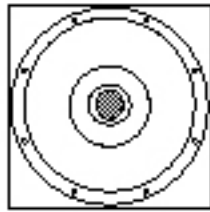


CUBE Mk. II

OVERVIEW + SPECS



COMPLETE

4 | 2013



CUBE Mk. II SPECS

ZU AUDIO CUBE [Mk. II] LOUDSPEAKER SYSTEM CHANGES

Cube is dimensional resolution, dynamics and the tone/texture envelope—stuffed.

Zu Cube loudspeakers are all about getting real tone and live-level sound into small spaces. Our new ten inch co-axial driver is stuffed into the smallest possible cabinet and the combo redefines dynamic expression, dimensionally stable leading-edge resolution and tone-right high-fidelity playback for loudspeakers in and around this size.

What? Someone wants smaller? When was the last time a small set of desktop speakers started a party. Okay fine if you're all about the Musak I can understand, but if you have found Zu we're sure your music is NOT in the background.

If you prefer big full showers to sponge baths Cube is your new desktop speaker.

These are speakers that will last your lifetime and will sound good for the whole journey. Their one fault, they need a sub to really do bass-heavy music.

CUBE QUICK SPECS

Height: 10.5" [26.7 cm]
Footprint: 10.5 x 10.5" [26.7 x 26.7 cm]
Weight: 27 pounds [12 kg] each
Bandwidth: 80–22 kHz
Efficiency: 98dB SPL 1W/1m
Impedance: 8 ohm
Power Amp Range: 1–150 watt
Made In Ogden, Utah—U.S.A.

ZU NANOTECH HIGH-OUTPUT CROSSOVER-LESS CO-AX

The heart and soul of any great loudspeaker system is always the driver(s). And with Cube we've gone all out. Cube uses our new to-the-max co-ax driver—running full-range and totally filterless from bass through treble (12k Hz). No coils, no nothin', just an intimate connection of your amp to the driver. It shares much of the same engineering as our recently released high-output nanotech ten-inch full-ranger (developed for and first used on our flagship Dominance loudspeaker). The paper-cored nanotech cone yields a very well damped and extremely quick cone propagation velocity. This translates into a tone dense and resolving sound that is highly expressive of timbre and dynamic nuance. We also developed a massive and powerful motor complete with magnetically under-hung voice coil assembly to realize the full shove potential of all that high-strength magnetic sweetness. Getting all this high-output torque and horsepower transmitted into the cone has demanded a heavy cast aluminum basket, high damping surround and spider, a Mylar/ridged-paper former and high-tensile adhesives to tightly interface the nanotech cones.



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ACOUSTIC TECHNOLOGY

Pretty simple here, the cabinet is sealed.

CABINET-WORK AND MATERIALS PALLET

Cube is made from North American high density composite wood plate (comp60), machined on state-of-the-art CNC mills. Cube uses real wood veneer layed-up and pressed at the plywood factory and not glued after assembly. This ensures your finish will not lift or warp, and it yields the flattest surfaces and tightest seams. For glue, it's Titebond III, for the highest joint strength and a lifetime of unflinching, moisture-proof service.

OTHER DETAILS

Cubes's hook-up wires are x-linked PE / low strand count pure copper conductors, terminated with Panduit disconnects that are high-pressure crimped in made-to-spec Panduit dies for the best sound and longest life. Binding posts are machined from a single piece of bar stock and the male disconnect tab is machined right into it. The tweeter's high-pass is, by design, a simple, single component network, a single polypropylene capacitor. The coaxially mounted tweeter is substantial, and borrows some of the tricks developed by Radian, namely a PET damped aluminum alloy 1.7" dome and former.

COLORS & FINISH OPTIONS

Standard satin varnish offerings are: Ghost Black Maple | Gray Maple | Sangria Maple | Electric Blue Maple. And from time to time we do make a run in walnut. Other finishes are available through the Zu custom shop. Inquire for pricing.

The above standards are top coated by UV protecting premium grade conversion varnish. All finish work is done in Zu's custom finish shop.

