

Impacto universal

High-end cable DAC & Amplifier

Order # 717.673



FEATURES

- Digital-to-Analogue Converter with integrated headphone amplifier
- For the operation with Apple and Android devices
- Buttons to control play/pause, skip tracks and adjust volume
- Hi-Res LED to display the transmission of Hi-Res audio files
- Permanently attached cable to connect to beyerdynamic high-end headphones¹⁾
- Supplied with four cables to connect to smartphones*, tablets* and notebooks / PCs / MacBooks
- Supplied with battery pack

DESCRIPTION

When using the Impacto universal, a Digital-to-Analogue Converter with an integrated headphone amplifier, you can play high-resolution audio files with up to 384 kHz / 32 bits (PCM) or up to 5.6 MHz (DSD) with Apple or Android devices. The powerful Impacto universal is compatible with all low impedance and high impedance headphones to which a mini (3.5 mm) jack plug with a shaft diameter of 7.5 mm can be connected to the ear cups on both sides¹⁾. In this way, the headphones are provided with a digital interface so that the user does not need a jack socket on mobile devices anymore. Due to four different connecting cables, the Impacto universal can be used with various devices: smartphones*, tablets* or notebooks / PC / MacBook with USB output. The Impacto universal works with all devices that have a USB host function or USB OTG (On-The-Go) and with iOS devices with Lightning connection.

Using the buttons, the user can skip tracks and control play/pause as well as the volume of the music playback.

Via the Hi-Res LED, the user can check if Hi-Res audio files are transmitted and played back.

¹⁾More information about the Impacto universal can be found at: www.beyerdynamic.com/impacto

Note: In order to play Hi-Res audio files, a Hi-Res player app or software is required on the playback device.

* Android mobile devices with USB-OTG or iOS devices with Lightning connection

TECHNICAL SPECIFICATIONS

Maximum sample rate	384 kHz / 32 bits, DSD 5.6 MHz
Frequency response	4 - 52,000 Hz
S/N	121 dB(A)
T.H.D.	0.002 %
Channel separation	97 dB
Output power	50 mW at 32 Ω 7 mW at 600 Ω
Output impedance	1 Ω
Voltage supply	5 V, 195 mA (via USB)
Operating / Charging temperature range	0 to 35 °C
Dimensions	63 x 32 x 7 mm
Weight (without cable and battery pack)	12 g
DAC	ESS SABRE9018Q2C SABRE ³² Reference DAC™
Supplied accessories	Impacto universal Battery pack Headphone cable with 2 x 3.5 mm jack plugs, 0.4 m (permanently attached) USB C cable, 0.8 m USB A cable, 1.4 m Micro USB cable (On-The-Go), 0.8 m Lightning cable, 0.8 m Quick start guide

COMPATIBILITY NOTES

Windows:	from Windows 7
Mac:	from Mac OSX10.6.4 (limited to 192 kHz sample rate)
Android:	Android 4.1 and higher with additional 3rd party drivers or media player; from Android 5.0 native support (up to 48 kHz)
	Note: The hardware of the Android device must support USB On-The-Go (OTG).
iOS:	from iOS 7 (only devices with a Lightning connection)