

aune

X8 32bit/768k DSD 解码器
32bit/768k DSD MAGIC DAC

使用手册 / Manual

Preface

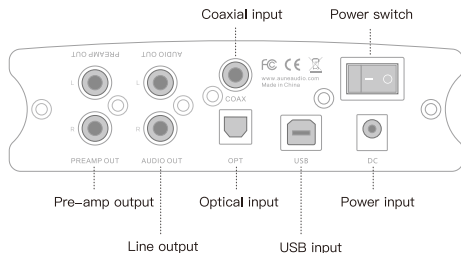
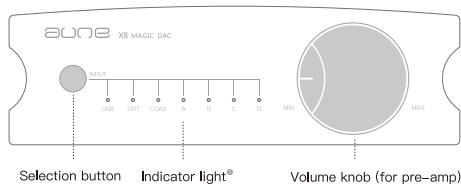
Dear Customers,

Thanks for purchasing the aune X8 and congratulations on choosing this high-performance DAC.

We sincerely hope the brand new X8 will bring you excellent Hi-Fi experience.

Please read this manual carefully before using the device.

View of front/rear panel and name of each part



1 Indicator light

1. Input

<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	USB
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Optical
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Coaxial

2. Filter mode

<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	fast roll-off, linear phase filter
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	slow roll-off, linear phase filter
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	fast roll-off, minimum phase filter
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	slow roll-off, minimum phase filter
<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	apodizing, fast roll-off, linear phase filter
<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	hybrid, fast roll-off, minimum phase filter
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	brickwall filter

Introduction

The X8 is a DAC of the aune X series. It uses aune's self-developed FPGA technology and supports music files up to PCM768 / DSD512. The Op-amp is interchangeable and there are seven filter modes to choose from. It's a DAC purely focused on sound quality.

Specifications

USB: up to 32bit/768k DSD512

Optical: up to 24bit/192k DSD64

Coaxial: up to 24bit/384k DSD128

Line output level: 2.0Vrms

Frequency response (20Hz ~ 20kHz): $\pm 0.2\text{dB}$

SNR: 117dB

THD+N @ 1kHz: 0.0006%

Dimensions: 145 mm x 171 mm x 45 mm

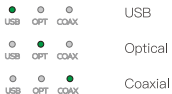
Weight: 2kg

Accessories: Power adaptor, USB cable

Operations

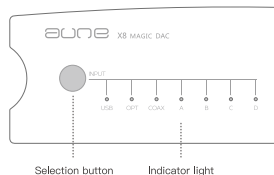
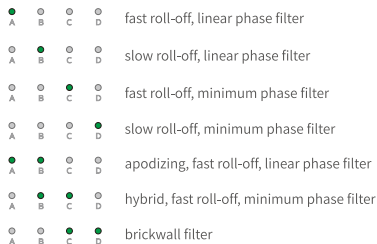
To change Input / filter mode

1. Press the button on the panel to change input



2. Press the button longer to change filter mode

- Press for 2 seconds to indicate the current filter mode
- Press for 4 seconds, the lights will be on and off in turn. Let go when the lights of the desired filter mode is/are on.



Operations

Via USB

1. Connect the X8 and a computer with the USB cable in the package (diagram 1)
2. Set input to USB
3. Play music on the computer
4. Optional: connect the X8 and an amplifier / active speakers via AUDIO OUT (fixed line out)
5. Optional: connect the X8 and an amplifier / active speakers via PREAMP OUT (variable)

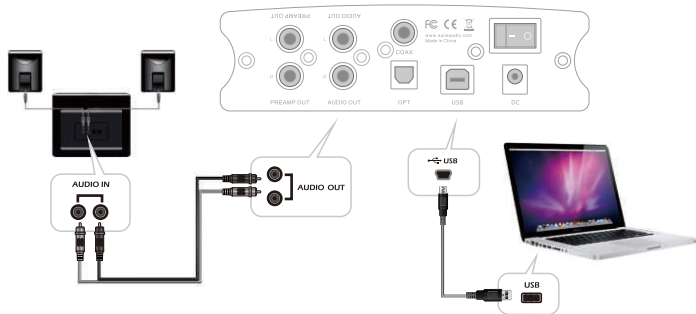


Diagram 1

Operations

Via Coaxial / Optical

1. Connect the X8 and a digital audio device (eg. digital transport, computer main board with digital outputs) (diagram 2)
2. Set input to COAX or OPT
3. Play music on the connected device
4. Connect the X8 and an amplifier / active speakers via AUDIO OUT (fixed line out)
5. Adjust volume (PREAMP OUT only)

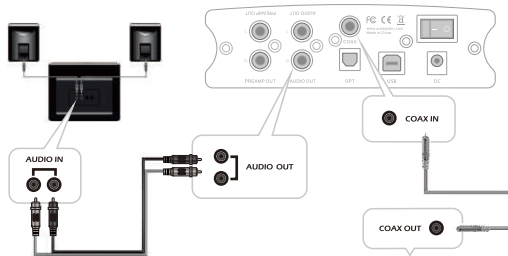


Diagram 2

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