TIPS ON GETTING GREAT SOUND

Cube loudspeakers get 600 hours of high-intensity factory burn-in to ensuring they will sound great within just a few days of play. Nevertheless, if they are transported in cold weather, they take longer to "warm up" and return to giving you their best.

Thanks for your interest, and please don't hesitate to call or email, we love what we do and we are here to help.



CUBE Mk. II SPECS

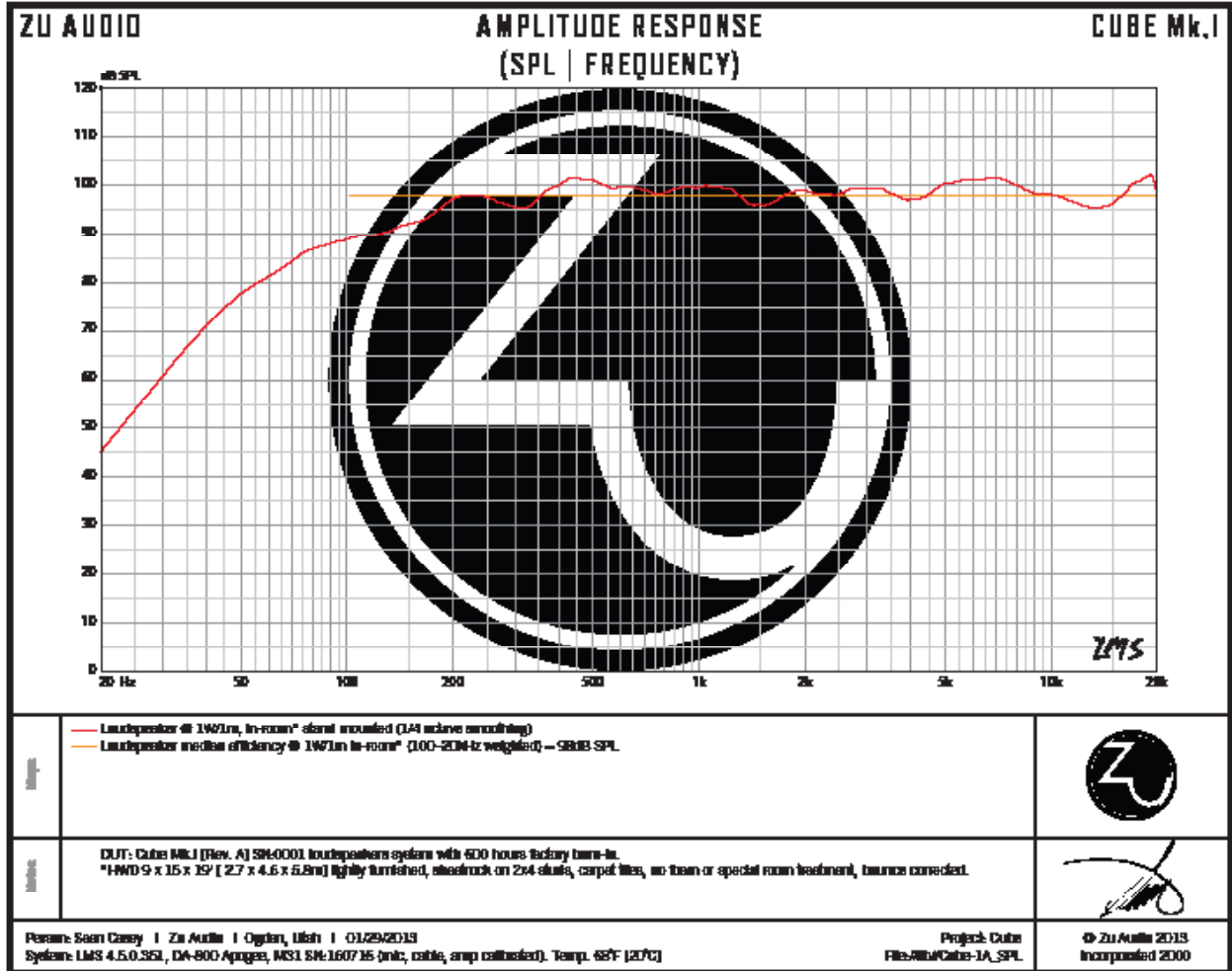
ZU AUDIO CUBE [Mk. II] LOUDSPEAKER SYSTEM CHANGES

