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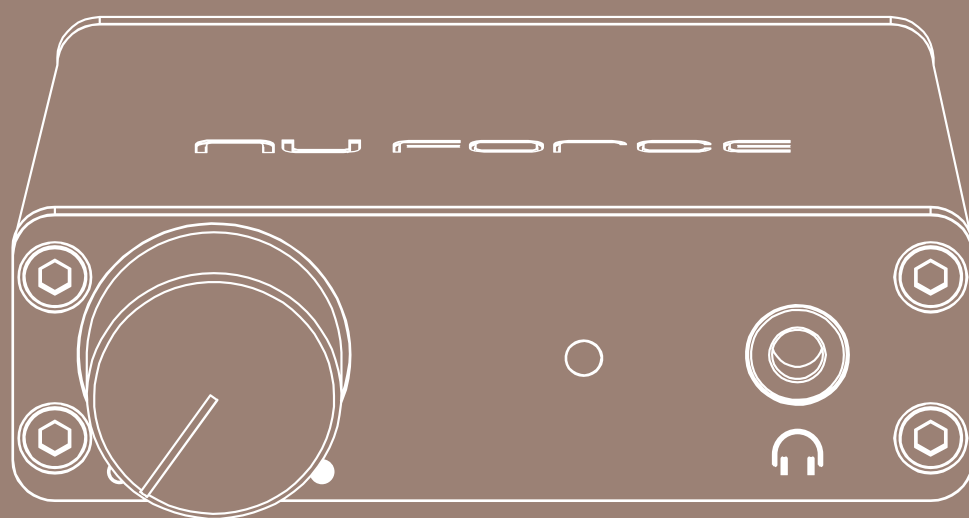
µDAC5

User Manual

NU FORCE

µDAC5

FCC Statement

This device 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 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/TV technician for help.

Safety Precautions

Observe the following Safety Precautions when operating the device.

• Only use the accessories that are included in the package.
• Do not expose the device to direct sunlight.
• Do not place the device in a damp condition or high humidity.
• Do not cover or block any ventilation openings of the device.
• Do not drop the device or subject it to severe impact.
• Do not operate the device during thunderstorms.
• Protect all cables and power cord from being walked on or pinched.
• Keep the device away from water.
• Unplug the power cord before cleaning. Wipe the device with a clean, dry cloth.
• Do not attempt to repair this device yourself.
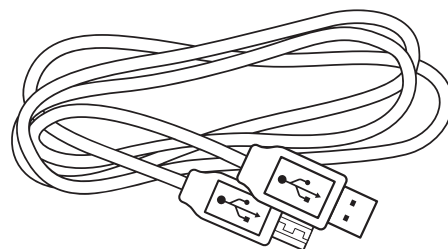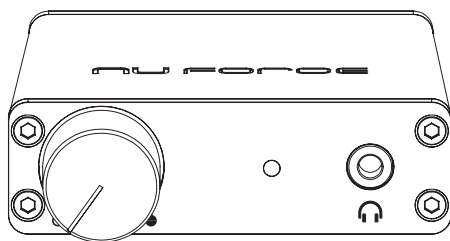• For proper ventilation, make sure there is at least 10cm clearance at the back of the unit.

NU FORCE
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Features

- The ultimate hi-resolution mobile DAC with high-powered headphone amplifier
- Supports virtually all file formats including hi-res files, DSD256 and up to 24bit/384kHz PCM
- ESS SABRE Hyperstream DAC for the best file conversion
- High performance 140mW@32 Ohm headphone amplifier, capable of driving any headphone on the market
- Aircraft-grade aluminum chassis
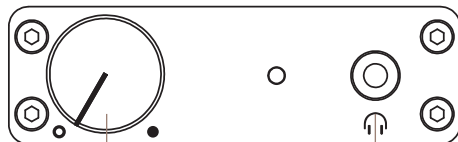- Supports Windows and MAC

Package Contents

&   • Quick start guide   • Safety booklet   • Driver link insert
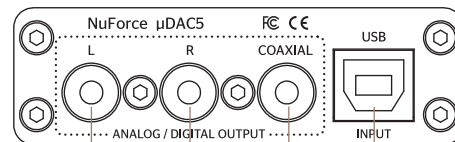
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µDAC5

Product Overview

FRONT

BACK

NuForce µDAC5	FC CE	USB
L	R	COAXIAL
ANALOG / DIGITAL OUTPUT	INPUT

Digital Output
RCA coaxial

Volume Control
Rotary type volume control
with power switch

Headphone Output
3.5 mm

Line Level Pre Output
RCA (Left & Right)

USB
Type B receptacle

GETTING STARTED

If you're using a PC please refer to the driver Installation instructions below and install the driver first. Connect the µDAC5 to your PC or MAC via a USB cable. Plug your headphones into the µDAC5. Turn the volume knob clockwise to turn the µDAC5 on and set the volume to the desired level. The color of the LED will indicate the format of the music being played—white for PCM and blue for DSD.

Driver Installation

Windows

You'll need to install the NuForce µDAC5 Windows driver on your PC in order for it to work with the µDAC5.

• Connect the µDAC5 to your PC before starting the installation.

• Double-click the driver file and follow the on-screen instructions to complete the installation.

• OS requirement: Microsoft Window Vista, 7, 8 or later.

• Please download the latest version at http://nuforce.optoma.com/downloads/

MAC

Mac OS already include USB Audio 2.0 and no special driver is needed

USB Cable recommendation

It is recommended to use an USB cable shorter than 3 meters to avoid any transmission disruption.

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Specifications

Input	USB 2.0 compatible - Digital Asynchronous
Sample Rate	up to PCM 384KHz/24bit and DSD256 (11.2MHz)
Outputs	Headphones 3.5mm, Analog RCA, Coaxial S/PDIF
Power Output	140mW @ 32 ohm
THD+N	0.01%
S/N Ratio	112 dB
Dynamic range	98 dB
Power Requirements	USB-powered
Dimensions	68 x 45 x 21 mm
Weight	100g