



Introducing...
The Egg

SE *Munro*
MUNRO ACOUSTICS SE ELECTRONICS

“Stunning clarity that brings the smallest details into focus and yet delivers the entire mix as a coherent whole”

SE Monitor

A professional recording studio setup. In the foreground, a large, black, oval-shaped SE Monitor speaker is prominently displayed on a desk. The speaker has a large woofer and a smaller tweeter. To the right, a computer monitor shows a software interface, and a keyboard is visible. In the background, a rack of audio equipment, including a mixer and other processing units, is visible. The room is dimly lit, with warm ambient lighting.

“The traditional wooden box has been replaced by a scientifically proven, curved enclosure that virtually eliminates diffraction and resonant effects”

The Egg is a fully 'Active Integrated Monitoring System' that incorporates a fundamental rethink of the loudspeaker engineering process. The traditional wooden box has been replaced by a scientifically proven, curved enclosure that virtually eliminates diffraction and resonant effects that distort and smear the original sound. The result is a stunning clarity that brings the smallest details into focus and yet delivers the entire mix as a coherent whole.

The system is complete, with a free standing control unit that delivers a perfect power match to the egg drive units, source select inputs, active analogue crossovers, LF and HF trim pot equalisation for room and location set-up compensation and a mid-band control to emulate the mid-range response of both Hi-Fi and NS10 type speakers.

Above all, the Egg is designed to deliver the highest quality sound with the absolute minimum of coloration. In one word - Truth.



“The ‘gimmick’ was mercilessly and precisely engineered out of this product quite a long time ago”

Paul Mac – Audio Media December 2011

Key Features

- Unique monocoque shell construction rigid and resonant neutral
- Near zero diffraction interference - smooth frequency response
- No internal standing waves - greatly reduced smearing
- Perfect bass port integration - superb transient response
- Free standing control unit and integrated amplification with 3m matched speaker cables
- Dual input switching and level control
- Ultra fast and low distortion - 4*50W with 100W/Channel headroom indicator
- Precise 'sweet spot' – unique LED locator guide beams
- Integrated base with adjustable vertical alignment - allows for perfect sweet spot in both vertical and horizontal planes
- Precision trim pots for bass (LF) and High Frequency (HF) calibration
- Critical Mid Frequency equalisation for 'Hard', 'Soft' or 'Reference' (0) listening

“A truly unique product in
a “me-too” marketplace”

Frank Wells – PSN December 2011



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“Bi-amplification further enhances the power headroom and results in the lowest possible distortion values”

The result is a breath-taking transparency that within seconds of listening reveals a much more defined and open mix, in which the whole balance simply ‘feels’ more complete. Of course certain aspects of some recordings may be shown up to be distorted or not as the engineer intended, but that is the truth, unobscured by coloration. A monitor that flatters to deceive has no place in a professional recording studio and there is no argument for using poor quality speakers to match inferior playback media.

Well recorded material, translates to any medium, but the opposite is absolutely not true... if your monitors put a fake ‘sheen’ on everything, how will you ever know what your material sounds like on an honest system..? You may be embarrassed!

There is also a good argument for a fully analogue monitor. The bandwidth and dynamics of a true analogue system will show up the character of the digital system preceding it. It also removes issues with bit rate conversion and other compatibility matters.

By using high quality linear power supplies we can maintain maximum transient power up to double the rated value. Bi-amplification further enhances the power headroom and results in the lowest possible distortion values. By using 35V power rails the Egg is capable of high transient sound levels from a relatively modest amplifier compliment.

“They defy their size, and their price, and they definitely defied my expectations. Neutral, clear, accurate – pretty much sums it up.”

Paul Mac – Audio Media December 2011



“A monitor that flatters to deceive has no place in a professional recording studio and there is no argument for using poor quality speakers to match inferior playback media”

“A beautifully simple and attractive idea”

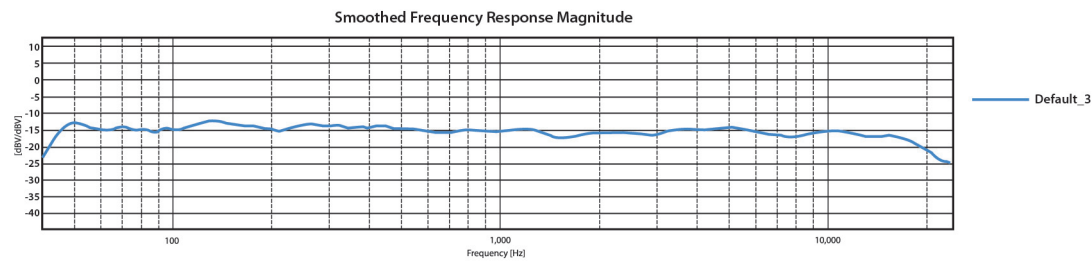
“The bass response is extraordinary”

