HIGH-FIDELITY HEADPHONES | 2019

FOCAL®
LISTEN BEYOND

We, Focal,
strive to create sound
equipment that honours the artist's
musical creation and empowers you to
feel a new dimension of the music. We want
every nuance to be revealed with precision and
purity. To do this, we push the limits of the current
boundaries in sound technology, and go beyond
the traditional approach thinking differently.
With Focal, let the sound thrill your senses
until you go beyond the usual perception
of music and discover new fields
of emotion.

LISTEN BEYOND

“ACOUSTIC SOUND PURITY”

For four decades, Focal has been applying its unique sound signature to speaker drivers and high-end loudspeakers. We are renowned worldwide for our innovations which have given rise to exclusive technology.

We are proud that our expertise and knowledge is 'Made in France' – 100% of Focal products are designed and developed by our engineers and part of our collection is produced in our French workshops. On-going research in the field of acoustics means that all Focal products benefit from constant innovation. This technological heritage, protected by numerous patents, ensures clear, powerful and natural sound reproduction, providing the very best products in each category.

With the High-Fidelity Headphones Collection and its associated electronics, Focal invites you to live an entirely new experience, beyond the sound, in a world of lost memories, of extraordinary dreams and emotions. This experience embodies our intention to make each moment in life a moment of intense pleasure and exceptionality. ‘Listen Beyond’.

Focal meets the challenges imposed by the constant evolution of technology and people’s need to listen to music. Without compromising the music’s quality whatsoever, we apply our expertise to serve a wide range of uses : domestic, mobile, connected... Our products are manufactured with the same high requirements and elements which made our Home Classic range so successful.

Innovation and performance, the highest levels of expertise and pleasure are our brand values. They define Focal’s sound signature, and unique goal to take you beyond sound.

NEW

ARCHE & STELLIA

Stellia are the ultimate closed-back circum-aural headphones, both in terms of acoustic performance and prestige of the materials used, such as the full grain leather chosen. The full-range speaker driver with 'M'-shaped pure Beryllium dome is a concentration of innovations that lies behind this incredible listening pleasure. For the ultimate experience, Focal developed an high-end electronic solution: **Arche**, an audiophile DAC and amplifier designed and manufactured in France. Arche is Focal's electronic solution dedicated to headphones which combines a digital-analog converter, two pure class A amplification modes as well as presets dedicated to Focal headphones to make sure you get the absolute best from this ultimate combination.

HEADPHONES & ELECTRONICS

In 2016, Focal set itself a major challenge: to design high-end open-back headphones. That is how Utopia and Elear came to be developed, offering audiophiles incredible listening quality, akin to the best acoustic loudspeakers. Because, for the first time, headphones integrated fully open-back full-range speaker drivers.

Utopia and Elear had thus inherited the best of Focal technology developed for the Grande Utopia loudspeaker as well as a unique design. Then, in 2017, Clear, open-back headphones, came to complete the range, providing their own range of high performers. But that was only the beginning...

In 2018, Focal unveiled Elegia, its very first high-end closed-back headphones with technologies and finishes that are unmatched in their category. Then in 2019, Stellia stormed into the collection, establishing themselves as the ultra high-end reference in closed-back headphones. And to fully enjoy the full performances of your headphones, Focal designed and developed an audiophile DAC and amplifier: Arche.

Utopia are 'THE' flagship high-fidelity open-back headphones of Focal: all the choices made, when it comes to the technologies and the materials used, simply push the boundaries of audiophile listening...

The even more open design of **Clear** eliminates the impression of a reduced listening space, usually felt when listening through headphones. Clear stands out as a benchmark in open-back headphones for home.

Elear audiophile open-back headphones are inspired by the technologies originally developed for Utopia. Incredible performance and mechanical design: Elear will seduce all those who love music and long listening sessions.

Stellia are the ultra high-end reference in closed-back headphones. Every component has been meticulously researched - making Stellia headphones for home and on-the-go use - the depiction of an unwillingness to compromise and distinct French luxury...

First closed-back headphones, **Elegia** delivers a precise and powerful sound. With Elegia, the listening experience is unique thanks to the ability to connect it to a portable audiophile player and its incredible insulation.

Digital-analog converter, pure class A amplifier: **Arche** is the ideal all-in-one solution to enjoy your high-end headphones but also drive your home hi-fi system. This solution also offers presets for every set of Focal Premium headphones to make sure you get the absolute best from this ultimate combination.

OPEN-BACK HEADPHONES

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Acoustic sound purity

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Open-back reference headphones

03 ELEAR
A high-fidelity experience

CLOSED-BACK HEADPHONES

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Acoustic sound purity, everywhere

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Experience music everywhere!

