

MYRYAD



**Mi, MX, Z Series Electronics
A Series Loudspeakers**

Pure Enjoyment

If you're reading this, it's because you appreciate the very best in life. When you consider high quality equipment, you look for stylish design, superb ease of use and of course, truly outstanding performance. We know, because we do the same. Every Myryad model, whether home theatre or pure audio, has been evolved and refined to delight. No wonder our systems consistently attract the highest levels of praise from the reviewers.

Intelligent Engineering - Pure enjoyment.



MYRYAD

mi The emotion starts before the music

Myryad Ami

Naturally, the outstanding sonic performance of the Myryad Mi means it will be an excellent match with a wide variety of premium loudspeakers.

However, for the very best combination of performance and style, it is recommended that the Mi is partnered with the new Myryad A170 loudspeakers. This bespoke model is designed to perfectly complement the Mi both sonically and aesthetically. Designated the 'Ami', this new all-in-one system is certain to delight.



Myryad Mi

The Myryad Mi is a totally digital stereo hi-fi design offering CD, DAB, FM and iPod® listening in a single unit, supplied with or without Myryad A170 loudspeakers. It has been styled to be sleek and elegant so it does not need to be hidden away. State of the art digital technology is used to deliver outstanding audio performance from this beautiful compact design.

DSP (Digital Signal Processing)

Fully digital signal processing allows digital audio sources, such as the Mi's built-in CD player and DAB radio, to be processed and amplified entirely in the digital domain, without introducing the distortions associated with conversion and analogue processing. Even conventional analogue signals, such as FM radio, are transformed to digital to optimise performance.

The Myryad Mi and iPod® experience

Myryad's feature rich iPod® interface provides truly unprecedented levels of system integration. The Mi utilises data from the iPod® to generate menus on its full colour display screen. These familiar menus mirror those seen on the iPod® and, thanks to dynamic text sizing, can be easily read from across the room, allowing convenient armchair selection of artists, albums, songs, playlists, podcasts and musical genres. Apple iPod® connectivity is provided using the unique M-Port cable supplied.

DAB/FM Radio

The Mi's crystal clear DAB radio performance is further evidence of the success of our 'Totally Digital' design concept, which also provides for DAB Live Text to be displayed on the screen. Naturally, high quality FM broadcasts can also be enjoyed, complete with RDS information where available. Automatic tuning allows ease of use, whilst manual tuning is possible to achieve optimum FM reception. ***An alternative, AM/FM version of the Mi is available in areas of the world where DAB broadcasts cannot be received.***

Amplifier

The Class-D digital stereo amplifier delivers 100 Watts per channel into 4Ω. For the technical, the speakers are driven by a 384 kHz pulse width modulated (PWM) signal generated from 48 kHz sampling.

Tone control and equalisation is again entirely in the digital domain whilst the specially designed switched mode power supply has been tuned to perfectly match the amplifier's requirements.



"Myryad's new Mi is compelling, pleasing to the ear and very musical"

Hi-Fi World, March 2009



"Myryad gets it absolutely right the first time"

"integrating your iPod and hi-fi just got easier"

"frankly brilliant audio"

Stuff, January 2009



"Myryad leads the way"

"a dream team - iPod information and convenience with hi-fi sound"

"we greatly enjoyed it"

Hi-Fi Choice, January 2009



"Myryad has a winner.

The Mi is packed with useful features and sounds great, too"

What Hi-Fi? Sound and Vision, December 2008

Screen & Interface

Epitomising form and function, the high quality, 3.5" full colour display is complemented by illuminated touch sensitive buttons. Together they preserve the Mi's sleek styling, provide unprecedented levels of information and allow simple fingertip control. The ensemble is completed by a luxury, extruded aluminium remote control, giving direct access to the extensive feature set including:

- GUI (Graphical User Interface) navigation
- Audio sources
- Track numbers
- Favourite radio stations

The Mi plays the following CD formats: Audio, Audio with text, CD-R, CD-RW and MP3 and is also able to play streamed music and internet radio from Apps like: Spotify, Last.fm, ZumoCast and Tunein Radio via a connected iPhone/iTouch.



