

Designer of glass loudspeakers

WATERFALL[®]
AUDIO
DESIGN

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DESIGN



made in France

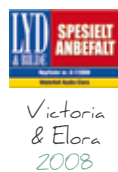
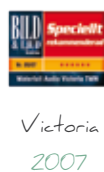


Waterfall was established in France in 1996 and introduced its first glass loudspeaker, the Victoria, onto the market in November 1999 after 4 years of intensive research and development. Ten years on, Waterfall is now distributed in over 30 countries and has enjoyed purchases from many prestigious customers and received many awards worldwide.

The highly original use of glass for our loudspeakers imposed a radical rethink of techniques used in the industry. Our continuous search for ultimate performance combined with beautiful design has led us to implement innovative design solutions and adopt state of the art manufacturing techniques.

From conception to finished product, Waterfall loudspeakers achieve a fine balance between hand craftsmanship and the use of the highest precision machines. Whether you are looking for a floor standing, on-wall or in-wall loudspeaker, you will find a perfect solution in the Waterfall range. Each model has been designed to give you the very best performance of your favourite piece of music or film soundtrack whilst offering a stylish design that blends perfectly into any interior.

Just imagine a loudspeaker and Home-Cinema system that will enhance your way of life !





Dramatic style and luxury at every level !
Stunning 47" towers of exclusive diamond
glass, a specially engineered horn tweeter,
solid aluminium components and some parts
finished in hand stitched Nappa leather.

Niagara is a sophisticated blend of
handcraftsmanship and innovative technology,
delivering a rich natural and open sound
beyond expectations. This unique design is
the response to a need for ultra High End
audio speakers with cutting edge design.

technical details on last page

Niagara
"ADT" technology

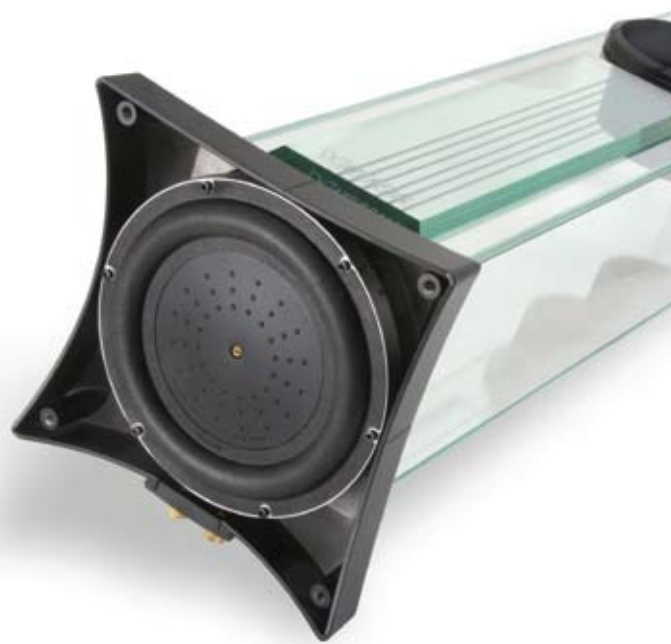




Prestigious and elegant, delivering breathtakingly dynamic and full bodied sound, these glass enclosures are individually handcrafted and produce the visual effect of drivers that seem to “float” invisibly in the room.

Exceptional Hi Fi speakers, they can also be teamed with our satellites and subwoofers to create Home Cinema packs giving formidable performance with unequalled elegance and discretion.

[technical details on last page](#)



Victoria Evo
"ADT" technology



Iguassu Evo
"ADT" technology





Elora center with optional aluminium shelf stand

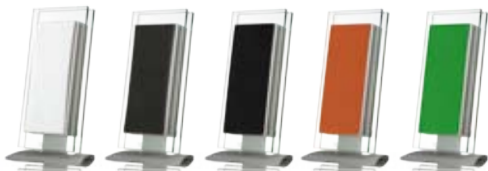


Beautifully sculptured with its double sheet of glass and solid aluminum structure, Elora is designed for use as a center (horizontal version) or left & right (vertical version) speaker. It can be fixed on-wall (wall bracket included) or on its optional shelf stand.

Ultra thin and elegant, Elora provides unequalled visual appeal and sonic refinement. A Sound that is transparent, detailed and musically articulate.

