SALT WOOD SOUNDS

Natural High Fidelity

PRODUCT INFORMATION SHEET

THE FINISTERRE

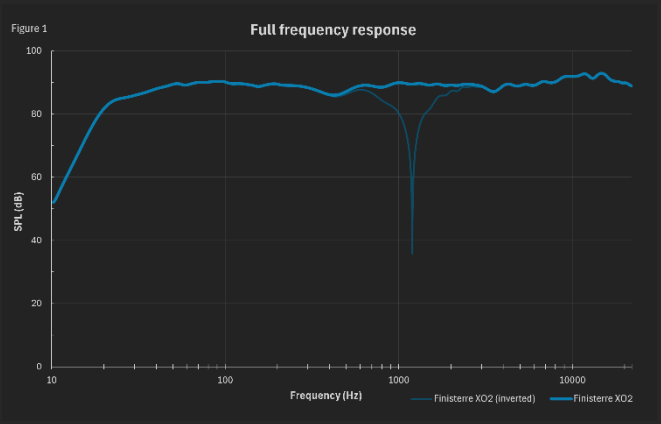
The Finisterre from Saltwood Sounds is a mid-size floor standing ported two-way passive speaker (pair). They are made from sandwich layers of highest-grade Baltic Birch ply and with matched solid French walnut front baffles. They have a natural curved shape and are warm to the touch. The enclosure incorporates both bracing and the port inherently within its structure. Rounded baffle edges minimise edge-diffraction effects. The cabinets are hand finished and protected with Osmo natural oil. Each cabinet is supported with a damping system within the stand to vibrationally isolate the speakers from their physical location (LEV system).

They are designed with both audio quality and aesthetics as the highest parameters. They are particularly room friendly – they sound good in a range of positions from a range of listening positions and have a small form factor and footprint. They generate bass response down to low frequency levels given the size of the enclosure, while maintaining control at all other frequency levels. The speakers have been successfully driven by a range of amplifiers, both high and low power and from low power tubes (valves), Class A, A/B and D. Nevertheless, amplifiers capable of supporting higher current draw, to drive the Purifi woofer are required.

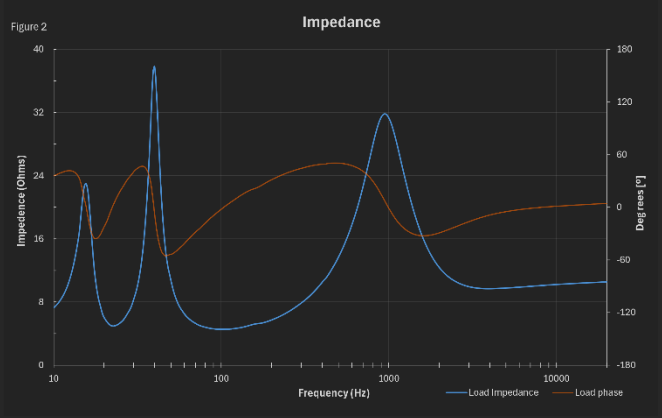
Both woofer and tweeter perform within their optimum ranges where distortion is kept to absolute minimums. The cross-over uses very high quality audiophile grade components. Occam's Razor is held to obtain a flat (± 3dB) full frequency response (22 Hz - 22 kHz) and phase alignment with a minimalistic design.

SPECIFICATIONS

Frequency response (Measured)	22 Hz to 22 kHz



Cross-over	1300 Hz (High: 2nd order, Low: 2nd order with series notch)
Deviation	+/- 3 dB
Bass	F3: 30 Hz, F5: 22 Hz, F10: 18 Hz
Nominal impedance	6 Ohms
Minimum impedance	5 Ohms at 100 Hz



