

KingRex

Technology Co., LTD

USB DAC user manual



USER MANUAL

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CONTENT

USB DAC

MODEL No. UD-01

USER MANUAL

One KingRex USB DAC (UD-01)

One switching adaptor (12V/0.5A)

CASE: FASHION LOOK BY ALUMINIUM TITANIUM ANODIZED

DIMENSIONS: UD-01 body: 110*75*33MM

PACKED: 202*104*55MM

DESIGN CONSIDERATION OF UD-01

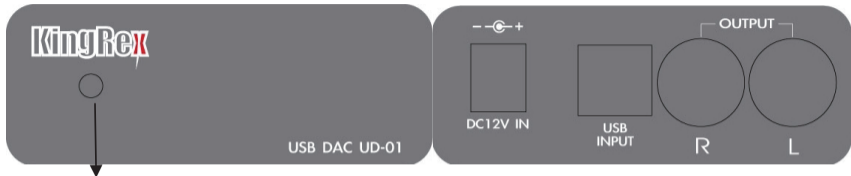
Nowadays more and more PC user require better soundstage from PC system. However, the sound come from computer and soundcard is not dedicated enough, the annoying noise & distortion is hard to avoid an outboard digital to analog converter that receives digital signals through USB cable seems to be welcome solution. So KingRex build up one good solution for music lover- UD-01 (USB DAC). It turns mundane desktop and personal audio into exciting high-end performance(The DAC –characteristic architecture is built around Burr-Brown PCB2702E DAC chip which is dedicated two channel audio has large internal strong buffer to store up audio packets. Low pass filter: Burr-Brown OPA2604 acts as output stage preamp and taking out the residual digital garbage and turns the audio signal into more analogue sounding stream to guarantee sonic excellence. DC servo: Texas TL072 low noise JFET op amps assigned to DC servo circuit. Coupling capacitor is to avoid harmful sonic impairment.

SAFETY INSTRUCTIONS:

WARNING

- To Prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- Do not disassemble the machine with power on. If you do, you may receive an electric shock.
- Do not let children (or grownups) push anything into holes or slots in the case-this could result in harmful electrical shock and could cause damage of the equipment.
- Obstruct the necessary all-around ventilation: especially DO NOT place the set close to curtains or on soft furnishing such as carpets. Overheating can cause unnecessary damage and shorten the lifespan of the equipment.
- No user serviceable parts in side. Refer servicing to qualified technician. Never remove the cover unless qualified to do so. This unit contains dangerous voltage.
- Read the user manual and familiarize yourself with the functions before you attempt to use this equipment.

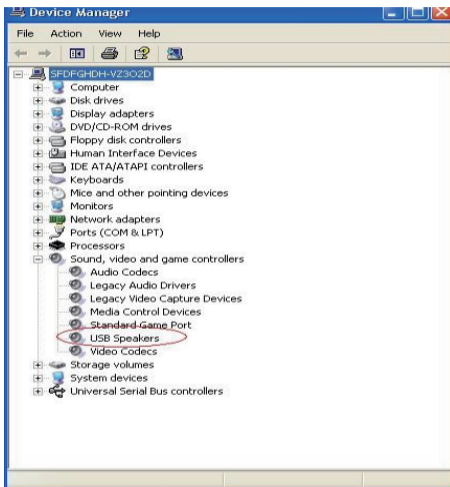
HOW TO OPERATE



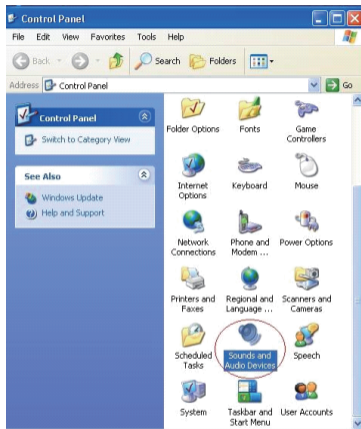
Power indicator

1. NO DRIVERS NEEDED(WINDOWS XP & MAC OS)
2. CONNECT USB CABLE BETWEEN PC AND UD01
3. CONNECT AUDIO CABLE TO AMPLIFIER
4. CONNECT AC POWER ADAPTOR
5. POWER ON PC WILL AUTO DETCTOR UD01 AND INSTALL DRIVER.
6. IF UD01 CAN'T WORK CHECK PC DEVICE MANAGER(IT MUST SHOW USB SPEAKER)

HOW TO SET THE DIGITAL SIGNAL TO UD-01 INTERFACE(FOR PC USB INPUT)



CHECK PC CONTROL PANEL DEFAULT AUDIO DEVICE(SET TO USB SPEAKER)



IF YOUR PC STILL CAN'T FIND DEVICE "USB SPEAKERS",UNPLUG USB CABLE REINSERT CABLE.

SPECIFICATIONS :

Main USB Decoder Chip: Burr-Brown PCM 2702E

16-bit 44.1khz/48khz sampling rates

Low Pass Filter OP AMP: Burr-Brown OPA2604(With socket),interchangeable by user's favorite OP AMP.

DC Servo Chip : TL072 (With socket),interchangeable by user's favorite OP AMP.

Coupling Capacitor less, improving output sound quality

Power rating:/DC 12V +-10%

Adaptor: input: AC 100-240V(47-63Hz),output:DC12V/0.5A

Size: 110*75*33MM

Burn in

All new electronic equipment must be burned in to achieve optimum performance. Please allow the new amplifier to burn in by playing music with the loudspeakers connected for 200 hours before critical listening is performed.

Maintenance

For cleaning the cabinet, use a dry cloth and wipe dust away. If needed, moisturize the cloth with a small amount of window cleaning dissolvent. Do not use excessive amounts of solvents, and do not let any of solvent spill into amplifier. The front panel is made of aluminum, it can be cleaned by using normal mild solvents and clean paper tissue or cloth. Do not use any other the scratch the mirror display at the front.

Service

The simplicity of the KingRex UD-01 is very few parts can be breaking down.

Should you ever require service, you can either contact your dealer or national distributor, who can solve any problems locally.

You are also very welcome to contact KingRex Technology Co., LTD directly if you need any information or help.

Our contact information is listed on the last page of this user guide.

Our best wishes ~

We only use the best “ raw materials” trimmed and rafted to perfection by the best engineers and sound enthusiasts for all audiophiles.

The guidance lines in this manual will assure you of an exquisite sound experience hope it will provide clear instruction to operate our products.

We hope you years of proud ownership and happy listening. We fell confident that you will cherish this amplifier for both its amazingly clear reproduction as well as for its splendid craftsmanship, elegant appearance, and convenient size.

Hope you won't mind to share with us if there is any problem or questions. Please do not hesitate to contact with us. We look forward to hearing from you~

KingRex Technology Co., LTD

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