Elora
"Heatstream" technology

and more



Optional colored grills



Optional aluminium shelf stand

technical details on last page



Hurricane Evo

"Heatstream" technology



magnetic grill optional colors



Glass and aluminium for an unprecedented level of performance reaching a new sonic dimension. Carefully engineered to combine smooth, accurate response and very high power handling abilities, yielding transparent

and impactful dynamics. This on-wall satellite, a little over 3 inches in depth, can also be placed on its optional bookshelf or glass and aluminium stand to match its body color. In multiroom set ups, Hurricane Evo can be used without a subwoofer.

technical details on last page

and more



Optional shelf stand silver, black or white

Optional glass and aluminium stand silver, black or white

With its already great choice of colors and fixings, Hurricane Evo is now available in its in-wall version, with an amazing 3.15 inches thickness, very easy to install, great sound, great performances all around.

NEW



NEW

Sério
"Heatstream" technology



┌ magnetic grill optional colors ─┐

Clear perfection, extremely compact, stylish and performing, made of glass and aluminium, this on-wall mini satellite has its own wall bracket, and shelf stands, but

optional glass and metal tall stands can be purchased. Surround yourself in Style for both Hi Fi and Home Cinema.

and more



shelf knobs included



Optional glass and aluminium stand silver, black or white

Now offering multiple choices of colors and fixings.

High Force subwoofers

- Models for Hi Fi and home cinema use



With High Force, the new generation of Waterfall subwoofers, comes the ideal solution for an elegant yet efficient Audio Video, Hi Fi system.

These subwoofers deliver a low frequency punch that is accurate, sharp, full of impact and depth. Each model of the range is unique within its category.

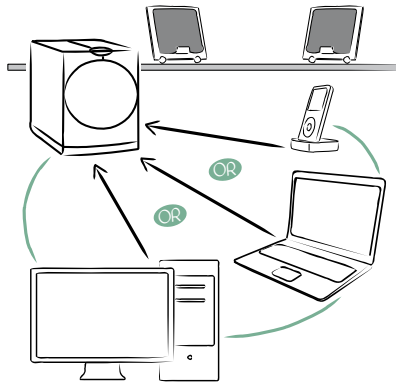
- Model for multimedia



HFM 2.1
Available: Spring 2010



and also in white color

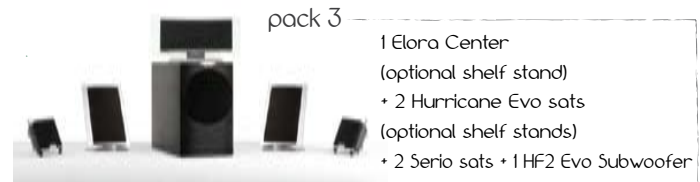


This new HFM 2.1 is to be connected to an Ipod dock/ PC/Mac, it incorporates 3 Class D Amplifiers : 2x60W for 2 Serio Sats, 1x120W for the subwoofer. Waterfall sound and style now also for your computer.

Suggested system configurations :

- configurations : 5.1

A typical 5.1 Home Cinema system is made up of 5 speakers and a subwoofer (2 Front, 1 Center, 2 Rear speakers and 1 Subwoofer)

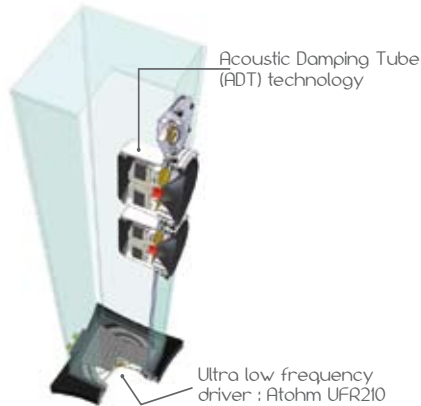


Innovation is our tradition !

Waterfall loudspeakers are based on 2 proprietary patented innovations ("ADT"&"Heatstream"). We use exclusive Atohm drivers and everywhere you can see unlimited passion for perfection and details.

1 - "Acoustic Damping Tube" Technology (ADT)

Niagara, Victoria Evo and Iguasçu Evo.

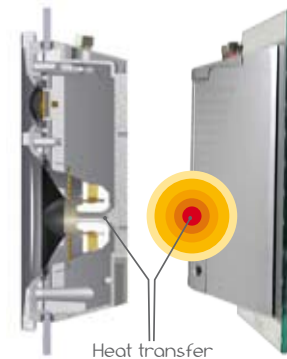


This exclusive ADT system is the fundamental principle that allows proper functioning of a driver in a non damped structure such as a glass enclosure. The ADT is located at the rear of the mid-bass driver and limits the return of the back wave on the cone. This technology has 3 main functions :

- 1 - Damping control of the medium high frequencies with the integrated damping chamber.
- 2 - "Hydraulic damping" in the low frequencies which assists in controlling the excessive movements of the cone, therefore reducing low frequency distortion and increasing the power handling capacity.
- 3 - Mechanical decoupling of the mid bass driver and the glass structure.