Mi - Music Integrated Stereo System

Power output: 100W per channel into 4Ω

M-Port compatible with: iPhone, iPod (4th & 5th generations) iPod classic, iPod nano (1st, 2nd, 3rd & 4th generations) and iPod touch

Optical Outputs: 1 S/PDIF TOSLINK

Optical Inputs: 2 S/PDIF (16 bit, 44.1 kHz and 48 kHz)

Display: 3.5" full colour 320 x 234

Front Panel Audio Input: 3.5mm stereo jack

Front Panel Headphone Output: 3.5mm stereo jack

Radio: DAB received on both band III and L-band FM received in the range 87.5 - 108 MHz

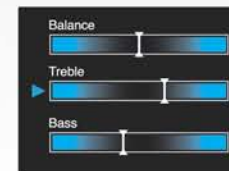
Tape In/Out: RCA

Aux In: RCA

Dimensions (w x h x d): 350 x 57 x 314mm



iPod stand included



Screen display examples

A170

Myryad A170 Speaker

The Myryad A170 bookshelf loudspeakers have been designed to meet the highest expectations of dedicated 2-channel audiophiles and discerning movie enthusiasts. Beautifully finished in piano black lacquer and brushed aluminium, the bi-wireable 2-way reflex design combines deep, powerful bass with sweet and accurate treble. Though we have designed these loudspeakers to work well with a variety of amplifiers, naturally you can expect the very best results when powered by the amplifier expertise of Myryad.

A170 Specifications

Enclosure Type: 2-way reflex

Bass Unit (mm): 125 mm

Treble Unit (mm): 25 mm

Frequency response (± 3 dB): 64Hz-22Hz

Nominal Impedance: 6 Ω

Minimum Impedance: 4 Ω

Sensitivity (2.83 v @ 1 m): 88 dB

Recommended amplifier power: 25-100 W

Crossover frequency: 2.9 kHz

Effective volume: 6.4 litres

Cabinet dimensions: (HxDxW mm): 229 x 242 x 182mm



MX A passion for perfection



MX Series

Every Myryad MX Series model exudes timeless style and delivers truly outstanding performance. The special Smart 'My-Link' communications protocol, thoughtful design and intuitive handling, makes them satisfyingly easy to control.

Yet, despite this superb specification and luxurious build quality, each model is tantalisingly affordable. Whichever you choose, the MX Series will fulfill your most demanding requirements with ease. Make use of intelligence. Enjoy.



MXI2080 Stereo Integrated Amplifier

Continuous rated power output, stereo 8Ω: 80W 4Ω:120W

THD: @ 80% rated power, 8Ω, 20Hz - 20kHz: 0.02%

Signal/Noise ratio: (A-weighted, ref 80W): >107dB

Inputs: Line Direct, Tape, CD-R, CD, Tuner, TV, DVD, Aux

Input sensitivity (ref 80W): 320mV (user trimmable 160-640mV)

Input impedance: 22kΩ/200pf

Frequency response: (20Hz - 20kHz) ±0.2dB (-2dB @ 96kHz)

Dimensions (w x h x d): 436 x 95 x 355mm

Weight (net): 11.0 kg

Fascia: 9mm anodised bead blasted aluminium in anodised silver or black finish



MXT4000 Stereo AM/FM RDS Tuner

FM Section

Tuning range: 87.5 - 108.0MHz

Usable sensitivity: (IHF mono) 2.0 μV

Signal/Noise ratio: 78dB (mono) 72dB (stereo)

THD (1kHz): 0.1% (mono) 0.2% (stereo)

AM Section

Tuning Range: 522 - 1620kHz

Signal/Noise ratio: 50dB

THD: 1.0%

Dimensions (w x h x d): 436 x 95 x 343mm

Weight (net): 7.2 kg

Fascia: 9mm anodised bead blasted aluminium in anodised silver or black finish



MXC7000 CD Player

Digital-Analogue Converter: 24-bit 192kHz delta-sigma with dual differential outputs

Regulated power supplies: Fourteen, each purpose designed

Audio Filter op-amps: Two single high speed low-noise Difet® types

Audio output: DC-coupled, individually trimmed

Frequency response: (20Hz-20kHz) ±0.2dB

THD: (1kHz) 0.0018%

Signal/Noise ratio (A-weighted): 113dB

Output level at 0dB: 2.4Vrms

Digital output: Coax 75Ω to SPDIF std

Dimensions (w x h x d): 436 x 95 x 343mm

Weight (net): 8.75 kg

Fascia: 9mm anodised bead blasted aluminium in anodised silver or black finish

Audiophile Solution





MXP2000 Stereo Preamplifier

Inputs: Line Direct, Tape, CD-R, CD, Tuner, TV, DVD, Aux

Input sensitivity (ref.1V output): 360mV (user trimmable 180-720mV)

Signal/Noise ratio: (A-weighted, ref 1V): >100dB

Frequency response: (20Hz - 20kHz): $\pm 0.2\text{dB}$ (-1dB @ 96kHz)