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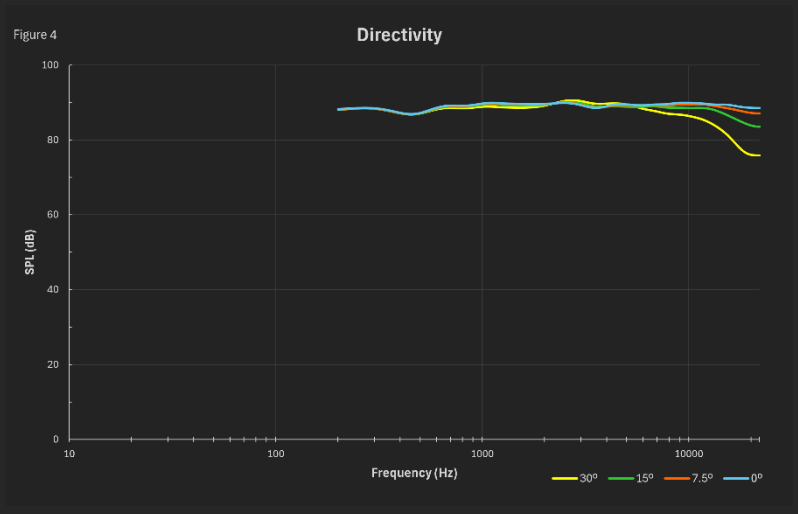
Phase alignment

The phase of the woofer and tweeter match over the whole cross-over frequency range [600 - 2400 Hz], supporting the design of low-order filters and minimizing distortion. The woofer and the tweeter are balanced and supportive of each other where they work in unison. Distortion should be absolutely minimized and directivity optimal.

Directivity



The off-axis frequency response shows good behaviour with directivity maintained up to high frequency ranges. At 7.5° the drop-off is insignificant. At 15° drop-off starts at 15kHz and is very minor (5 dB) at 20 kHz. At 30° Directivity is maintained (≤ - 3 dB) up to 10,000 Hz. This confirms that the speakers are tolerant of placement with a wide optimum listening zone.

Sensitivity	87 dB (SPL @ 1W/1m)
Enclosure volume	50L
Recommended amplified power	~50 – 250 W
Dimensions	880 mm (h); 295 mm (w); 405 mm (d) + 30 mm binding posts
Weight	Approx. 40 kgs per speaker

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QUALITY CONTROL

Each speaker is tested for its anechoic frequency response (impulse response) and impedance response to perform within specified acceptance ranges. Frequency responses are visually confirmed against a reference response, while impedance responses are required to conform to quantitative acceptance criteria.

UNPACKING AND INSTALLATION

At least two people should carefully lift each speaker out of its transport packaging. Stand the transport box upright with the Saltwood Sounds logo at the top. Open the box and guide the speaker out using the port as a handle. Be careful not to touch the woofer and tweeter and do not place back down on the binding posts. Be careful not to allow any hard or sharp objects to be compressed between the person lifting and the speaker. Objects such as metal zips, metal watches are best removed or covered. On hard surfaces, they may be slid into position by placing on a cloth.

Connect speaker wires (red = + positive and black = - negative).

The speakers should be positioned slightly “toe-in” depending on the size of the room and the listening position. It is recommended to adjust the position until the desired optimal sound is achieved.

CARE AND USAGE

The speakers have a natural matt finish, which is smooth and tactile. They do not suffer from finger marks. The Osmo natural oil used to protect the speakers is food safe, highly water repellent but also microporous to allow the wood to breathe. After time, an ultra-smooth finish can be brought back by lightly rubbing with 2000 grit wet & dry paper.

Do not expose the speakers to abrasive surfaces. Scratches are best left to acknowledge as part of wear and tear and lifecycle. Sanding or buffing “out” may cause a miss match in the colouration of the surface.

Do not expose to water or use in wet environments. They are high-fidelity speakers and meant for indoor use.

The tweeter diaphragm is very sensitive and should not be touched to prevent damage or soiling. Beryllium produces toxic vapours on ignition.

SUSTAINABILITY STATEMENT

The speakers are manufactured in Europe. The walnut wood is sourced locally and together with the birch plywood is certified by FSC. The Osmo oil used for finishing and protecting is nontoxic, food safe and is derived from natural plant oils and hard waxes.

The speakers are manufactured with a long-life expectancy. They are made with robust components and manufacturing techniques.

WARRANTY

Manufacturing defects are covered for 3 years. This statement will be adjusted based on real time data.

CONTACT

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