2 - Heatstream Technology (Atohm-Waterfall) :







Hurricane Evo, Elora & Serio







During long listening periods at high volume levels, the drivers receive a lot of power which causes the voice coil to heat up considerably reducing efficiency. Traditionally only the magnet is dissipating that excess heat. The smaller magnet size in compact speakers reduces its ability to dissipate the heat leading to over saturation, distortion.

The purpose of this patented technology is to limit these effects and to provide an exceptionally high power handling by coupling our special magnet system directly to the aluminium cabinet. This dissipates heat from the voice coil using the aluminium case as a heat-sink. The result of Heatstream technology is unprecedented power handling capacity and volume levels, previously unheard of in such a compact design.

Technical details

	 Niagara	 Victoria "Evo"	 Iguasçu "Evo"	 Elora	 Hurricane "Evo"	 Sério
Type	3 ways, 4 drivers	3 ways, 4 drivers	2 ways, 3 drivers	2 ways, closed	2 ways, closed	full range, closed
Recommended amplifier	60 - 250 Watts	40 - 250 Watts	40 - 150 Watts	30 - 250 Watts	50 - 150 Watts	30 - 80 Watts
Peak power	600 Watts	500 Watts	300 Watts	400 Watts	300 Watts	150 Watts
Impedance (average/min)	8 / 4 Ohms	8 / 4 Ohms	8 / 4 Ohms	8 / 4 Ohms	8 / 4 Ohms	8 / 4 Ohms
Efficiency (2,83V/1m)	89dB	89dB	88dB	90dB	87dB	87dB
Frequency response (+/- 3dB)	36 Hz - 28 khz	40 Hz - 28 khz	48 Hz - 28 khz	120 Hz à 28 khz	100 Hz - 28 khz	180 Hz - 20 khz
Tweeter (neodymium)	Horn Tweeter	20 mm 0,8" silk dome	20 mm 0,8" silk dome	20 mm 0,8" silk dome	20 mm 0,8" silk dome	
Driver unit bass midrange	2 x 180 mm / 7"	2 x 150 mm / 6"	1 x 150 mm / 6"	2 x 100 mm / 4"	1 x 100 mm / 4"	1 x 80 mm / 3"
Ultra low frequency driver (passive)	1 x 210 mm / 8"	1 x 210 mm / 8"	1 x 210 mm / 8"			
Dimensions length x depth x height mm x inches approx	300 x 320 x 1200 11,8" x 12,6" x 47,25"	250 x 250 x 1010 10" x 10" x 40"	250 x 250 x 870 10" x 10" x 34"	420 x 80 x 190 16,5" x 3,15" x 7,5"	185 x 85 x 275 7,25" x 3,5" x 10,8"	125 x 85 x 125 5" x 3,5" x 5"
Weight kg/approx Lbs	60 kg / 132 lbs	17 kg / 38 lbs	14 kg / 31 lbs	6 kg / 14 lbs	2 kg / 4,5 lbs	1 kg / 2,25 lbs

	 HF 3 IP	 HF 2 Evo	 HF 1 Evo	 HFM 2.1
Type	Active subwoofer bass reflex	Active subwoofer bass reflex	Active subwoofer closed	Active subwoofer bass reflex
Built in amplifier	300 Watts ice power	150 Watts	150 Watts	120 Watts (sub)
Peak power	500 Watts	250 Watts	250 Watts	+
Frequency response (+/- 3dB)	29 Hz à 150 Hz	33 Hz à 150 Hz	38 Hz - 150 Hz	2 x 60 Watts (Satellites)
Phase control	variable from 0 à 180°			reversible 0/180°
Driver unit bass midrange	2 x 230 mm / 9"	1 x 230 mm / 9"	1 x 230 mm / 9"	1 x 180 mm / 7"
Cross over slope	adjustable, 12, 24 Db/oct, or LFE		Switchable	
Dimensions (mm/approx inches) lgth x depth x height	290 x 490 x 520 11" x 19" x 20"	250 x 430 x 410 10" x 17" x 16"	250 x 260 x 280 10" x 10" x 11"	220 x 344 x 300 8,5" x 13,5" x 12"
Weight kg/approx Lbs	32 kg / 72 lbs	22 kg / 49 lbs	15 kg / 33 lbs	11 kg / 24 lbs

Waterfall Audio cable

Made of very high quality oxygen free copper, perfectly suited for use with Waterfall tall aluminium stands and on wall speakers.



Made in France. 5 years warranty on speakers, 2 years warranty on subwoofers (parts & service). We operate a policy of continuous improvement and reserve the right to amend designs and specifications without prior notice.



All drivers are developed & manufactured by Atohm (France). "ADT" technology (Waterfall patent); "Heatstream" technology (Waterfall/Th. COMTE patent).