Design	Cube is a high efficiency, high output, moderate impedance, direct radiating coaxial desktop/bookshelf/center channel loudspeaker. Cube features a co-ax version of our new full-range high-output nanotech full-range driver. Cube features a sealed acoustic loading and runs without crossover or filters on the full-range driver, complimented by a coaxially mounted dynamic tweeter providing the acoustic sparkle and resolution from 12kHz and up.
Launched	January 2013
H W D	10.5 x 10.5 x 10.5" [26.7 cm all]
Weight	27 pounds [12 kg] each
Packaged	FlexPak foam encapsulated, 30 pounds [14 kg] each 17 x 17 x 17" [43.2 x 43.2 x 43.2 cm]
Driver Complement	ZuCX/ND-8, 10-1/3" full-range nanotech driver covering 80–12,000 Hz with ASD:1001 tweeter assembly taking care of the high treble overtones.
Component Tolerance	better than 0.5% driver pair matching, 0.1% on all other electrical components
5-Way Binding Posts (CE compliant)	accepting: 1/4" spade [6.3 mm fork], 5/16" spade [8 mm fork], bare wire ≤ #4 AWG, banana plugs
Efficiency	98 dB SPL @ 1W/1m
Impedance	8 ohm, nominal full bandwidth (6.5 ohm minimum at 300 Hz)
Average Room / Moderate Volume	1–4 watt
Large Room / Loud	4–16 watt
Large Room / Concert Level	16–50 watt
Max Music Input Power	200 watt
Max sustained RMS Power	150 watt
Bandwidth	70–22k Hz
Group Delay	< 5 ms
Horizontal Listening Window	40°
Vertical Listening Window	40°
Full-range Driver Network	none
Super-tweeter Network	1st order @ 12k Hz (acoustic) [simple 1.0µF capacitor in series positive to positive]
Internal Cabling	Zu Mission hookup wire, pure copper
Cabinet	North American made high-density comp60-HDF composite, skinned with real wood veneer
Manufacturers Country Of Origin	U.S.A. [99%]
Life Expectancy	100 years plus, all parts
Compliance	CE RoHS WEEE
Service Tools	T-25 drive for fasteners used on full-range driver
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.



