

Spatial One



best compromise between fast transient and bass extension. The Isobarically Stable enclosure ensures there is minimal distortion from the high pressures inside vacuum shrinking the shape. Normal 'concealed' and dual chamber sub-woofer are a sixth order alignment and therefore have slow latency.



5.1 Monitoring

This is the near field monitor that is creating new rules for sound editing rooms! The Spatial One has the revolutionary diffuse tweeter that takes over the room acoustic. So even a small untreated room in the depths of a large industrial complex can be turned into an editing suite with enough accuracy to mix the most complex of jobs.



Monitoring with the 30Hz sub woofer extension.

Active-Passive Compliant

The Spatial One comes standard with a 5 way terminal binding post. Clearly marked polarity on solid brass fittings and a heavy gauge wire capacity. The passive input terminal of the Spatial One can be removed and replaced with an active input terminal. The passive terminal simply unplugs through a 4 way connector behind the terminal plate and the active terminal plugs in connecting the tweeter and woofer directly to the outside of the box ready for our active system amplifiers that drive the Spatial One Monitors with the crossover built into the amp.

Embedded Carry Handle With Mounting Points

Mounting is by the carry handle integrated into the design when used in conjunction with our range of Scaffolding Clamp Mounts (48.8mm / 1.9 inch diameter) fixed at the rear of the junction of the tweeter array and the enclosure. Thus you can fly these off any suitable trusses or you can get the stands, which are 4-foot high vertical base, and position them to suit your studio layout.

The Spatial One is a QB3 aligned rear vented enclosure. The 2-inch vent is flared on both ends to ensure that maximum bass performance is achieved without adding wind coloration under heavy loads. The tight alignment means the bass is fast. Normal vented enclosures have a fourth order alignment. A sealed enclosure has a second order alignment but typically not a lot of bass extension. A passive radiator monitor has a sixth order alignment. The higher the alignment order, the longer the latency, that is, the time it takes for the bass to respond. Whilst an active passive radiator design can always delay the pass band, the frequency range above the woofer, so that the bottom end catches up with it, they can never fix that sixth order transient. The QB3 is the perfect compromise. It has the bass extension of a larger vented enclosure and the latency of a sealed box. All this means you can hear the fast transient envelope of a kick drum skin on these small monitors.

The bass can be further extended using our 'Stomper' QB3 Direct radiating 30Hz Isobarically Stable Active Sub-Woofer. With a 10-inch carbon fiber reinforced driver and near a 2-inch travel a maximum of 115dB @ 1 yard is delivered. Again, the QB3 alignment provides the

SPECIFICATIONS

- Application: Near Field Clarity
- Sensitivity: 88 dB @ 1 watt 1 meter
- Frequency Response:-3dB: 59Hz to 18kHz
- Frequency Response:-10dB: 50Hz to 20kHz
- Polar Response: +/- 120 degrees @ 10kHz
- Tweeter: 1 x Inverted Cone Kevlar
- Woofer: 6.5 inch Polypropylene Rubber Surround
- Maximum Cone Excursion: 14 mm Peak to Peak
- Maximum Power Handling: Short term power: 150 watts
- Operating Power: 7 watts 95.5dB SPL, 1m
- Weight: 27 lbs /10 kg each
- Volume: 2.8 US gallons / 10 Litres
- Dimensions: 16 x 12 x 7.5 inches / 405 x 300 x 190 mm
- Terminal Post: 5 way binding post - passive / 4 way Speakon - active
- Protection: Robust parts and crossover power rating. Extra protection is not used, as sound compromise of any sort is not allowed. However, they pump, and through careful crossover design they handle the power.
- Dust Protection: These should be used in low dust environments.

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