FR active when 2.0ch output mode.
- 8: Support Button or IR remote switch input source, information will be displayed on LCD.
- 9: The BT version is 5.0, the distance support 15m.
- 10: Supporting knob or IR adjust VOLUME, supporting 100 levels fine tuning.
- 11: The power-off memory function, automatically switch to the last used signal channel, USB broadcast memory before the power-off.
- 12: Users can upgrade firmware when manufacturers have updated.
- 13: The use of DC 12V/1A external power adapter power supply, wide voltage can use DC (5-19V) power supply

SPECIFICATIONS

HDMI version.....	HDMI 2.0 & HDCP 2.2
HDMI resolution.....	4Kx2K@60fs,4Kx2K@30fs,1080p/1080i/720p/576p/576i/480p/480i
HDMI MAX bandwidth.....	340MHz
HDMI MAX data rate.....	10.2Gbps
HDMI input&output TMDS signal.....	0.5~1.5Volts p-p(TTL)
HDMI input&output DDC signal.....	5Volts p-p (TTL)
HDMI input&output transfer distance.....	≤20m AWG26 HDMI standard cable
Support Audio format.....	dts、dts-es、wav、flac、ape、ac3、hdc、aac、wmv、mp3、m4a etc
DSP sample frequency range.....	24~192 KHz
DSP Bit rate range.....	16~24 Bit
Digital input level.....	0.1~1Volts p-p
Analog output level(1kHz@0dB).....	≥1.5V RMS
SNR @ 0dB(CCIR/ARM).....	≥90dB
Frequency response.....	.20Hz~20KHz
Power adapter format Input	AC100V~240V 50HZ/60Hz, DC12V/1A
BT Version	5.0
Receiving Distance of BT	15m
Operating Temperature range	-10 to +50°C
Storage Temperature range.....	-20 to +60°C
Operating Humidity range	10 to 90%RH (No Condensation)
Storage Humidity range.....	5 to 95%RH (No Condensation)
Product/Package Dimension (L x W x H)	202x103x53 (mm)/ 245x192x57 (mm)
Product/Package Weight	700g/950g

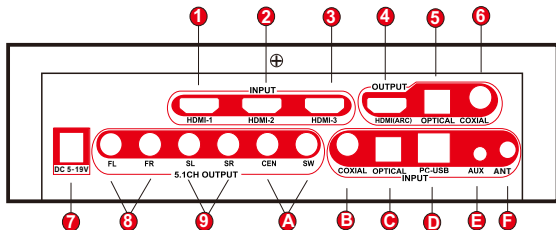
Panel Definition



UD951B Front Panel

UD951B Front Panel definition:

- 1: USB 2.0 port
- 2: IR receive port
- 3: LCD display Panel
- 4: Volume knob/Input source button
- 5: Power button

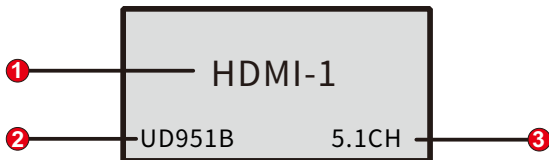


UD951B Real Panel

UD951B Rear Panel definition:

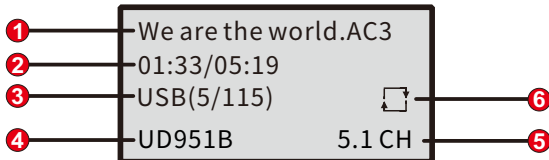
- 1:HDMI-1 input port
- 2:HDMI-2 input port
- 3:HDMI-3 input port
- 4:HDMI output port with ARC
- 5:Optical output port
- 6:Coaxial output port
- 7:DC 5-19V Power input port
- 8:Front channels (FL/ FR)
- 9:Surround channels (SL/ SR)
- A:Center channel (CEN)/Subwoofer (SW)
- B:Coaxial input port
- C:Optical input port
- D:PC-USB Soundcard input port
- E:AUX input port
- F: BT wireless antenna

UD951B LCD Definition



UD951B External Input definition:

- 1: Input channel name: HDMI-1 / HDMI-2 / HDMI-3 / ARC / COXIAL / OPTICAL / PC-USB / AUX / USB
- 2: Product model.: UD951B
- 3: 5.1ch: ouput 5.1ch mode; 2.0ch: Output 2.0ch mode (FL/FR)



UD951B USB Player display definition:

- 1: Songs name and format
- 2: Song playing time/Song lenth
- 3: Song number/Songs quantity
- 4: Product model.: UD951B
- 5: 5.1ch: 5.1 channels ouput mode;
- 2.0ch: 2.0 channels ouput mode (only FL/FR output)
- 6: : Repeat all; : Repeat one

Remote Controller Definition



KEY	Definition	KEY	Definition
	Standby		MENU(UD951B)
	MUTE		Play in order
	Play randomly		Volume increase
	OK/PLAY/PAUSE		Volume decrease
	Previous selection		Next selection
	Single cycle mode		All cycle mode
	Turn off / on LCD		HDMI input 1
	HDMI input 2		HDMI input 3
	ARC input		COXIAL input
	OPTICAL input		PC-USB input
	AUX input		USB-Disk input
	Channel Sound Test		2.0CH/5.1CH selection
	BT 5.0 wireless input		

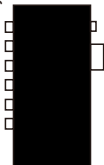
Battery Specification: AAA 1.5V

Contents In The Box

1: UD951B Digital System x1
3: DC-12V/1A power adapter x1
5: User manual x1

2: Infrared remote controller x1
4: Digital optical fiber cable x1
6: BT wireless antenna x1

1、



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Operation Guide

- 1、Connecting all signal wire before power on,LCD will be turn on and infomation will be display after started about 15s,then you can do operation;
- 2、Button operating functions: POWER: Power button,it will turn off machine power.
(PS:The red key of Remote only Standby,it will not turn off power.)
SWITCH/VOLUME: Press to switch input source, Turn the volume up clockwise, turn the volume down against the clock.
- 3、The Remote control refer to “Remote Controler Definition” .
- 4、HDMI output corresponding to HDMI inputs, LCD display corresponding to USB-disc player, USB-disc player can not display to HDMI output.
- 5、5.1ch and 2.0ch selection:
5.1CH mode: Output as 5.1CH mode
2.0CH mode: Output as 2.0CH mode(only FL/FR output)
- 6、Audio output instructions:
A. Output from COX/OPT: All inputs but USB-disc player can switch to COX/OPT output.
B. Output from 5.1ch: All inputs are decoded to 5.1ch output.
- 7、ARC function skills:
A. Set the HDTV or Projector to an external speaker,and audio output farmat select " RAW " .
B. HDMI cable must be 19+1 pins.
C. Select ARC mode on the UD951B.
- 8、BT wireless skills:
A. UD951B must be set as BT 5.0 mode
B. Turn on BT of your mobile device, and search the BT name: “UD951B”
C.Click the “UD951B” to connect it and play music.



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