

aune

aune Flamingo Tube DAC

User Manual

Preface

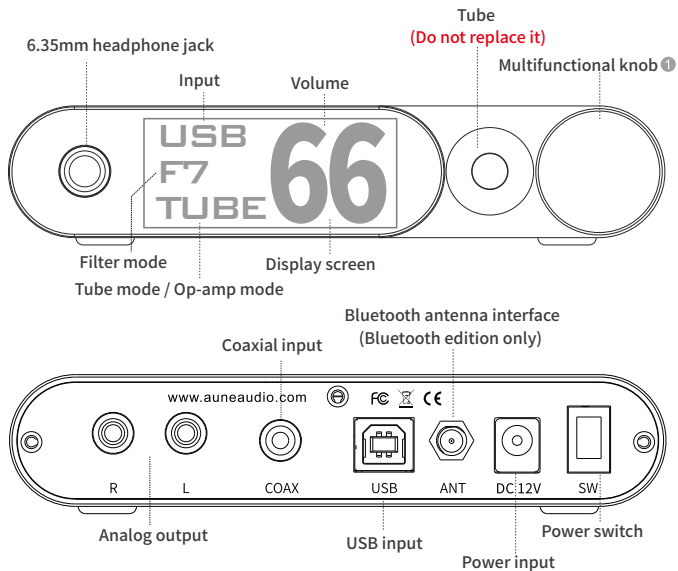
Dear Customers:

Thanks for purchasing the aune Flamingo and congratulations on choosing this high-quality tube DAC.

We sincerely hope the Flamingo will bring you excellent Hi-Fi experience.

Please read this manual carefully before using the device.

Flamingo at a Glance



① Press:

One short press: change input

Double press: switch between tube mode and op-amp mode

Long press: go to filter mode menu

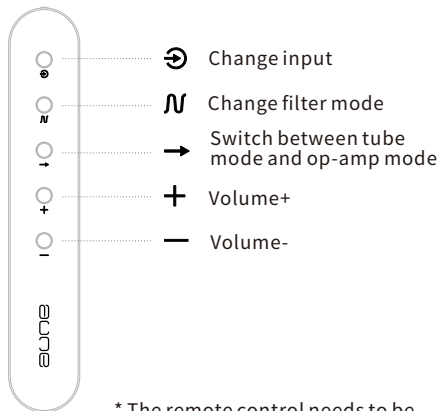
Turn:

Clockwise:

volume+ / filter mode menu: down

Counterclockwise:

volume- / filter mode menu: up



* The remote control needs to be purchased separately

Introduction

The Flamingo is the 5th gen of the aune T1 tube DAC series. USB supports up to 32bit/768k and DSD512. The Bluetooth edition supports aptX HD and LDAC. It uses the ES9038Q2M DAC chip, the 5th gen OP+BUF amp module and the carefully selected tube.

Specifications

USB Input:

Maximum bit depth: 32bit
Maximum sampling rate: 768k
Maximum DSD rate: DSD512

Coaxial Input:

Maximum bit depth: 24bit
Maximum sampling rate: 384k
Maximum DSD rate: DoP128

RCA Line Output:

Output level @0dB OPA: 2 VrmsMAX
TUBE: 1.9VrmsMAX @0dBFS
Frequency response (20Hz~20kHz) OPA: ± 0.02 dB
TUBE: ± 0.6 dB
THD+N @1kHz OPA: 0.0003% @0dBFS Typ
TUBE: 0.02% @ -17dBFS Typ
Noise floor OPA: 4 μ V
TUBE: 20 μ V @AES17(20kHz)

Headphone Output:

Maximum undistorted power: 45mW @300 Ω 0.05%
THD+N @1kHz OPA: 0.0005%
TUBE: 0.035%

