

Impacto essential

High-end cable DAC & Amplifier

Order # 717.398



FEATURES

- Digital-to-Analogue Converter with integrated headphone amplifier
- 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 three cables to connect to smartphones*, tablets* and notebooks / PCs / MacBooks

DESCRIPTION

When using the Impacto essential, 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). The powerful Impacto essential 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 three different connecting cables, the Impacto essential can be used with various devices: smartphones*, tablets* or notebooks / PC / MacBook with USB output. The Impacto essential works with all devices that have a USB host function or USB OTG (On-The-Go). With 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 essential 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

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 $^{\circ}$ C
Dimensions.	63 x 32 x 7 mm
Weight (without cable).	12 g
DAC.	ESS SABRE9018Q2C SABRE ³² Reference DAC TM
Supplied accessories.	Impacto essential Headphone cable with 2 x 3.5 mm jack plugs, 0.4 m (permanently attached) Micro USB cable (On-The-Go), 0.8 m USB C cable, 0.8 m USB A cable, 1.4 m Quick start guide

SUPPLIED ACCESSORIES

- Connecting cable Micro USB to USB type A
- Connecting cable Micro USB to USB type C
- Connecting cable Micro USB to Micro USB (OTG)

OPTIONAL ACCESSORY

Battery Pack. Order # 717.827