CUBE Mk. II SPECS

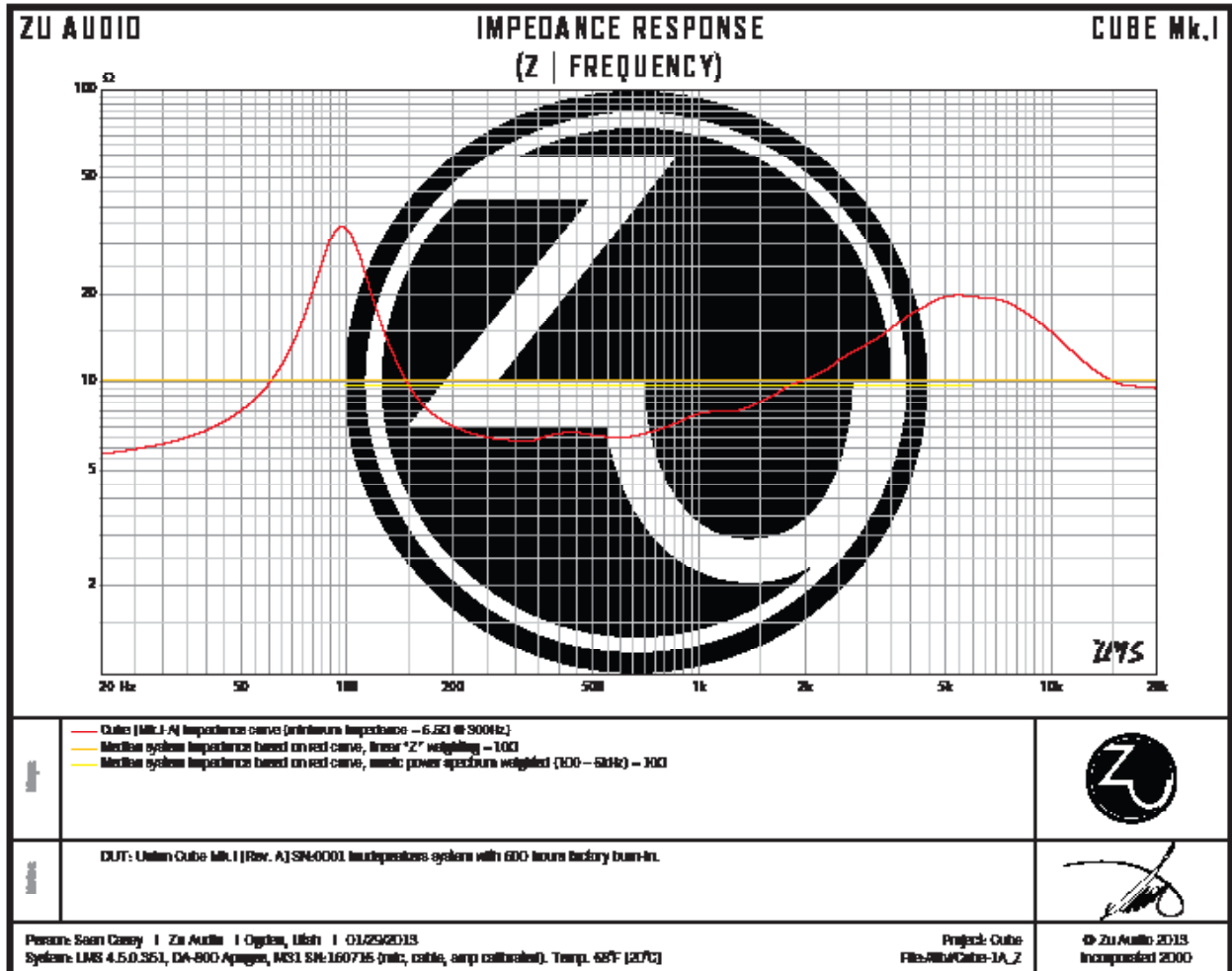
ZU AUDIO CUBE [Mk. II] LOUDSPEAKER SYSTEM CHANGES





