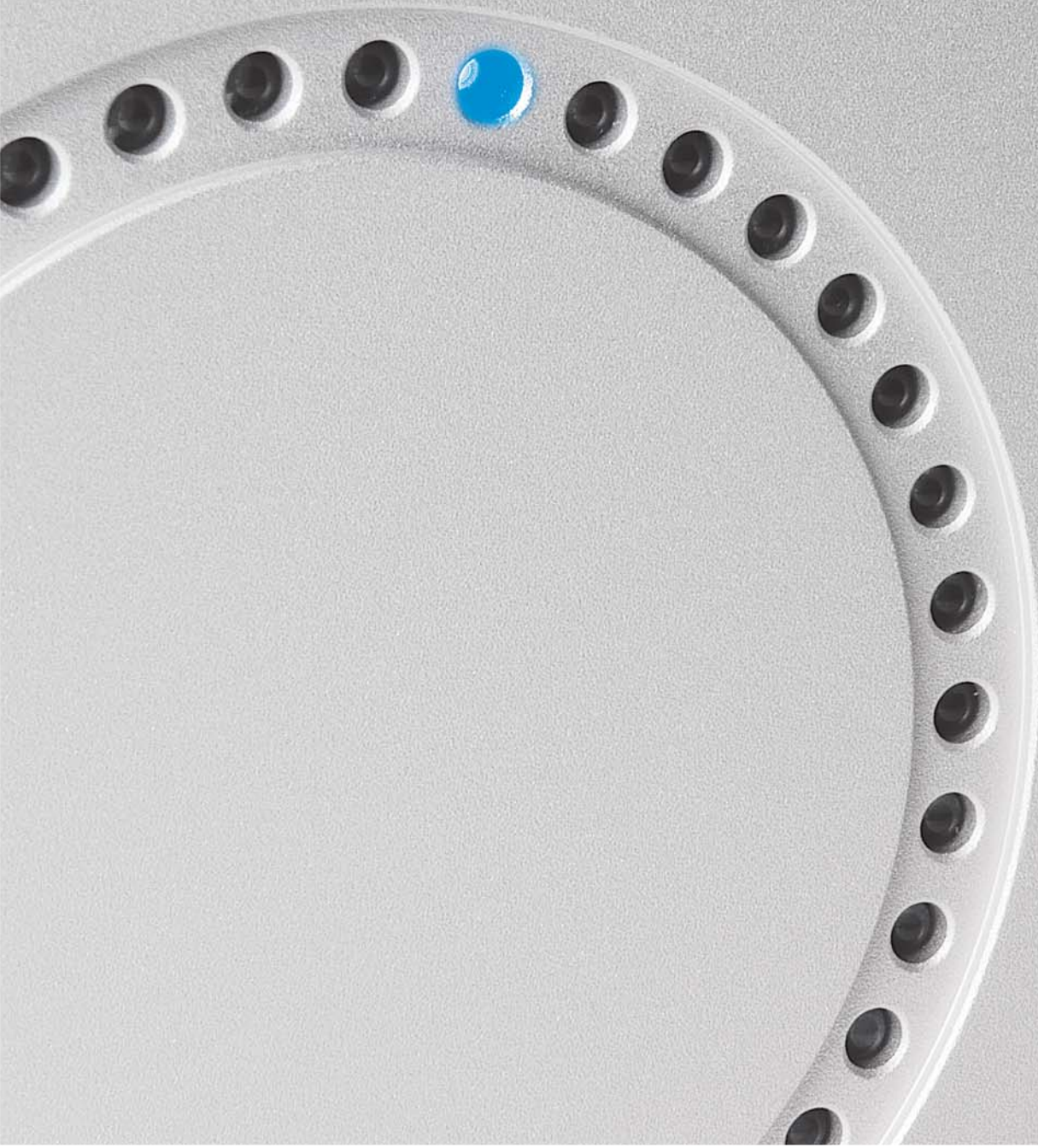


The Leema Range  
beautifully engineered sound



# Xen



The diminutive Xen extends a long heritage of miniature loudspeakers originally designed for broadcast applications and easily satisfies the exacting demands of audiophiles and audio professionals alike.

Xen redefines the standard for miniature loudspeakers, with unsurpassed power, rhythm and holographic imaging abilities.