Bluetooth (Bluetooth edition only) : 24bit/96k Maximum

Dimensions: 135mm x 103mm x 26.8mm

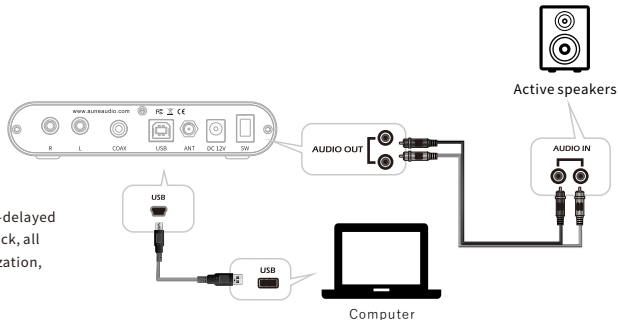
Weight: 1kg

Accessories: power cord, USB cable, Bluetooth antenna (Bluetooth edition only), 6.35mm to 3.5mm adapter, quick start guide, USB Type B (M) to Type C (F) adapter

Operations

Via USB

1. Use the USB cable in the box to connect the Flamingo to a computer.
(For a smartphone or a portable music player, the cable is different)
2. Press the knob on the front panel to make the screen display USB.
(When the signals are detected, USB will stop blinking)
3. Install aune's customized XMOS driver on the computer.
(A smartphone or a portable music player can skip this step)
4. Play music on the computer.
5. Option A: plug a pair of headphones into the headphone jack on the front panel.
Option B: Connect an amplifier or a pair of active speakers to the Flamingo's variable RCA line output.



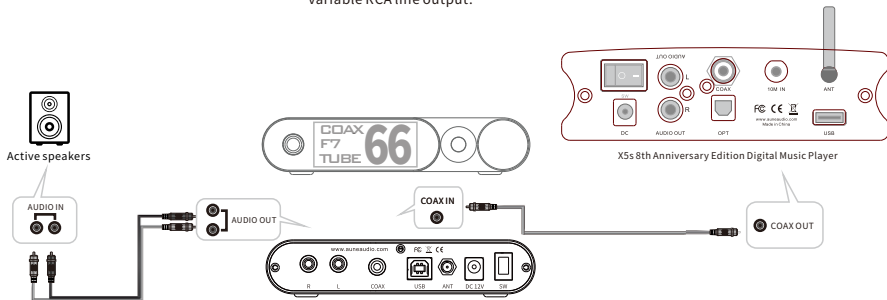
⚠ The Flamingo has this special 3-second-delayed startup setting. During the system self-check, all operations will be invalid. After the stabilization, operations will be valid.

The tube can be hot when the device is working. Do not touch it.

Operations

Via Coaxial

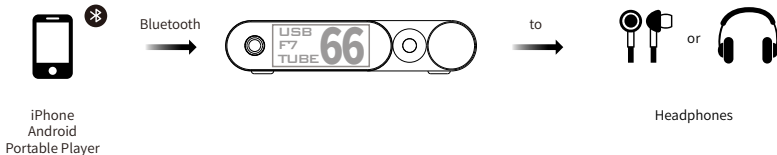
1. Use a coaxial cable to connect the Flamingo to a digital transport/player (eg. the aune X5s).
2. Press the knob on the front panel to make the screen display COAX (When the signals are detected, COAX will stop blinking)
3. Play music on the digital transport/player.
4. Option A: plug a pair of headphones into the headphone jack on the front panel.
Option B: Connect an amplifier or a pair of active speakers to the Flamingo' s variable RCA line output.



Operations

Via Bluetooth (Bluetooth edition only)

1. Search for device "aune Flamingo" on a Bluetooth transmitter device (smartphone, computer, etc.)
2. Press the knob on the front panel to make the screen display BT (When the signals are detected, BT will stop blinking)
3. Play music on the connected device.
4. Option A: plug a pair of headphones into the headphone jack on the front panel.
Option B: Connect an amplifier or a pair of active speakers to the Flamingo's variable RCA line output



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