

## Vioelectric DHA V590<sup>2</sup> and DHA V380<sup>2</sup>: handmade reference-quality headphone amplifiers with integrated DA-converters



Vioelectric presents DHA V590<sup>2</sup> and DHA V380<sup>2</sup>, two powerful new audio systems combining headphone amp, DA converter and preamplifier. Digital audio signals are fed into the devices via XLR, RCA, USB or optical inputs, translated into the analogue domain by newly developed ESS-Tech ES9026 PRO converters and played out to up to three different sets of headphones. V590<sup>2</sup> and DHA V380<sup>2</sup> are compatible with high-resolution audio up to 384 kHz and DoP. High-quality Alps potentiometers control the volume and, in the case of the V590<sup>2</sup>, also the balance. The pre-gain circuit optimises the levels for the headphones used. The carefully selected components are assembled by hand in an exquisite housing with a wide range of connection options, making the Vioelectric DHA V590<sup>2</sup> and the DHA V380<sup>2</sup> the perfect centrepieces of a sophisticated home audio system. The DHA V590<sup>2</sup> PRO replaces the volume pot with a 256-step reed relay circuit.

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**Gauting, Germany, 29<sup>th</sup> July 2021** – With its innovative products, Vioelectric has always met the highest demands regarding sound quality. The converters and headphone amplifiers from the manufacture near Lake Constance enjoy an excellent reputation and are considered an insider tip among connoisseurs. Vioelectric lives up to this reputation with the second editions of the digital headphone amplifiers DHA V590<sup>2</sup> and the V380<sup>2</sup>, raising the bar a little higher once again.

### Summary

**Vioelectric introduces DHA V590<sup>2</sup> and DHA V380<sup>2</sup>**

### **Product name**

DHA V590<sup>2</sup> and DHA V380<sup>2</sup>

### **Manufacturer**

Vioelectric

### **Price**

DHA V590<sup>2</sup> PRO: 3,799.00 Euros  
DHA V590<sup>2</sup>: 3,299.00 Euros  
DHA V380<sup>2</sup>: 2,299.00 Euros

### **Availability**

Early August

### **Distributor**

cma audio GmbH

### **Websites**

[www.cma.audio](http://www.cma.audio)  
[www.vioelectric.de](http://www.vioelectric.de)

### Images

### **Product picture**

[http://cmaaudio.rtfm-pr.de/cmaaudio\\_vioelectric\\_DHA\\_V590-2.jpg](http://cmaaudio.rtfm-pr.de/cmaaudio_vioelectric_DHA_V590-2.jpg)

### **Image archive**

[http://cmaaudio.rtfm-pr.de/cmaaudio\\_vioelectric\\_DHA\\_V590-2\\_V380-2.zip](http://cmaaudio.rtfm-pr.de/cmaaudio_vioelectric_DHA_V590-2_V380-2.zip)

### Devices for testing

If you are interested in a sample device for review purposes, please write us an e-mail.

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**Converter and headphone amplifier for audiophiles**

Both the Violectric DHA V590<sup>2</sup> and the DHA V380<sup>2</sup> are comprehensive audio systems combining first-class conversion with a powerful headphone amplifier. The reference-level build quality guarantees an outstanding listening experience. With a variety of connection and switching options, the V590<sup>2</sup> and V380<sup>2</sup> constitute the ideal central control element in a sophisticated home audio system. Up to three headphones can be driven via one balanced and two unbalanced front connections. Depending on the type of headphones, level adjustments can be made with pre-gain switches on the back of the amplifier. The V590<sup>2</sup> also features a balanced XLR stereo input, a motorized volume and a balance knob, and can be remote-controlled.

