

iBasso Portable AMP/USB-DAC *D14 Bushmaster*

Owner's Manual

Main Features:

- Sabre32 ES9018K2M DAC chip
- XMOS USB audio controller, takes up to 32bit/384kHz PCM signal, and up to 256x native DSD signal from Windows PC and Mac computers
- Asynchronous USB transfer
- OPAMP+BUF design, ensures high current and high power output
- Flexible inputs, takes Windows PC and MAC computers USB digital signal (USB Soundcard), OTG audio signal from Android 4.1 or above device, digital signal from iPhone/iPad with camera kit cable, takes coaxial input and optical input
- Works as a DAC+AMP Combo, a standalone AMP, or a standalone DAC (Line out function)
- 2-Setting Gain Switch for impedance matching
- Rechargeable Li-polymer battery with integrated charging system

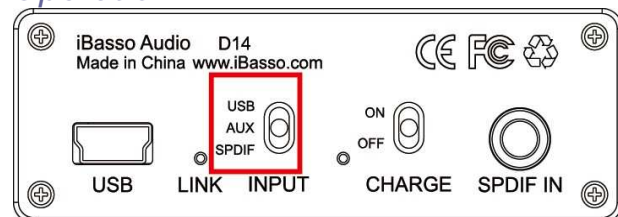
Contents:

iBasso D14, pouch, USB cable, 3.5mm to 3.5mm interconnect, OTG cable, 3.5mm coaxial cable, silicone strap and warranty card.

⚠ Caution:

To protect your hearing, please follow the Operation Manual and do not listen at extremely high volume levels. Extended high volume listening can lead to permanent hearing loss.

Operation:



There is an input switch on the rear panel as shown on the above picture. When the switch is on the AUX position, the D14 works as an AMP only, which means it takes analog input from AUX IN/OUT port. When the switch is on the USB position, the D14 takes digital input from the USB port. When changed to the SPDIF position, the D14 takes coaxial or optical digital input from the SPDIF port, provides line out on AUX IN/OUT port and amplified output on the PHONE port.

The D14 takes various USB digital inputs. First, it takes USB signal from PC and MAC to work as a USB Soundcard. Second, it takes an OTG audio signal from an Android device with Android 4.1 or above. Third, it takes iPhone and iPad's digital output via Camera kit cable.

Charging the Battery:

When the power lamp is flashing, the battery needs to be charged. When this occurs the digital inputs will not work normally. To charge connect the D14 to a computer or a 5V USB adapter via USB cable, then turn the charge switch to ON position. The D14 will start charging. The charge lamp turns to red at that time. It usually takes about 5 hours to charge a completely drained battery. At the point the charge lamp goes off, the battery is fully charged. The D14 has an overcharge protection circuit so you can leave the D14 plugged with no over-charging concerns.

Warranty:

iBasso D14 is warranted to be free from malfunctions and defects in both materials and workmanship for a period of one year from date of purchase, excluding the battery and accessories. Buyer must retain the warranty card, which will be requested at the time of warranty repair.

This warranty does not apply when failure is due to accident, alteration, water damage, misuse, use with incompatible accessories or attachments or failure to follow operating instructions.

At iBasso we always do our utmost to take care of your needs. For further product and warranty information, please go to www.iBasso.com.

Specifications:

Power Source: Built-in 4.2V Li-polymer Battery or external power supply.

Frequency Response: 17Hz~20 KHz +/-1dB (DAC)
17Hz~100 KHz +/-0.2dB (AMP).

Signal to Noise Ratio: 115dB (DAC), 116dB (Amp).
Crosstalk: 106dB (DAC).

Total Harmonic Distortion: 0.0018%@1kHz/-10dB (DAC)

0.0012%@1kHz/max volume (AMP).

Output power: Up to 400mW+400mW into 32ohm.

Gain: +3dB and +9dB (AMP).

Battery Life: 13 hours AMP+DAC or 25 hours if amp only.

Battery Charge Time: 5 hours.

External Power supply: 5V DC.

Recommended Headphone Impedance: 8~300.

Output impedance: 0.1ohm.

Case dimension: 2.4W x 4.1L x 0.8H (inch)
60W x 104L x 20H (mm)

Weight: 149g or 5.26oz

Certificates:

FCC, CE, RoHS