Hugh Robjohns – SOS January 2012

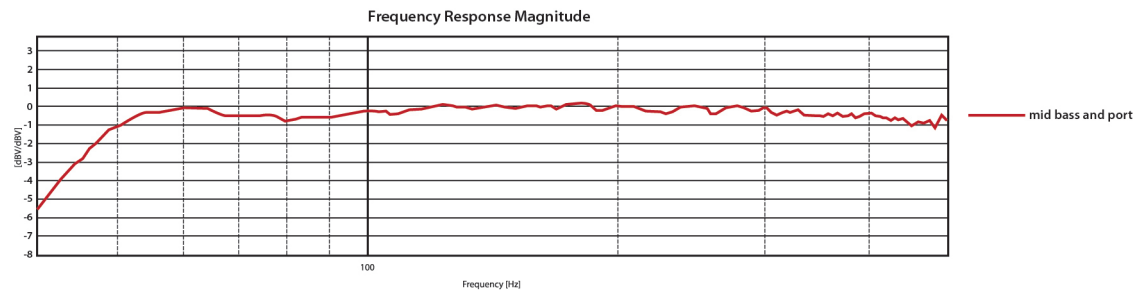
“Brilliant.”

Paul Mac – Audio Media December 2011

Frequency Response is the most common way to show the performance of a loudspeaker. This plot shows the on axis 1/3 Octave response of the Egg150 at a distance of 500mm with no modification or manipulation. The -6dB points are at 40Hz and 22kHz and each can be adjusted to suit individual rooms and taste.



This plot is a high resolution (1dB/div) measurement of the bass port and driver at a point equidistant between the two from 50Hz to 500Hz. It shows perfect summing between the two with absolutely no phase or amplitude distortion. This accounts for the absolutely stunning transient response of the Egg.



Technical Specification

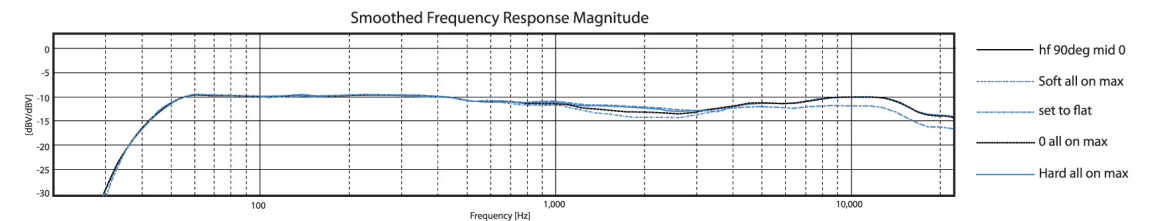
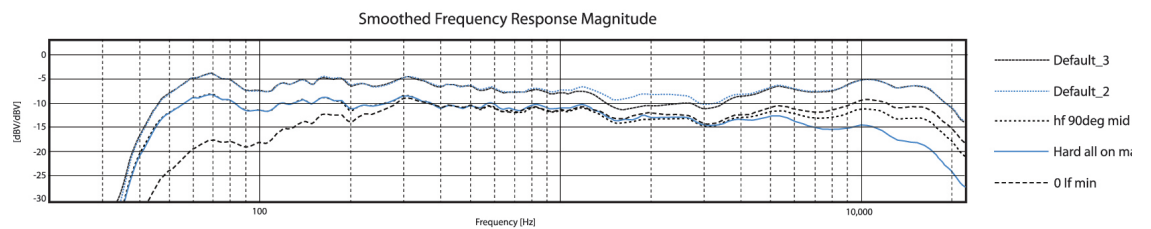
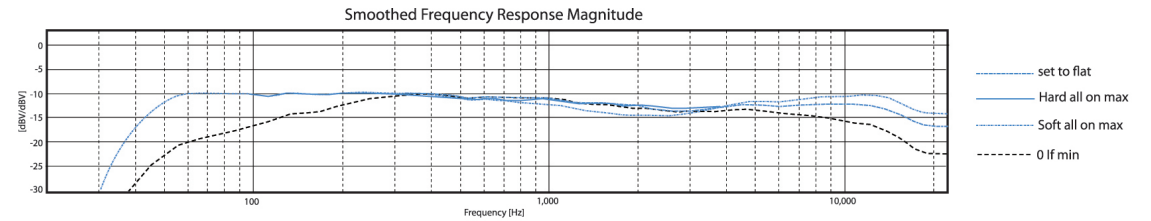
- System Stereo Two way active control unit with four 50WRMS power amplifiers with dual linear power supplies
 - High Headroom capacitors and voltage rails
- Bass reflex speakers with 50Hz QB4 front port alignment
 - Speaker effective internal volume 14 Litres
- 2 way asymmetrical electronic crossover with nominal 2kHz alignment
 - 25mm HF unit sensitivity 95dB SPL for 1W at 1m
 - 165mm LF sensitivity 89dB for 1W at 1m
 - 118dB Peak SPL at 1KHz both channels driven
- Thermal tweeter protection with automatic cut out and reset
 - Input sensitivity Main +4/-10 dBu, Aux -10dBu
 - Continuously variable dual monitor level controls with switchable inputs
 - Frequency Response 45Hz to 20KHz (-3dB points)
- Low Frequency Room Calibration +0/-10dB at 63 Hz continuously variable
 - High Frequency Calibration +1/-5dB at 10kHz continuously variable
- Mid Frequency Adjustment +/- 1.5dB at 2kHz Centre Frequency

