VIOLECTRIC

CHRONOS

CHRONOS is the powerful external DAC with headphone amplifier for all mobile phones and other portable devices with or without headphone connector.

Since it became "fashion" to offer modern smartphones without a headphone socket, the preferred headphone often had to stay at home. Or it became obvious that the integrated smartphone electronics missed the right power to drive the headphones.

Violectric tackled this problem and created

CHRONOS

for "Audiophiles On The Road".
This is a top-notch D/A converter combined with a powerful headphone amplifier, protected by a stylish miniature case.

The uncompromising technical data feature 32 Bit and 384 kHz Sample-Rate for PCM signals, DSD is accepted up to DSD 256.
The D/A converter in charge offers a typical dynamic range of 130 dB with distortions as low as -115 dB.
The power consumption is negligible and reduces the operational time of the connected smartphone only insignificantly. The amplifier powers low impedance headphones with up to 2 x 30 mW.

The upscaled and technologically advanced item measures only 44,5 x 24 x 10 mm.

PCM Operation

DSD Operation

The rugged case was milled from a solid piece of aluminum and is surrounded by a shiny beveling. The top and bottom cover are made from glass, the top cover shows the operating modes in different colors.
Be it Apple or Android, be it Windows 10 or iOS, **CHRONOS** will always connect trouble-free without any annoying driver installation.
To cover all input options **CHRONOS** comes with three adapter cables including Lightning!
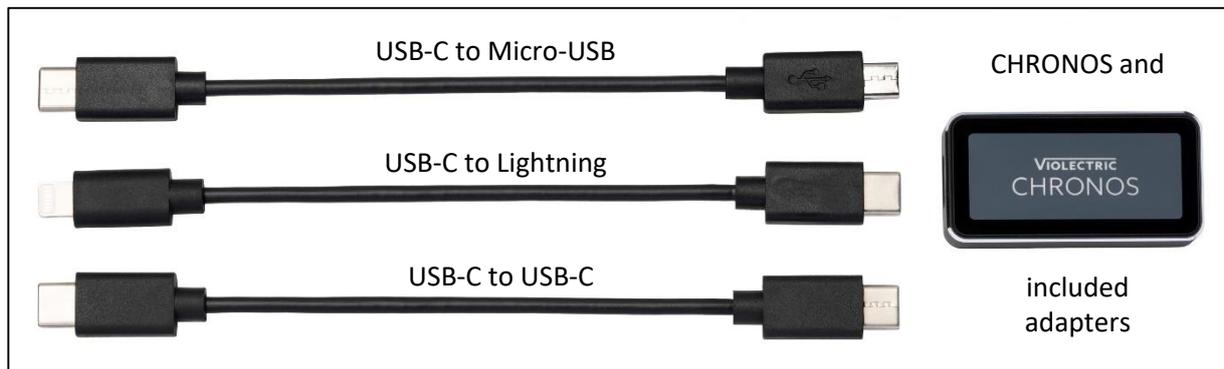
Front   (Original Size)   Back

Volume Control

CHRONOS designed and built in Germany

Technical data:

Input:	USB Type-C
Audio Formats:	PCM up to 384 kHz, up to 32 Bit
	DSD up to 256
Frequency Range:	20 ~ 20 kHz +/- 0,1 dB
THD+N (typical):	-115 dB
Dynamic Range (typical):	130 dB
Output:	3,5 mm headphone socket
Headphone impedance:	16~600 Ohm
Output Power:	2 x 30 mW and 32 Ohm
	2 x 5 mW an 600 Ohm
Operating Power:	Smartphone/Tablet/Computer via USB, max. 200 mA
Included Adapters:	Lightning to USB-C
	Micro-USB to USB-C
	USB-C to USB-C

USB-C to Micro-USB

CHRONOS and

USB-C to Lightning

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USB-C to USB-C

included
adapters