Maximum output level: >8V

THD: (1kHz, 1V output) 0.003% typical

Dimensions (w x h x d): 436 x 95 x 343mm

Weight (net): 7.0 kg

Fascia: 9mm anodised bead blasted aluminium in anodised silver or black finish

MXT4000 Stereo AM/FM RDS Tuner

MXC7000 CD Player



MXA2080 Stereo Power Amplifier

Continuous rated power output, stereo 8 Ω : 80W 4 Ω :120W

THD: @ 80% rated power, 8 Ω , 20Hz - 20kHz: 0.02%

Signal/Noise ratio: (A-weighted, ref 80W): >116dB

Input sensitivity: (ref 80W): 900mV

Input impedance: 60k Ω /440pF

Frequency response (20Hz -20kHz): $\pm 0.2\text{dB}$ (-2dB @ 96kHz)

Dimensions (w x h x d): 436 x 95 x 355mm

Weight (net): 10.2 kg

Fascia: 9mm anodised bead blasted aluminium in anodised silver or black finish

Myryad 2 x 80 watt Power Amplifier Module

Continuous rated power output, stereo 8 Ω : 80W 4 Ω :120W

THD: @ 80% rated power, 8 Ω , 20Hz - 20kHz: 0.02%

Signal/Noise ratio: (A-weighted, ref 80W): >116dB

Input sensitivity (ref 80W): 900mV

Input impedance: 60k Ω /440pF

Frequency response (20Hz -20kHz): $\pm 0.2\text{dB}$ (-2dB @ 96kHz)

Dimensions (w x h x d): 54 x 168 x 429mm

Weight (net): 4.8 kg

Purist Solution



Ultimate Amplifier Solutions



MXI2150 Stereo Integrated Amplifier

Continuous rated power output, stereo 8Ω: 150W 4Ω: 230W

THD: @ 80% rated power, 8Ω, 20Hz - 20kHz: 0.02%

Signal/Noise ratio: (A-weighted, ref 150W): >110dB

Inputs: Line Direct, Tape, CD-R, CD, Tuner, TV, DVD, Aux

Input sensitivity (ref 150W): 440mV (user trimmable 220-880mV)

Input impedance: 22kΩ/200pf

Frequency response (20Hz - 20kHz): ±0.2dB (-2dB @ 96kHz)

Dimensions (w x h x d): 436 x 190 x 479mm

Weight (net): 22.0 kg

Fascia: 9mm anodised bead blasted aluminium in anodised silver or black finish

Myriad Power Amplifier Modules



For maximum user convenience, the MX-Series Power Amplifiers have been designed in a modular format so they can be used in any permutation required


- up to 7 modules may be installed in one chassis, in any combination of 1 x 150W and 2 x 80W modules, so one fully loaded chassis can deliver 7 x 150W or 14 x 80W or any permutation between
- five separately-regulated power supplies for each amplifier channel ensure that all low level circuitry has clean, low-noise power, carefully isolated from the output stages
- high output current design, supported by generously rated output transistors and reservoir capacitors and massive (2.85kg) toroidal transformers in each module, ensures smooth, effortless and refined delivery of power
- the 80W channel uses two 150W bipolar output transistors for robust, high current capability, and 14,000uF of reservoir capacitors for dynamic power reserves. Each 150W module uses four 150W bipolar output transistors and 20,000uF of reservoir capacitors
- each 150W module uses Vishay bulk-foil and 0.1% tolerance feedback resistors for open, transparent and natural sound
- every module has its own processor monitoring temperature, output current and output DC; any deviation triggers isolation of its loudspeaker output and a status indication from the relevant front panel LED
- each module is fitted with a "line-out" connector allowing it to be 'daisy-chained' for bi-amping, tri-amping or multi-room applications
- a sequenced switch-on system ensures a smooth and silent power-up from standby, even when a full seven modules are installed
- all amplifiers are fully upgradeable - more modules can be added as needed, after purchase
- for the ecologically-minded, standby power consumption is less than 1W in total, whatever the number of modules fitted

The MXA2080 Power Amplifier (2 x 80W) is supplied in the 95mm high chassis as shown; all other permutations of 2 x 80W or 1 x 150W modules are supplied in the 190mm high chassis, as per the MXA2150 illustrated

MX Power Amplifier Model Numbers

No. of 1 x 150W modules	No. of 2x80W modules							
	0	1	2	3	4	5	6	7
0	N/A	MXA0151	MXA0152	MXA0153	MXA0154	MXA0155	MXA0156	MXA0157
1	N/A	MXA1151	MXA1152	MXA1153	MXA1154	MXA1155	MXA1156	
2	MXA2150	MXA2151	MXA2152	MXA2153	MXA2154	MXA2155		
3	MXA3150	MXA3151	MXA3152	MXA3153	MXA3154			
4	MXA4150	MXA4151	MXA4152	MXA4153				
5	MXA5150	MXA5151	MXA5152					
6	MXA6150	MXA6151						
7	MXA7150							

N/A = Not Available

 Performance for pleasure



Z series

As you would expect, Myryad's Z-Series has been designed with one principal goal in mind; to thrill you with sonic and visual perfection, in a stylish and elegant format.