6 Internal Fuses:

- 35v power rails T5A (4 required)
- 15v power rails we change to T1A (2 required)

External Fuse:

- Fuse for EU is 250v T2A
- Fuse for USA is 250v T4A



“There is absolutely no doubt that these are very good monitor speakers indeed... the Egg 150 monitoring system stands direct comparison with its peers extremely well and might even embarrass some!”

Hugh Robjohns – SOS January 2012

“We can run through all the typical adjectives—smooth, flat, dynamic, even, with superlatives given on all counts including imaging and depth—but in the final analysis, the music played through the Eggs just sounds as it should”

Frank Wells – PSN December 2011

“The stereo imaging (is) very precise and completely stable, with a strong centre image and a superb impression of depth as well as spaciousness”

Hugh Robjohns – SOS January 2012

“The Eggs might even cause other manufacturers to rethink their pricing. I’m certain you’d have to go a way up the cost scale to find comparable quality.”

Paul Mac – Audio Media December 2011



"An emotional experience."

Paul Mac – Audio Media December 2011



What's being said:

Hugh Robjohns – SOS Jan 2012

"A beautifully simple and attractive idea"

"The bass response is extraordinary... There seems to be virtually no port resonance and no 'hangover' – bass notes start and stop extremely cleanly and quickly. If only all ported cabinets could achieve as much!"

"Even the heaviest rocker won't find anything to complain about in terms of volume here!"

"The stereo imaging is very precise and completely stable" "

"The Eggs exhibited excellent and seamless integration from the surprisingly deep LF, right through the midrange, and on to the high end, and I didn't feel any need to tweak the balance at all."

"There is absolutely no doubt that these are very good monitor speakers indeed"

"The Egg 150 monitoring system stands direct comparison with its peers extremely well and might even embarrass some!"

Frank Wells – PSN Dec 2011

"a truly unique product in a "me-too" marketplace"

"The proof of any monitoring system is in the listening, and the sE Munro Egg 150 system simply satisfies. I listened loud, I listened soft, I listened long. We can run through all the typical adjectives—smooth, flat, dynamic, even, with superlatives given on all counts including imaging and depth—but in the final analysis, the music played through the Eggs just sounds as it should"

"It's worth noting how unusual it is at this price point to achieve the low-end performance the Egg 150s demonstrate from the combination of the 6.5-inch woofer and a well-designed port. Honest and controlled, when pushed with material with aggressive low frequencies, the Egg 150s deliver what they promise, with none of the aberrations so common from small cabinets being fed more than they can deliver"

"You truly should take advantage of the opportunity to hear these monitors for yourself"

Paul Mac – Audio Media Dec 2011

"The amplifier itself is a lovely piece of hardware that will not disappoint any knob-twiddlers searching for that heavy-weight, smooth, proper metal turning experience. The main effect though is the assurance that sE hasn't skimped anywhere."

"the first time you listen to the Eggs you'll experience the natural clarity of the whole. The first track I played was a James Taylor acoustic number and it was an emotional experience."

"...it's a bit of an eye opener to hear the mids so clearly, and in turn to experience such a natural spectral balance and exceptional separation of instruments."

"...they defy their size, and their price, and they definitely defied my expectations. Neutral, clear, accurate – pretty much sums it up."

"The Eggs might even cause other manufacturers to rethink their pricing. I'm certain you'd have to go a way up the cost scale to find comparable quality."





Conceived, designed and engineered in the UK and USA by Andy Munro, Siwei Zou and James Ishmaev-Young

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