

Hawk 8

Passive 2-way 8" + 2x1" SDS



The Hawk 8 is a two-way passive loudspeaker. Low frequency is from an 8" (200mm) transducer with a 1.8" (45mm) voice coil. High frequency is from Traction Sound's proprietary Soft Dome Source featuring 2 soft dome tweeters with a 1" (25mm) voice coil. These are coupled on an asymmetric horn that gives horizontal dispersion of 100 - 65 degrees and a vertical dispersion of 60 degrees. This design gives even coverage over the listening area. The horn can be rotated by the user.

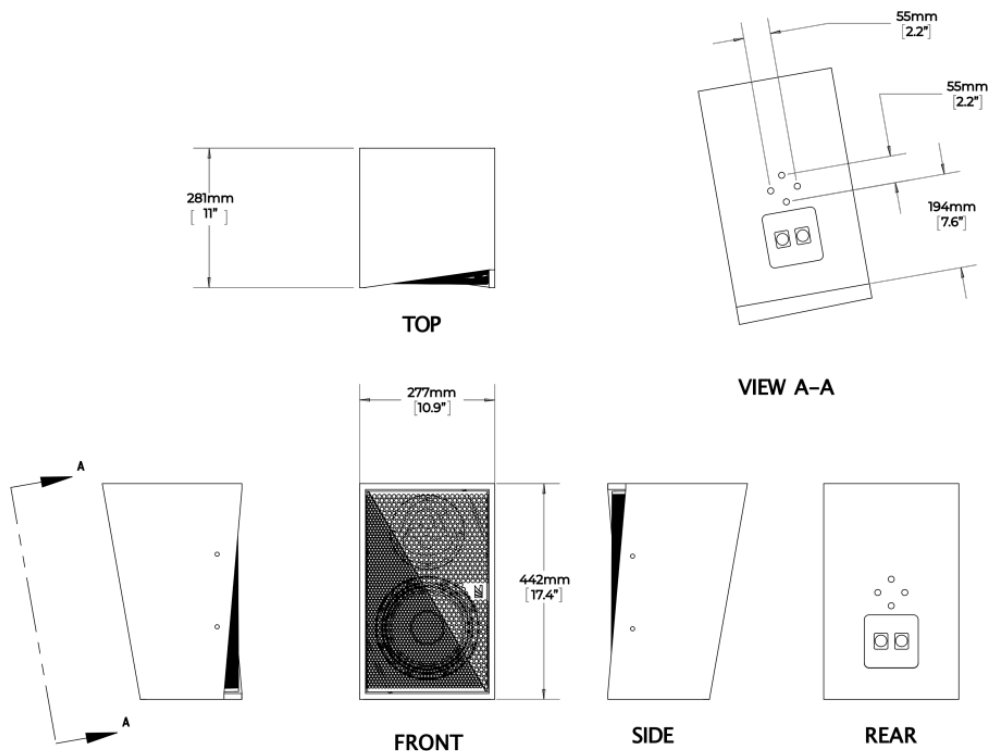
The Hawk 8 features a proprietary horn milled from solid wood. The wood naturally damps the resonances created by plastic or aluminium. The production process enables the control of the exact dispersion without expensive tooling.

The Soft Dome Source and the LF transducer are connected via an internal passive crossover. Neutrik® NL4 SpeakON™ sockets are provided allowing for input and linking other loudspeakers. This enables up to four speakers to be connected to a single amplifier channel. This helps reduce installation cost and complexity. Construction is from 12mm Birch Ply that is sourced from sustainable and managed woodland.

The cabinet is finished in textured polyurea. The drivers are protected by a heavy duty 14 Gauge (2mm) steel grill. The cabinet aesthetics takes its cue from contemporary architecture and computational design. The form factor has been optimized to minimize reflection from the rear of the cabinet. The damping material used in the cabinet is from made from recycled single use plastics. A complete range of mounting hardware is available to compliment the Hawk 8. This includes wall and ceiling brackets as well as options for more demanding situations. The Hawk 8 has been designed to use Traction Engine amplifiers and Traction Control DSP.

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Passive 2-way 8" + 2x1" SDS



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| Type | 2-way passive loudspeaker |
| Frequency Response (1) | 77Hz - 20kHz |
| HF Driver | 2x 1" (25mm) voice coil, fabric dome with a neodymium magnet |
| LF Driver | 8" (200mm) / 1.8" (45mm) voice coil with a ferrite magnet |
| Power Handling (2) | 125W AES 500W Peak |
| Power Handling LF (2) | N/A |
| Recommended Amplifier | Traction Engine 4 1000DSP |
| Sensitivity (2) | 94dB |
| Maximum SPL (4) | 115dB Cont. 121dB Peak |
| Nominal Impedance | 8 Ohms |
| Crossover | Internal passive crossover |
| Connectors | 2x Neutrik® NL4 SpeakON™ |
| Nominal Dispersion (-6dB) | 100 - 65 degrees horizontal 60 degrees vertical (user-rotatable) |
| Primary Construction Material | 12mm Birch plywood |
| Available Finish | Black PU coating |
| Dimensions | 277mm x 442mm x 281mm |
| Fittings | 4x M6 inserts for wall/ceiling brackets |
| Weight | 8.8kg |
| Available Accessories | Wall Bracket, Ceiling Bracket, Pole Mount Bracket |

Notes

- (1) Measured on axis in half (2pi) space at two meters and referred to 1 meter. With DSP preset applied.
- (2) Tested to AES 2-1984 Rev. 2003.
- (3) Measured in half (2pi) space at 2 meters with 2.83V input, using band limited pink noise, then referred to 1 meter.
- (4) Calculated at 1 meter.