

Mezzo

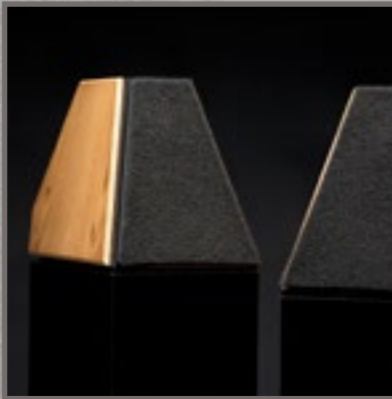


WILSON[®]
AUDIO

Mezzo

Mezzo is the latest product from the Wilson Special Applications Engineering Team™. This category of products are engineered from inception to address those situations where the typical floorstanding loudspeaker fails to adequately meet needs that fall outside the typical listening room/home theater environments.

Wilson has a long and storied history of developing products for specific applications. The first product to fit that definition was the Wilson Audio Tiny Tot, or WATT®. Long before it became the mid and upper range part of the venerable WATT/Puppy® combo (the best selling over \$10k loudspeaker in audio history), it was originally designed as a portable location monitor. The WATT played a significant role in the series of audiophile-quality recordings Dave engineered in the mid-nineteen-eighties. Originally designed as a convenient way to transport the WATT from recording locales, a machined-aluminum handle, originally included for Dave to carry the WATT to and from recording studios, was included in subsequent models as a reminder of its special applications pedigree.



The Mezzo™ was also formulated in mind: a loudspeaker endowed with a driver complement nearly identical to Wilson's Sasha W/P®, but in a low-profile form. When used as a center channel, Mezzo seamlessly matches the acoustic signature of Wilson's remarkable Sasha. Indeed, the Mezzo features a driver complement nearly identical to the Sasha. The exception being the midrange driver, which is borrowed from the legendary Alexandria X-2®. The Mezzo provides an unprecedented level of musical accuracy in music systems and home theaters where its low-profile form solves architectural challenges, such as in those installations where a tall loudspeaker would block wall-too-wall cinema screens, the view afforded by large windows, or would obstruct wall-hanging artwork. Whether it is used as a center channel in conjunction with Sasha, MAXX, or Alexandria, or as the main loudspeaker, Mezzo matches the tonal beauty, dynamic speed, tonal sophistication, resolution, and sense of "thereness" that are hallmarks of Sasha W/P.



The form of any Wilson Loudspeaker—its industrial design—is invariably the physical manifestation of a specific engineering function.

The angled front baffle evokes the Mezzo's low-profile architecture. Mezzo's baffle alignment was engineered for enhanced coherence in the time domain, presenting the listener with a detailed and transparent soundstage of proper height, width, and depth.

The midrange baffle of the enclosure's baffle is made from S-material, Wilson Audio's newest proprietary composite. First used in the midrange baffle in Sasha W/P, S-material provides a near perfect balance between resonance control and the preservation of midrange beauty.

The adjustable tweeter module ensures accurate group delay correction for a variety of installations, preserving delicate transient information and tonal beauty.



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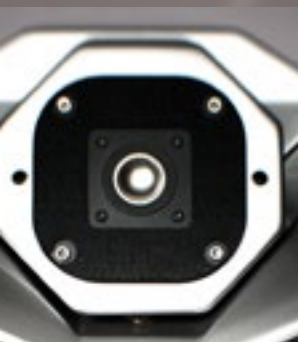
Pedigree

The success of any great loudspeaker design begins in the critical midrange. Mezzo sources its midrange driver directly from the ground-breaking Wilson Alexandria Series-2. When designing this midrange driver, Dave wanted the bandwidth to be as broad as possible so as to reveal the true tonal density and color of musical instruments. But perhaps this driver's most far-reaching achievement is its ability to start and stop nearly instantaneously. Mezzo's unrivaled ability to reproduce the subtle dynamic shading and low-level reflections that we recognize from live music are in large measure made possible by the Wilson midrange driver.

