

aune

X8 XVIII

18th Anniversary Edition DAC

User Manual

# Preface

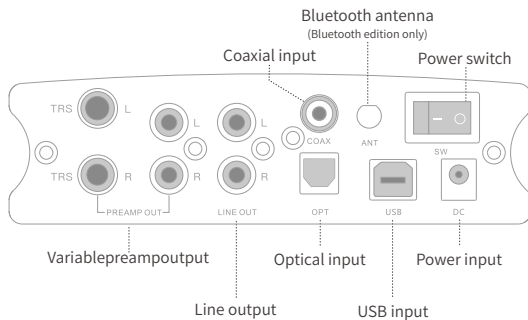
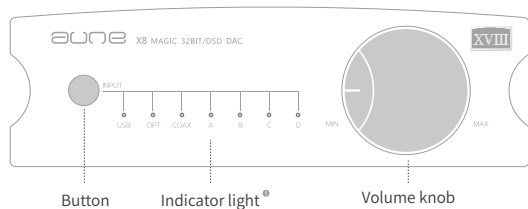
Dear Customers,

Thanks for purchasing the aune X8 XVIII (18th Anniversary Edition) and congratulations on choosing this high-performance DAC.

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

Please read this manual carefully before using the device.

## X8 XVIII at a Glance



# Operations

## To change Input / filter mode

### 1. Press the button on the panel to change input

USB  OPT  COAX      USB

USB  OPT  COAX      Optical

USB  OPT  COAX      Coaxial

### 2. Press the button longer to change filter mode

a. Press for 2 seconds to indicate the current filter mode

b. 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.

A  B  C  D      fast roll-off, linear phase filter

A  B  C  D      slow roll-off, linear phase filter

A  B  C  D      fast roll-off, minimum phase filter

A  B  C  D      slow roll-off, minimum phase filter

A  B  C  D      apodizing, fast roll-off, linear phase filter

A  B  C  D      hybrid, fast roll-off, minimum phase filter

A  B  C  D      brickwall filter

# Introduction

The X8 XVIII DAC uses the FPGA researched and developed by aune, and supports PCM768k DSD512 high-resolution music files decoding. It has the special op-amp interchangeable design and seven filter modes. The Bluetooth edition supports LDAC + aptX HD receiving. It is a DAC purely focusing 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):  $\pm 0.5\text{dB}$

SNR: 121dB

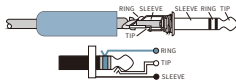
THD+N : 0.00027% 1kHz

Dimensions: 145 mm x 171 mm x 45 mm

Weight: 2kg

Accessories: Power adaptor, USB cable, quick start guide, Bluetooth antenna (Bluetooth edition only)

TRS balanced output definition (aune cable recommended)



Tip=Positive(+or hot)  
Ring=Negative(-or cold)  
Sleeve=Shield or ground

# Operations

## Via USB

1. Connect the X8 XVIII and a computer with the USB cable in the package (diagram 1)
2. Set input to USB
3. Play music on the computer
4. Connect the X8 XVIII and an amplifier / active speakers via AUDIO OUT (fixed line out) or via PREAMP OUT (variable; you can use the volume knob to control volume)

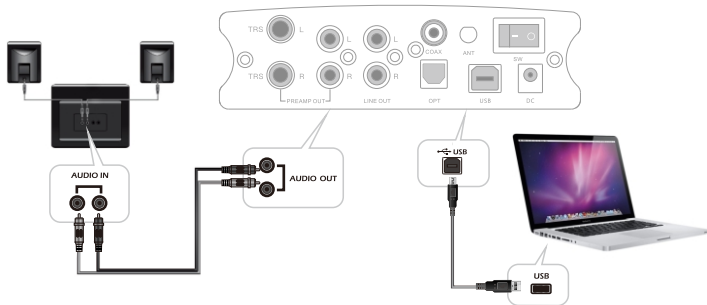
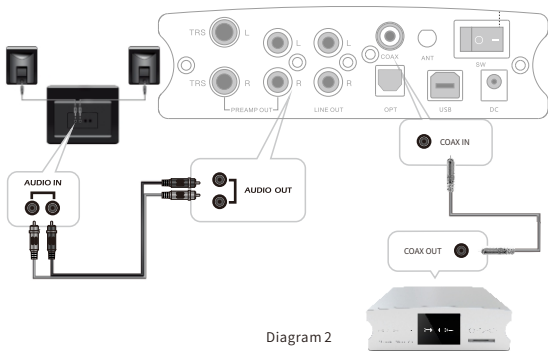


Diagram 1

# Operations

## Via Coaxial / Optical

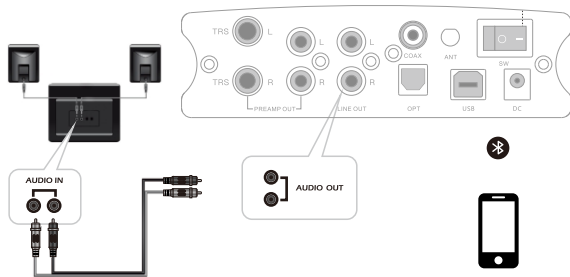
1. Connect the X8 and a digital audio device (eg. digital transport, computer main board with digital outputs) (diagram 2)
2. Set input to COAX or OPT
3. Play music on the connected device
4. Connect the X8 XVIII and an amplifier / active speakers via AUDIO OUT (fixed line out) or via PREAMP OUT (variable;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



# Operations

## Via Bluetooth (Bluetooth Edition Only)

1. Search for device "aune X8 " on the Bluetooth transmitter device (smartphone, computer, etc.)
2. Set input to Bluetooth
3. Play music on the connected device
4. Connect the X8 XVIII and an amplifier / active speakers via AUDIO OUT (fixed line out) or via PREAMP OUT (variable; you can use the volume knob to control volume)

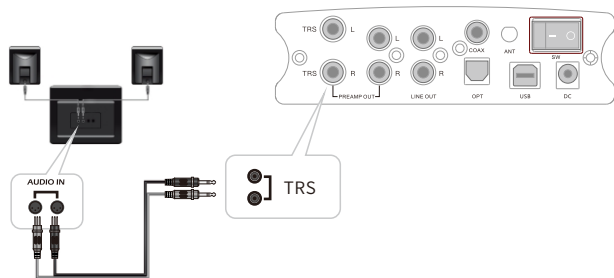




# Operations

## About Balanced Output

1. All inputs of the X8 XVIII support the variable balanced output
2. Connect the X8 XVIII and an amplifier / active speakers with the corresponding TRS cable - the dual-6.35mm plug for the X8 VIII TRS input
3. Use the volume knob to control volume



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