The complex cabinet is formed from steel, double lined with ultra high-performance damping material, to produce an acoustically inert yet robust enclosure, which has negligible impact on the loudspeaker's minimal external dimensions.

...challenge your preconceptions

Xenta matching centre speaker also available.

## Xen specifications

Frequency Response +/- 3dB	58Hz - 30KHz
Group Delay (maximum)	12mS @ 49.5Hz
SPL IEC 268-5 (pair)	Long term 106dB, Short term >112dB
Sensitivity (1W/1M)	85.5dB
Recommended Amplifier Power	50 - 200 watts RMS into 8 ohms
Nominal Load Impedance	6 ohms
Size (h)x(w)x(d) in mm	220 x 140 x 205
Shipping Weight (pair)	12Kg

# SPLX10



The Leema SPLX10 subwoofer is ideal for stand-alone use, or as a companion for Leema Xen and Xone loudspeakers, a combination that creates a phenomenally powerful and accurate system for music, home cinema and professional AV.

The SPLX 10 features a massive two hundred and fifty watt RMS amplifier mated to a ten inch, vented coil, bass driver capable of a phenomenal 40mm of cone excursion.

The whole package is enclosed in an immensely strong sealed cabinet, formed from 25mm medite, of only eighteen litres capacity. The unique pressure zone cabinet design allows the SPLX series to be used horizontally or vertically for maximum placement flexibility. When an SPLX 10 is coupled with a full Xen package, the ultimate stealth micro-system is created.

...hear the impossible!

## SPLX10 specifications

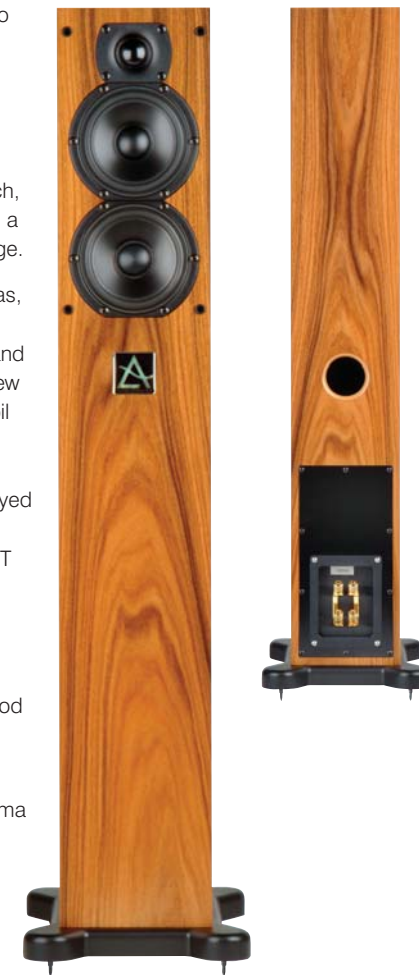
Frequency Response +/- 3dB	Useable In-Room
SPLX 10	20Hz - 500Hz
Maximum SPL SPLX 10	>112dB
Amplifier Power	250 watts RMS into 4 ohms
Crossover Filter range	40 - 160 Hz
Size (h)x(w)x(d) in mm	291 x 291 x 430
Shipping Weight	23Kg

# Xone

With a footprint similar to that of Xen, but in a miniature floorstanding cabinet, Xone provides musical insight and precision together with superb bass timing, pitch, punch and extension, in a beautifully svelte package.

In collaboration with Seas, Leema have developed custom shielded bass and mid-bass drivers with new fibreglass composite coil formers delivering exceptional midrange clarity. These are employed in a two-and-a-half-way configuration. NORDOST Mono-Filament wiring is used internally and the second order crossover features Leema's 'Multi-track PCB' design method developed for the Xen EVO3.

Xone continues the Leema tradition of combining unsurpassed detail, rhythm, power and holographic imaging to provide...



...music, pure and simple.

## Xone specifications

Frequency Response +/- 3dB	35Hz - 30KHz
SPL IEC 268-5 (pair)	Long term 106dB, Short term > 112dB
Sensitivity (1W/1M)	87.5dB
Recommended Amplifier Power	50 - 200 watts RMS into 8 ohms
Nominal Load Impedance	6 ohms
Size (h)x(w)x(d) in mm	890 (inc foot) x 142 x 207
Shipping Weight (pair)	32Kg

## Simplicity - the concept behind Leema's Constellation series.

Its aim - to provide 'audiophile' stereo music reproduction that could, if desired, be expanded into a phenomenal surround music system or the ultimate home cinema system.