**Highest converter quality and signal processing**

Both the Violectric DHA V590<sup>2</sup> and the DHA V380<sup>2</sup> employ newly developed ESS-Tech ES9026 PRO converters to translate the digital input into analogue output. Digital signals are converted in the highest possible quality from the formats PCM with up to 384 kHz and DSD-over-PCM (DoP) into analogue audio. From hi-res streaming to the own music collection, V590<sup>2</sup> and V380<sup>2</sup> perfectly reproduce every instrument, every tone, every detail of a musical performance.

**Wide range of connection options**

With the connection options offered, the Violectric DHA V590<sup>2</sup> and DHA V380<sup>2</sup> offer outstanding versatility. An optical connection, a USB connector for PCM and DSD and a coaxial input for S/PDIF plus, on the V590<sup>2</sup>, an XLR socket for AES/EBU are available as digital inputs. The analogue inputs consist of two unbalanced RCA stereo connections and an additional balanced XLR stereo input on the V590<sup>2</sup>. The analogue outputs on both devices are divided into a balanced and two unbalanced headphone connections on the front, while the back features an unbalanced RCA stereo connection and a balanced XLR stereo connection. The rear outputs can be switched to include or omit the main volume control. The various inputs and outputs can be selected using the remote control and buttons (V590<sup>2</sup>) or toggle switches on the front of the housing (V380<sup>2</sup>). On the V590<sup>2</sup>, headphones and line outputs can be used at the same time.

**High quality components installed by hand**

In order to meet their own standards, and those of their customers, Violectric consistently takes great care choosing and processing materials and components; the DHA V590<sup>2</sup> and DHA V380<sup>2</sup> are no exception. The top-quality conversion by the ESS-Tech ES9026 PRO then passes an Alps RK 27 (motorized on the DHA V590<sup>2</sup>) with eight transistors for the unbalanced headphone channels and 16 transistors for the balanced headphone channel. The balance control of the V590<sup>2</sup> is also realised with an Alps RK 27. In the PRO variant of the V590<sup>2</sup>, a sophisticated reed relay circuit with 256 steps replaces the potentiometer to achieve even greater precision. Additional circuits protect the devices from direct current, overload or overvoltage and delay the switch-on process to protect the headphones. All components are carefully assembled by hand and installed into a subtle, black anodized housing with a six (V380<sup>2</sup>) or eight (V590<sup>2</sup>) millimetre thick front panel.

**Price and availability**

The Vioelectric DHA V590<sup>2</sup> and the Vioelectric DHA V380<sup>2</sup> are distributed exclusively by cma audio and will be available in early August 2021. The remote control is included with the V590<sup>2</sup>. The MSRP are 3,799.00 euros for the DHA V590<sup>2</sup> PRO, 3,299.00 euros for the DHA V590<sup>2</sup> and 2,299.00 euros for the DHA V380<sup>2</sup>, including VAT.

**About cma audio / Lake People electronic**

As a company group, cma audio GmbH and Lake People electronic GmbH are ideal partners and service providers for products and solutions in audio technology. Lake People develops and manufactures high-quality audio electronics and cma audio distributes audio products, systems and services.

With its brands Lake People, Vioelectric and Niimbus, Lake People electronic GmbH provides both professional and audiophile markets with excellent headphone amplifiers, converters and tools. The claim "Made in Germany" defines the company and its 35-year tradition. The entire development and manufacturing take place under the watchful eye of founder and mastermind Fried Reim in Constance, with even most of the suppliers coming from Germany.

Distribution is handled by cma audio GmbH, the experienced and globally operating value added distributor. For German brands, cma audio opens markets around the world, while also granting international brands wide-ranging access to European markets. Renowned brands like Audeze, Chord Electronics, IsoAcoustics, MARIAN, Mogami, OEAudio, Prism Sound and SPEAR Labs trust in the services of cma audio. The team, located in Gauting near Munich, Germany, passionately and competently care for the company's exclusive portfolio and have established cma audio as a reliable partner for resellers, online shops, system houses and professional as well as institutional users for over 20 years.

[www.cma.audio](http://www.cma.audio)

[www.lake-people.de](http://www.lake-people.de)