AMPLIFIER

06 ARCHE
Amplify your emotions

UTOPIA

MADE IN FRANCE

Acoustic sound purity

Utopia embodies the experience of intensely personal listening sessions at home. They are Focal's reference headphones, the result of forty years of innovation, development and manufacturing of speaker drivers and loudspeakers in France.

As a world first, Utopia features the only full range and fully open-back loudspeaker, built within a pair of headphones, using pure Beryllium formed in the brand new 'M'-shape dome. The acoustic quality of this exclusive solution allowed Focal to avoid the use of any crossovers or passive filtering processes to achieve a frequency response from 5Hz to 50kHz! The equivalent of two tiny loudspeakers over your ears...

The listening experience is outstanding in its realism, natural sound reproduction, dynamics and clarity. When listening to them, the headphones virtually disappear and the audio signal is revealed with a level of precision never achieved before Utopia.

Design is also a key point, it was important to create headphones that were as comfortable as beautiful. Another achievement with Utopia was removing the conventional rotation included on the yoke and its integration into the headband to ensure true design purity. The true lambskin leather, used on the cushions, reinforces the classically elegant lines, as well as the expression of comfort and overall performance. These unique headphones received unprecedented acclaim within days of their launch, both from press and music-lovers.

ear BEST OF 2017 the ear.net

hi-finews OUTSTANDING PRODUCT

HI-FI WORLD

2018 innerfidelity EDITOR'S CHOICE

2018 SOUND IMAGE AWARDS HEADPHONES OF THE YEAR OVER $2000 Focal Utopia

innerfidelity WALL OF FAME

02

CLEAR

MADE IN FRANCE

Open-back reference headphones

Clear provides listening worthy of the best speakers. A year after the launch of Elear and Utopia, the latest addition to Focal's top-end headphones line is built around the new generation of full-range speaker. This makes them capable of precisely revealing the tiniest details of musical creation.

With its design surpassing Elear in terms of openness, Clear makes you forget that you are wearing headphones. The commonly-felt impression with headphones of reduced listening space disappears, thanks to the headphones' design. The technology chosen, and the Aluminum/Magnesium alloy 'M'-shape dome, preserve breadth and dynamics worthy of the best high-fidelity speakers, thanks to the new copper, unsupported coil.

This thoughtful design also preserves listening realism: micro-perforated ear cushions and the shape of the headband make them light, comfortable and even more open. The sound is characterised by unparalleled homogeneity, guaranteeing the best performance.

These headphones, made in France, will become essential: they come with a rigid carrying case and three cables providing the ideal solution for different types of audio equipment.
With its reference headphones, Focal continues its quest for absolute sound.

FOCAL
Stella
Beryllium
Fabriqué en France
FOCAL

ELEAR

MADE IN FRANCE

A high-fidelity experience

Elear is an audiophile open-back headphones manufactured in France by Focal. Inspired by the best technology and acoustic research that went into designing Utopia, our flagship headphones, they offer truly exceptional performance. The mechanical design provides remarkably smooth and seamless style due to the solid Aluminum yoke. They also feature memory foam ear cushions for maximum comfort, an essential quality for long listening sessions.

Finally, the exclusive speaker drivers with their Aluminum/Magnesium 'M'-shape domes enable Elear to provide strikingly realistic sound. Be inspired by the sound of a high-fidelity system with a pair of Elear headphones, for hours of listening pleasure.

The result of this detailed engineering is an immersive experience - the headphones disappear and the music takes over.
The research that went into Utopia headphones also benefited Elear, including the yoke rotation situated within the headband and use of special microfibre fabric on the cushions to fit all head shapes and sizes with comfort.

04

STELLIA

NEW

MADE IN FRANCE

Acoustic sound purity, everywhere

Equipped with several exclusive innovations, Stellia are a pair of ultra high-end closed-back headphones that perfectly depict Focal's cherished unwillingness to compromise along with distinct French luxury.

The concept behind Stellia can be summed up as follows: adapting Utopia open-back headphones... into closed-back headphones. But with the laws of acoustics being steeped in subtlety, Stellia provoked additional specific, and still cutting-edge, research: the result is a pair of headphones that integrate a new generation of electrodynamic transducers that are able to operate within a small space whilst delivering an extended frequency response (5 Hz - 40 kHz).

The full-range speaker driver with 'M'-shape pure Beryllium dome is a concentration of innovations that lies behind this incredible listening experience, never before seen in closed-back headphones. The frameless voice coil, combined with the properties of Beryllium, provides a moving part that is unparalleled in its lightness. This results in the reproduction of the tiniest details, in the unconditional respect of the dynamics whilst delivering remarkable tonal balance.
Finally, when connected to a portable audio player, these headphones deliver top performance: with Stellia, you can take pure sound with you wherever you go.