The tweeter, which finds its origins in the Sasha W/P, uses advanced technology and material in the area behind the diaphragm. All tweeter diaphragms are partially acoustically transparent. Any out phase or time-delayed reflections that make their way out of the front of the tweeter are heard and measured as noise and distortion. The Mezzo tweeter makes use of proprietary materials in combination with proven mechanical configurations that effectively reduce these time-delayed reflections, preventing them from subsequently corrupting the primary waveform. As with Sasha, the Mezzo tweeter excels in all areas of high-frequency performance: clarity, dynamic expression, sweetness of tone, and resolution. It is an excellent companion for the proprietary Wilson midrange driver. The resulting fabric of tonal beauty woven by these two drivers is both seamless and complete—richly portraying instruments as they are heard in life.

The woofers are also identical to the units used in the Sasha W/P. The speed, dynamic alacrity, and tunefulness that are all distinctive features of the Sasha are in evidence here in similar proportions.

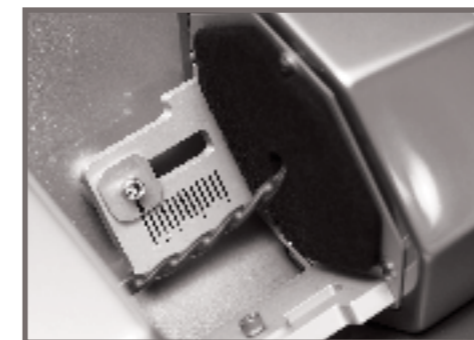
The adjustable tweeter module design, which is a signature feature of Mezzo's geometry specifically addresses the need for a low-profile loudspeaker. Achieving near-perfect tweeter alignment at the listen-



Technology

ing position requires the adjustment of the tweeter by changing its relative position in relation to the midrange and woofer drivers, such that all of the drivers' acoustic centers are equidistant from the listener. The tweeter module is adjustable via a provided chart according to ear height and listening distance—and for a variety of Mezzo installation strategies. Whether the Mezzo is installed directly on the floor, on one-of-two custom designed stands, or in custom cabinets, the Mezzo's drivers can be properly aligned to accommodate each of these scenarios.

The Mezzo crossover features technology adapted from the Sasha W/P, which in turn found its genesis in the Series 2



Alexandria and the MAXX Series 3. The goal was to reduce propagation-delay "jitter"—noise generated as a result of interactions between the different crossovers. As a result, Mezzo's overall resolution, intertransient silence, dynamic speed and nuance are nearly identical to the Sasha W/P.

S-material is a relatively new Wilson enclosure composite designed in conjunction with the Sasha W/P. The Mezzo's S-material front baffle reduces measurable and audible noise and coloration in the critical midrange. Wilson's proprietary X-material is used in the balance of the enclosure walls, continuing Wilson's practice of building ultra-low resonance cabinets.



The Mezzo is available with two stands. The Hourglass Stand features a solid front plinth, which allows for 2π Steradian support of the midrange and woofer drivers, resulting in more linear and impactful performance in the upper bass and lower midrange. The second optional stand features a pedestal that can be customized for different heights.





S pecifications

Woofers: Two – 8 inches (20.32 cm)

Midrange: One – 7 inch {17.78 cm} Cellulose/Paper Pulp

Tweeter: One – 1 inch {2.54 cm} inverted titanium dome

Sensitivity: 96 dB @ 1 watt @ 1 m @ 1 kHz

Nominal Impedance: 4 ohms / 2.8 ohms minimum @ 98 Hz

Minimum Amplifier Power: 25 Watts per channel

Frequency Response: 20 Hz – 22.5 kHz +/- 3 dB

Room Average Response [RAR]

Overall Dimensions: Height: 17 3/8 inches (44.13 cm)

Width: 29 1/2 inches (74.93 cm)

Depth: 20 7/8 inches (53.06 cm)

System Weight: 159 lbs. (71.21 kg)

Total System Shipping Weight (approx.): 250 lbs. (113.40 kg)

