



MAJIK ISOBARIK

PRODUCT INFORMATION – MAY 2011

A new chapter is due to be written in Linn loudspeaker design with the inspired re-invention of a classic design.

Featuring a unique isobaric bass system which produces rich, deep bass from a relatively compact cabinet, Majik Isobarik is an ingenious reconstruction of a much-loved loudspeaker.

Launched in 1973, the original Isobarik loudspeaker featured twin bass drivers which worked together to improve bass extension, a patented technique which went on to feature in Linn favourites such as Sara and Keltik.

The new Majik Isobarik applies knowledge gained from the last 35 years of speaker development at Linn and combines a complete redesign of Isobarik bass technology with the latest advances in high frequency reproduction.

Majik Isobarik Technology

Majik Isobarik features an 8" ported isobaric bass system which provides significant benefits:

- **Very deep bass from a relatively compact enclosure.**
By doubling the driving force (two motors), doubling the moving mass (two cones and two voice coils), and doubling the stiffness of the suspensions we can produce the same deep bass extension using only half of the enclosure volume required by a non-Isobarik design.
- **A reduction in distortion at bass frequencies.**
All bass drive units suffer from non-symmetry; the force required to push the cone forward is different to the force required to pull the cone inward. By mounting two bass drive units in opposite directions (face to face) we can enforce symmetry and ensure a more linear response to the input current.
- **Omni-directional bass, making positioning of the loudspeakers easier in any space.** By mounting the Isobarik system in the underside of the enclosure the Majik Isobarik delivers truly omni-directional bass. This has significant benefits in reducing the deleterious effects of loudspeaker and room interaction.
- **More bass output for the same electrical input.**
Firing the bass towards the floor increases the acoustic loading of the bass system allowing more acoustic power output.

2K Driver Array

- **A more complete soundstage throughout the room for better sound wherever you're positioned.**
The 2K driver array improves dispersion by significantly reducing diffraction.





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Playback Performance Options

The Majik Isobarik can be driven:

- passively (single-wire, multi-wire and multi-amp)
- Isobarik Aktiv (bass Aktiv, mids and highs passive)
- fully Aktiv (8 channels of amplification plus Aktiv cards)

Our **Isobarik Aktiv** bass packages make it simple and cost-effective for a customer to replace their existing playback system by simply:

- **adding a Majik 2100 with bass Aktiv cards plus Majik Isobarik**
(for those who already have a stereo amplifier)
- **adding a Majik 4100 with bass Aktiv cards plus Majik Isobarik**
(for those who may have older amps e.g. LK, and wish to replace them)

The above pre-configured packages are available to end-user customers on an ongoing basis and include free bass Aktiv cards (see Linfo for pricing).

