



OMEN CENTER SPECIFICATIONS

ZU AUDIO OMEN CENTER Mk.I [REV-A] LOUDSPEAKER SYSTEM SPECIFICATIONS + INFORMATION

Description	High efficiency, high output, direct radiating center-channel loudspeaker. Omen Center features Zu's full-range driver (Zu260FRD/G4), no crossover or filters on full-range driver, complimented by twin composite dome time-aligned machined from billet tweeters to provide solid horizontal upper treble distribution and resolution (12kHz and up).
Architecture	Zu / orthogonal Scandinavian
Production	October 2010—
Dimensions H W D	11 x 19-1/2 x 8" [28 x 50 x 20.4cm]
Weight	31 pounds [14kg]
Packaged	one loudspeaker per shipping box, 36 pounds [16.5kg]
Bandwidth	50—25kHz
Efficiency	98dB SPL @ 1W, 1m
Impedance	12Ω, nominal full bandwidth
Horizontal Listening Window	50°
Vertical Listening Window	35°
Recommend Listening Distance	3 feet [1m] or more
Accepted Connectors	via standard 5-way binding posts: 1/4" spade [6.3mm], oversized 5/16" [8mm] spade, bare wire, banana plugs
Internal Cabling	ZuMission hookup wire
Power Recommendations	4—12 watt (average room, moderate volume) 12—36 watt (large room, loud listening) 36—200 watt (large room, concert levels) 200 watt (maximum input power)
Amplification Considerations	anything that sounds good (floating load, any amp type or circuit is fine)
Component Tolerance	better than 1% driver pair matching, 0.1% on all other electrical components
Tweeter Detail	2x Zu APT-L2 tweeter assembly // bandwidth: 12k—25kHz
High-Pass Filter Detail	first orderessel @ 18kHz (12kHz acoustical) PulseX 1uF + loading R
Full-range Driver Detail	1x Zu260FRD/G4, 10-1/3" full-range driver // bandwidth: 50—12kHz (direct and unfiltered)
Cabinet	North American MDF skinned with real wood veneer
Spike / Feet Insert Thread	none
Included With Loudspeaker	1x hard press-on full-range driver covers, installed 1x owner's manual
Life Expectancy	100 years; cabinet, and drivers, including the Zu 10.3" [260mm] drivers; even in direct sunlight
Manufacturers Country Of Origin	U.S.A. all parts and labor excluding just a few small parts
Compliances	RoHS WEEE
Warranty & Service	5 years limited on cabinet and drivers—warranty does not cover misuse, abuse, components upstream from the loudspeaker system, modifications or non-factory service.



OMEN CENTER INFORMATION

ZU AUDIO OMEN CENTER Mk.I [REV-A] LOUDSPEAKER SYSTEM SPECIFICATIONS + INFORMATION

Omen Center is designed specifically for center-channel applications, with vocal resolution and natural presentation being the primary design goal. The Omen series represent the meat and potatoes of what Zu is about, standardized and designed for high-volume loudspeaker production—the only way to get this level of quality, performance, and good looks at this price. Our drivers, machine work, cabinetry, finish, assembly, packaging, all done by us in Ogden, Utah.

Even though Omen series are our entry level loudspeaker, they are still built to last a lifetime: cabinet material, adhesives, driver assemblies... every component is a high quality part designed to perform.

OMEN SERIES TECHNOLOGIES OLD & NEW

Omen Center, like all Zu products, is built around the critical human voice (A1, 55Hz, through A6 and all the possible harmonics, to approximately 10kHz). Serving this critical region of tone is Zu's 4th generation (standard motor) 10.3" [260mm] paper coned full-range driver. And despite what many audio snobs might think about it based on price, Omen loudspeakers are true state-of-the-art loudspeaker systems—two-channel stereo or multi-channel home theater.

ZU260FRD/G4 FULL-RANGE 10" DRIVER

This is Zu's proven 10" [260mm] full-range driver, with the addition of the high frequency diffusion detail in the face of the pole piece extension. This "phase plug" is a carry over from the research and testing we did with Essence, which gives Omen Center a more linear management of high frequencies and broader dispersion from the directly coupled to voice coil inner cone.

COLORS & FINISH OPTIONS

Please download the current price list for standard finish options. Other finishes are available through the Zu custom shop. Inquire for pricing.

Standard finishes are top coated by UV protecting premium grade conversion varnish. All finish work is done in Zu's custom finish shop using processes and techniques developed by top U.S. acoustic guitar builders for a deep rich three dimensional look and great feel.



OMEN CENTER

INFORMATION

ZU AUDIO OMEN CENTER Mk.I [REV-A] LOUDSPEAKER SYSTEM SPECIFICATIONS + INFORMATION

QUICK SETUP NOTES

Omen Center is designed to be used as a center-channel loudspeaker. The sound great mounted to a stand or sitting on a table.

The ideal position for Omen Center is horizontally in-line with the acoustic center of your left / right main loudspeakers—only really accomplished with acoustically transparent screens. When using it with direct view monitors, we recommend positioning it as close to the bottom of the screen as possible.

RoHS compliant. All parts used within Omen Center are 100% recyclable. They do not contain any toxic material as finished. Any Zu product or part may be sent back to Zu, free of charge, for proper reuse or disposal. Zu Omen Center loudspeaker systems are classified as a lifetime life-cycle product and will most likely be in service for well over 50 years.

TIPS ON GETTING GREAT SOUND FROM OMEN CENTER

Omen Center loudspeaker now get 200 hours of factory burn-in, it will sound good right out of the box but will not give you its best for several weeks, depending on how much play it get and what kind of music it sees. If at first you find it restrained and a bit conservative, relax, it will come around.

Zu Omen Center loudspeaker is sensitive to the cold. If you have received, moved or stored it in cold temperatures it will take a week or so to again sound its best.



OMEN BOOKSHELF ISOMETRIC

ZU AUDIO OMEN Bs Mk.I [REV-A] LOUDSPEAKER SYSTEM SPECIFICATIONS + INFORMATION

