



SUPERWAX MINI

Large loudspeakers have a significant performance benefit and provide an exciting, theatrical soundstage and an articulate yet dynamic presentation of music. When it became obvious Superwax was a little large for most spaces, the question arose - what's the

Superwax Mini is constructed using birch plywood, a cabinet material usually reserved for professional products, primarily due to it's expense. An ever expanding range of veneers are offered together with three baffle colours, all precision CNC cut by skillful technicians and assembled by a small team in Hobart Tasmania.

With onboard preamplification, amplification, digital to analogue conversion, input selection, and volume control, all you need is a source. We've done all the hard work so you don't have to.





FEATURES & BENEFITS

Superwax Mini isn't that small, but manages to integrate well into listening spaces across the world. The 2-way design features short tilt feet that slant the loudspeaker when floor mounted, and it's low slung height is modest and unassuming.

The acoustic design is centred around the use of digital signal processing and a large constant directivity waveguide loaded with a titanium diaphragm compression driver that plays to around 1kHz. The DSP technologies allow for waveguide geometry optimisation beyond what is possible using traditional passive components, which results in a smooth frequency response anywhere in the listening room. Discrete amplifiers drive each loudspeaker element, which further negates any interaction between these devices in the signal chain, further reducing distortion to vanishingly low levels even at high power output.

The loudspeaker cabinet houses a powerful 15" neodymium magnet paper cone bass driver in a reflex enclosure that is braced internally. Unlike typical bass-reflex cabinets the ports are not tuned high into the mid-bass response to correct for driver rolloff - we can tune this with DSP. The low tuning from the large reflex ports allows for a deep, smooth, and effortless bass response capable of handling the 250w(RMS) available from the Hypex nCore amplifier.

By guaranteeing that the transducer and amplifier architecture is consistent, concessions do not need to be made for alternate amplifiers that vary the response. Consistency means even the finest of adjustments can be made inside of the digital signal processor to correct for the smallest corrections and alignments. The result is three highly refined tuning profiles loaded on every pair of Superwax Mini, Natural, Live, and Clean. These profiles allow for a range of response curves for varying listening preferences and rooms in which the loudspeaker interacts, without ambiguity or guess work.





APPLICATIONS

Superwax Mini is a loudspeaker designed for listening to music with the theatre of Superwax, in small to medium sized rooms. It can be wall or ceiling mounted in commercial settings, and floor, shelf, and soffit mounted to suit a range of decors.

Listening rooms, recording studios, restaurants, bars, as well as private rooms are suitable applications for Superwax Mini. Coverage has smooth roll off and spreads around 100 degrees horizontally. Superwax Mini does not require subwoofers.

We recommend a minimum front wall of 3m width, and a minimum room size of 12 m². This allows for the loudspeakers to have some space around them, and given their scale it's also important they don't feel too cramped.

LOUDSPEAKER SPECIFICATIONS

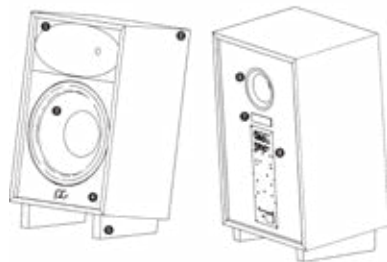
Components 1 x 1" HF
1 x 15" LF

Amplification Hypex nCore
1 x 100w HF
1 x 250w LF

Processor Hypex DSP
Frequency response 32Hz-25kHz +/- 1.5db
Bass extension 29Hz -3dB, 22Hz -10dB (half space)
Control interface IR Remote + USB
Power receptacle C13 IEC 120-240V
Connections Analogue XLR
Analogue RCA
S/PDIF
AES
Toslink

Dimensions 715h x 460w x 380d mm
(no feet)

Weight 40kg net 45kg gross



1. Waveguide
2. Cabinet
3. LF Driver
4. IR Receiver & LED
5. Tilt foot
6. Bass Port
7. Product name plate
8. Hypex amplifier module.