And Stellia doesn't scrimp on style and sophistication either. Because, at Focal, innovation goes beyond technology; it influences product use and aesthetics. Stellia continues the mechanics of the headband and yoke developed for Utopia, offering unfailing comfort, whatever the size and shape of your head and face, in large part due to the high resiliency memory foam used in the full grain leather ear pads. Finally, the two finishes in cognac and mocha round off the look of these star audiophile headphones to a tee.

ELEGIA

Experience music everywhere!

Enjoy an incredible listening experience in total privacy, without a noisy environment disturbing this moment of pleasure or worrying about annoying the person next to you: this is the promise made and kept by Elegia.

In these unprecedented, high-end closed-back headphones, we have combined the best of our skilfully created technologies, developed and assembled in our workshops in France. Elegia incorporates a new generation of exclusive full-range speaker drivers capable of operating in a small inner environment whilst ensuring exceptional dynamics and the most precise sound reproduction.

Zero resonance, excellent soundproofing: the naturalness and realism of the sound is striking from the first few seconds of listening. Whether it's the motor, the frameless copper voice coil, the dedicated 110 micron surround or the "M"-shape Aluminium/Magnesium alloy inverted dome, Elegia's speaker drivers are a mass of innovation dedicated to sound purity and power. And when connected to portable audio players, these headphones are incredibly high-performing.

Technological prowess is met by absolute comfort and elegance, too. With its well-mastered geometry, the Elegia headband moulds perfectly to the head whilst providing the perfect amount of grip for on-the-go use. The memory foam microfibre earpads as well as the yoke, which also moulds perfectly to the wearer's face, also play their part when it comes to providing comfort during long listening sessions. And their elegance is not to be understated either: noble materials such as leather, solid aluminium and microfibre finish off these benchmark closed-back headphones to a tee.

Stereo+ Spesielt anbefalt Focal Elegia

Stereo+ ÅRETS PRODUKT Focal Elegia

ARCHE

NEW

MADE IN FRANCE

Amplify your emotions

Focal has established itself as a reference and a key player in the high-end headphones market. Today, the manufacturer continues to develop ultra high-performance solutions in the headphones sector with the launch of Arche, an audiophile DAC and amplifier that is entirely designed and manufactured in France.

Arche is a unique electronic solution which combines a digital-analog converter as well as two pure class A amplification modes (voltage, hybrid) designed especially for headphones. Arche also offers presets for every set of Focal headphones to make sure you get the absolute best from this ultimate combination. Music lovers therefore get an all-in-one solution for their headphones, whilst benefiting from the performance delivered by the converter to drive their home hi-fi system.

Upon entry of the digital signal, Arche offers a resolutely audiophile design through its uncompromising dual mono construction, from signal processing to amplification. These converters have an extended operating range of 768kHz - 32 bits specially designed to ensure the pure and perfect reproduction of high-resolution audio formats: Arche thus processes PCM format signals up to 384kHz, as well as DSD 256. As for power, the dual mono design continues with two amplification channels equipped with a dedicated power supply. Each amplifier operates at pure class A, the ultimate in High-Fidelity, regardless of the impedance of the headphones used.

There is the option to select two amplifier types; every user gets amplification to suit their headphones and their favourite tonal balance. The cherry on the cake? Arche comes with a solid aluminium headphone mount, inspired by the brand's logo. Accessing and storing the headphones is therefore quick and easy, as well as looking incredible and saving on space!

With Arche, Focal provides an ultra-high-standard ecosystem in the headphones and associated electronics world for the Premium to high-end segments.

These audiophile headphones feature elegant, high-quality materials, and comfort has been greatly enhanced with our unique mechanical design. The smallest details were taken into account, the constant bend of the headband, an even distribution of weight, the design of the yoke and the memory foam ear-pieces. They integrate the only full-range speaker driver, using pure Beryllium formed in the brand new 'M'-shape dome.

Clear is an audiophile circum-aural open-back headphones. The 'M'-shape Aluminum/Magnesium dome benefits from a copper voice coil. This provides remarkable dynamics over the entire audio spectrum; bass that is always controlled, even at high volumes, and exemplary linearity in the high-end.

Elear is equipped with the first totally open-back full-range speaker drivers with Aluminum/Magnesium 'M'-shape domes inspired by our Utopia headphones for dynamic and exceptionally precise audio. Aluminum yoke, leather headband, microfibre ear cushions: all the materials used for Elear were chosen with care to optimise comfort and reduce the weight of the headphones.

Ultimate circum-aural, closed-back headphones, Stellia are a concentration of innovations that lies behind an incredible listening experience, never before seen in closed-back headphones. This results in the reproduction of the tiniest details, and the purest sound will follow you everywhere thank to Stellia's top performances when connected to a portable audio player.

