



OMEN DEF SPECIFICATIONS

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

Design	High efficiency, high output, moderate impedance, direct radiating floor standing loudspeaker. Omen Def features Zu's full-range driver (Zu260FRD/G4), in the Zu Definition architecture, Zu-Griewe driver/box/room acoustic loading technology, no crossover or filters on full-range drivers, complimented by a phenolic composite dome time-aligned machined from 6061 billet lensed tweeter to provide the acoustic sparkle and resolution from 10kHz and up.
Launched	November 2010 with production units shipping December 1, 2010
H W D	47 x 12 x 12 [119.4 x 30.5 x 30.5cm]
Footprint	12 x 12" [30.5 x 30.5 cm]
Weight	78 pounds [36kg]
Packaged	one loudspeaker per shipping box, 84 pounds [38kg]
Driver Complement	2x Zu260FRD/G4, 10-1/3" full-range driver in Zu Def array covering 30~12,000 Hz Zu APT-L2 tweeter assembly with stainless screen
Component Tolerance	better than 1% driver pair matching, 0.1% on all other electrical components
Recommended Connector	5-way binding posts accepting:
Accepted Connectors	1/4" spade [6.3mm fork], 5/16" spade [8mm fork], bare wire \leq #4 AWG, banana plugs
Efficiency	98dB SPL @ 1W/1m
Impedance	6 ohm, nominal full bandwidth (see impedance graph for complete detail) 4 ohm with 10 ohm parallel loading resistor (option, simple in-room binding post install)
Average Room / Moderate Volume	2~6 watt
Large Room / Loud	6~20 watt
Large Room / Concert Level	30~90 watt
Max Music Input Power	400 watt
Max sustained RMS Power	300 watt
Bandwidth	30~25kHz
Group Delay	< 5ms
Dynamic Range	122dB
Horizontal Acoustic Center	35" [89cm]
Horizontal Listening Window	45°
Vertical Listening Window	20°
Full-range Driver Network	none
Super-tweeter Network	2nd order Bessel @ 10kHz (Erse PusleX condensers and ALq chokes)
Internal Cabling	Zu Mission hookup wire, pure copper
Cabinet	North American MDF skinned with real wood veneer
Spike / Feet Insert Thread	3/8~16 TPI (9/16" hex nut, 14mm wrench can be used but is tight)
Included With Loudspeaker	hard surface ball end footers installed with S.S. 9/16" jam nuts also included are carpet spikes, owners manual, polish cloth, and copper lug cleaning kit
Manufacturers Country Of Origin	U.S.A. 98%
Life Expectancy	100 years plus, all parts
Compliance	RoHS I 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 DEF SPECIFICATIONS

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