Easy to use - so that everybody in the family can enjoy it, the design is also neat and simple. Graphic displays, obtrusive menu systems and rows of confusing buttons spread across the fascia, have been eliminated, leaving a refreshingly clean and stylish product.

Of course to make it simple externally, we had to make it intelligent internally. The result of our achievements - outstanding simplicity. The key is Leema's LIPS system, which allows each component to dynamically re-configure itself according to the input source and your personal preferences. In short, the system does the thinking for you.

Finally, everything can be controlled via an elegantly simple yet stylish remote handset.



# Tucana

Audiophile stereo amplifier



## Tucana specifications

Frequency Response		20Hz - 100KHz +0.0 to -3dB
Power Output into 8 ohms		150 watts RMS per channel
Power Output into 4 ohms		295 watts RMS per channel
Power Output into 1 ohms 20ms		1050 watts / Channel
Output Current 20ms		> +/- 50 Amps
THD 1KHz @ 10 watts 8 ohms		0.004%

# Antila

MD<sup>2</sup> CD player



## Antila specifications

Frequency Response		10Hz-20KHz +0.06 - 0.5dB
Distortion and Noise		<0.01% 10Hz-20KHz 0dBFS
Output Level		2.0VRMS @ 1KHz
Output Impedance		47 ohms
Converters		20 x 24 bit/96KHz

# Hydra

Intelligent power amplifier



## Hydra specifications

Frequency Response		20Hz - 100KHz +0.0 to -3dB
Power Output into 8 ohms		150 watts RMS per channel
Power Output into 4 ohms		295 watts RMS per channel
Power Output into 1 ohms 20ms		1050 watts / Channel
Output Current 20ms		> +/- 50 Amps
THD 1KHz @ 10 watts 8 ohms		0.004%

# Cygnus

Universal phono stage



## Cygnus specifications

I/P resistance		22,30,100,1K,5K,47K ohms
I/P capacitance		100,250,430,580,1100,1250,1430,1580 pF
I/P sensitivity		125,250,500 uV - 3.6 mV
Curves Microgroove		50
Curves Coarsegroove		32
RIAA response error		+/- 0.05dB 20Hz-100KHz

# Corvus

Centre amplifier and stereo sub controller



## Corvus specifications

Amplifier as Tucana		
Filter Slopes		1st/2nd/3rd/4th order
Filter Range		30Hz-160Hz
Phase		0-180 degrees variable
Sub Mode		Mono/Stereo
Extraction		Stereo/5.1/7.1



B E A U T I F U L L Y   E N G I N E E R E D   S O U N D

Leema Acoustics is the brainchild of two ex-BBC engineers, Mallory Nicholls and Lee Taylor. Their fanatical quest to improve audio reproduction in both professional and domestic environments culminated in the founding of Leema Acoustics in 1998. Mallory's history in the development and manufacture of 5.1 monitoring electronics for recording studios, mastering houses and broadcasting organisations together with Lee's many years of experience recording and mixing film, television, theatre and music (grabbing a BAFTA and Palme d'Or along the way), inevitably resulted in a major development in sound technology. In 2001, Xen was born. A micro-monitor of unsurpassed technical and musical excellence. Xen was designed using Leema's own modeling software optimised for enhanced mathematical accuracy and incorporating hitherto unseen design principles. Initially only available to the professional audio market, awareness of a quality speaker with its outstanding abilities led to Xen being hunted down by audiophiles. Gradual evolution led to a range of loudspeakers containing the Xen's DNA. In 2003, it became obvious that a range of electronics complementing these loudspeakers was needed. An intensive research and development programme, during which many designs were tried and rejected, resulted in the Leema Constellation Series.

**LEEMA ACOUSTICS**

**Visit: [www.leema-acoustics.com](http://www.leema-acoustics.com)**

**Phone: +44 (0)1938 811900**

**Email: [info@leema-acoustics.com](mailto:info@leema-acoustics.com)**