Elegia is an audiophile circum-aural closed-back headphones. The full-range speaker driver provides great elongation, at the heart of extremely dynamic sound. The frameless voice coil, the reason for the light weight of the moving part, is responsible for reproducing the tiniest details. Its incredible tonal balance rounds off this unique benchmark solution.

	UTOPIA	CLEAR	ELEAR
• Type	Open-back, circum-aural headphones	Open-back, circum-aural headphones	Open-back, circum-aural headphones
• Impedance	80Ω	55Ω	80Ω
• Sensitivity	104dB SPL / 1mW @ 1kHz	104dB SPL / 1mW @ 1kHz	104dB SPL / 1mW @ 1kHz
• THD	<0.2% @ 1kHz / 100dB SPL	<0,25% @ 1kHz / 100dB SPL	<0.3% @ 1kHz / 100dB SPL
• Frequency response	5Hz - 50kHz	5Hz - 28kHz	5Hz - 23kHz
• Driver	$1^{37/64''}$ (40mm) pure Beryllium 'M'-shape dome	$1^{37/64''}$ (40mm) Aluminum / Magnesium 'M'-shape dome	$1^{37/64''}$ (40mm) Aluminum/ Magnesium 'M'-shape dome
• Net weight	1.08lb (490g)	0.99lb (450g)	0.99lb (450g)
• Cables and Connectors	• 10ft (3m) unbalanced cable 1/4" (6.35mm) TRS Jack (with Lemo® connectors)	• 10ft (3m) balanced cable (4-pin XLR) • 10ft (3m) unbalanced cable 1/4" (6.35mm) TRS jack • 4ft (1.2m) unbalanced cable 1/8" (3.5mm) • Stereo Jack adapter, 1/8" (3.5mm) female - 1/4" (6.35mm) male	• 10ft (3m) unbalanced cable 1/4" (6.35mm) TRS Jack
• Carrying case	-	$9^{27/32''}$x$9^{29/64''}$x$4^{23/32''}$ (250x240x120mm)	-

STELLIA	ELEGIA
Closed-back, circum-aural headphones	Closed-back, circum-aural headphones
35Ω	35Ω
106dB SPL / 1mW @ 1kHz	105 dB SPL / 1 mW @ 1 kHz
0.1% @ 1kHz / 100 dB SPL	0.1 % @ 1 kHz / 100 dB SPL
5Hz - 40kHz	5 Hz-23 kHz
$1^{37/64''}$ (40mm) pure Beryllium 'M'-shape dome	$1^{37/64''}$ (40 mm) 'M'-shape Aluminium/Magnesium dome
0.96lb (435g)	0.95 lbs (430g)
• 4ft (1.2m) unbalanced cable with 1/8" (3.5mm) TRS Jack connector • 10ft (3m) balanced cable with 4-pin XLR connector • Stereo Jack adapter, 1/8" (3.5mm) female – 1/4" (6.35mm) male	• 4ft (1.2m) unbalanced cable with 1/8" (3.5mm) TRS Jack connector • Stereo Jack adapter, 1/8" (3.5mm) female - 1/4" (6.35mm) male
$9^{27/32''}$x$9^{29/64''}$x$4^{23/32''}$ (250x240x120mm)	$9^{27/32''}$x$9^{29/64''}$x$4^{23/32''}$ (250x240x120mm)

Arche combines a digital-analog converter as well as two pure class A amplification modes (voltage, hybrid) designed for headphones. Ideal to sit between the different digital sources and your headphones, Arches allows you to fully enjoy your music and the ability of your audiophile solution. Presets for each Focal high-fidelity headphones are offered to make sure you get the absolute best from this ultimate combination.

ARCHE

• **Type**	DAC and headphones amplifier	
• **Max. power**	2 x 1W @ 1kHz under 32Ω	
• **Frequency response**	10Hz to 100kHz	
• **Total Harmonic Distortion (THD)**	< 0,001%	
• **Signal-to-noise ratio**	> 116dB @ 32 Ω (Class A)	
• **Power supply**	85 to 265 Vac / 47 – 63Hz	
• **Dimensions (H x L x D)**	321 x 200 x 297mm	
• **Weight**	10.25 lbs (4.65kg)	
• **Audio inputs**	Unbalanced analog RCA	
	Digital S/PDIF coaxial (RCA): Max. sampling frequency	192kHz (AES3-compatible)
	Max. resolution	24-bit
	Optical digital (TosLink) Max. sampling frequency	192kHz (AES3-compatible)
	Max. resolution	24-bit
	Digital USB (USB-B): standard USB: USB 2.0 / USB 3.0 – USB audio class	
• **Audio outputs**	Balanced analog 3-point XLR	
	Unbalanced analog RCA	
• **Firmware update**	via USB port (USB-A)	

classic loudspeakers

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FOCAL

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