Ever increasing awards confirm that we understand the sole purpose of any audio system; to let you enjoy your favourite music as the artists intended, with all the power, atmosphere and emotional impact precisely recreated. Meanwhile, Myryad's intelligent and intuitive software control system, Smart My-Link®, lets you enjoy Z-Series' thoughtful functionality to the full – ask your dealer for a demonstration. My-Link connectors from the back of any unit form a seamless link to any other unit. Thoroughly enjoyable individually or as a system, Z-Series sets new standards for performance, aesthetics, engineering and value for money.



Performance for pleasure



Z114 CD Player

As you would expect, everything about Z-Series sounds as good as it looks. Exemplifying all that's best about Myryad's conscientious approach to acoustic engineering, seven separately regulated power supplies, enhanced DAC decoupling and generous reservoir capacitors deliver superior bass clarity and impact, ultra-wide sound staging and brilliant mid-range focus and detail. Lithe and sleek to look at, crisp and clean to listen to. Pure performance.

Digital-Analogue converter: 24bit 192kHz delta-sigma	Signal/noise ratio (A-weighted): 105dB
Regulated power supplies: Seven, each purpose designed	Output level at 0dB: 2.3Vrms
Audio op-amps: Two; FET, extra wide band, high speed	Digital output: Coax 75Ω to SPDIF std
Audio output coupling: Direct coupled (with DC servo)	Dimensions (w x h x d): 436 x 78 x 286mm
Frequency response: (20Hz – 20kHz): ± 0.5 dB	Weight (net): 5.3 kg
THD (1kHz): 0.0025%	Finishes: Natural Silver fascia with Silver-Grey casing Satin Black fascia with Black casing



Z142

Z162

Z Series Amplifiers

An outright class leader in looks and performance, the Z142's extensive specification features six inputs including a tape monitor loop, a headphone jack, and even an in-built MM phono pre-amp. A fully-featured remote handset gives total control, while Myryad's DC^s circuit configuration and seven separately regulated power supplies ensure the cleanest sound possible. Pure enjoyment.

Enjoy even better performance from your Z142 Integrated Amplifier by bi-amping with a Z162 Power Amplifier. Your dealer will tell you how.

Z142

Continuous rated power output: 8Ω (< 0.1% THD) 50W
Inputs: Tape 1, Tape 2, CD, DVD, Tuner, Phono
Signal/noise ratio (A-weighted, ref. 50W): 102dB
Input sensitivity (ref 50W): 250mV
Frequency response (20Hz – 20kHz): ± 0.3 dB
Dimensions (w x h x d): 436 x 78 x 316mm
Weight (net): 6.9 kg

Z162

As Z142 Amplifier specifications, left, except
Signal/noise ratio (A-weighted, ref. 50W): 110dB
Input sensitivity (ref 50W): 700mV
Weight (net): 6.7 kg
Finishes: Natural Silver fascia with Silver-Grey casing
Satin Black fascia with Black casing



Z132 AM/FM Tuner

The RDS-equipped Z132 offers audiophile quality access to modern broadcasting. At the same time, as one of the many delighting yet practical touches made possible by Myryad's ingenious Smart My-Link®, the Z132's convenient in-built clock alarm even lets you choose whether to wake up to radio or CD. Elegantly styled and simple to use – tunable manually, through auto-search, or any of its 58 pre-sets – the Z132 combines exceptional selectivity with clarity, warmth and ambience. Pure Class.

FM Section	Signal/Noise ratio: 50dB
Tuning range: 87.5 - 108.0MHz	Dimensions (w x h x d): 436 x 78 x 288mm
Usable sensitivity: (IHF mono) 2.0 μ V	Weight (net): 4.7 kg
Signal/Noise ratio: 78dB (mono) 72dB (stereo)	Finishes: Natural Silver fascia with Silver-Grey casing Satin Black fascia with Black casing
THD (1kHz): 0.1% (mono) 0.2% (stereo)	
AM Section	
Tuning Range: 522 - 1620kHz	



A rich heritage of award winning performance



Product of the Year,
Essential Home Cinema UK



Best Buy 2001,
What Hi-Fi? UK



Stereophile Guide to Home
Theatre,
Gold Award 2001 USA



Recommended, Hi-Fi Choice UK



diapason D'OR Hi-Fi 2008



Best Buy, Home Cinema UK



Editor's Choice,
Essential Home Cinema UK



What Hi-Fi? UK



Hi-Fi Design Yearbook Germany



Best Buy 2000,
What Hi-Fi? UK



November 2004



Le Monde de la Musique
France



Nouvelle Revue Du Son France



AudioVideo Russia



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We operate a policy of continuous improvement and reserve the right to amend designs and specifications without prior notice.

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