CUBE Mk. II SPECS

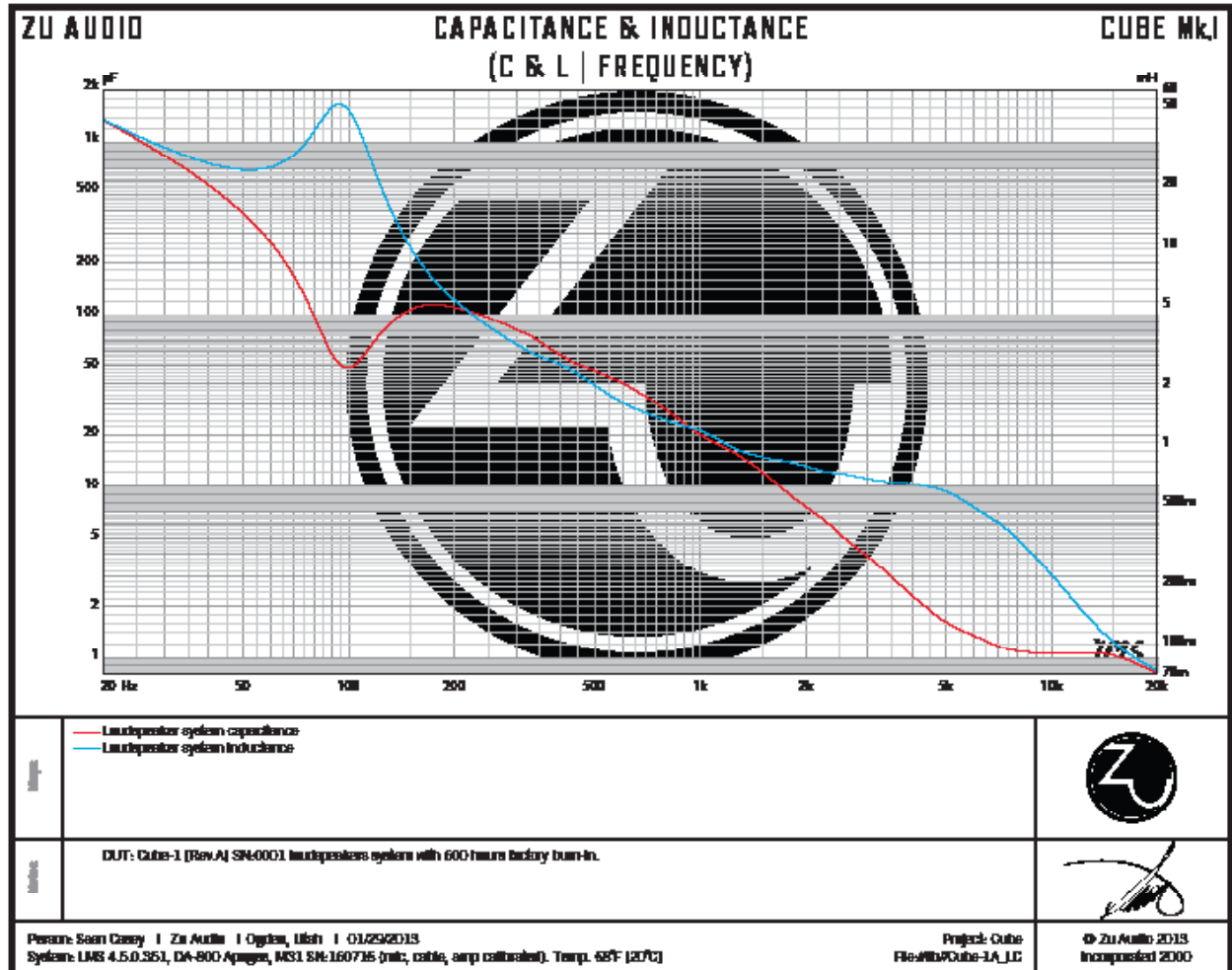
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CUBE Mk. II SPECS

ZU AUDIO CUBE [Mk. II] LOUDSPEAKER SYSTEM CHANGES





CUBE WARRANTY

Zu products are designed and manufactured to the highest quality. However, if something does go wrong Zu will fix or replace the product free of charge. Zu Cube loudspeakers have a five year limited warranty from date of purchase to original owner. If under normal home use you have any problems with drivers, cable, parts, cabinet, we will fix or replace the product. Loudspeaker warranty and service can usually be performed by the user, also known as DIY service, in such cases Zu will provide full technical support. This provides faster repair of product (reducing down time is always good), minimizes handling hassle and damage potential to both Zu and you, and reduces shipping costs.

Zu loudspeaker finish warranty covers color changes in paint, finish checking, and oxidizing. While we use the highest quality UV protecting topcoat finishes, we cannot guaranteed against fading and you should keep them out of direct sunlight, just like a piano. While every effort is made to ensure a perfect finish that will last a lifetime, this warranty does not cover damage from impact and abrasion, or seam / core construction visibilities in extreme high temperature / high humidity environments. Zu products are designed to be used in temperature and humidity controlled environments, namely your home or office unless otherwise stated. Warranty does not cover loudspeaker finish damage caused by the extremes of an uncontrolled environment.

If in the highly unlikely event that a Zu product arrives to you dead on arrival (D.O.A.), and after discussing it with a Zu tech, we will ship another of the same product at our expense and arrange for the D.O.A. product to be collected. If after inspection we find that you have misrepresented a returned product's condition, and that it was improperly handled or used, Zu will charge you for all damaged parts, labor, shipping and handling of the product.

Warranty does not apply to damage caused by operating the product outside the intended use, accident, another product, misuse, abuse, flood, fire, earthquake or any other external causes. Warranty does not cover damage caused by modification or service performed by anyone other than a Zu representative. Cosmetic damage is also excluded from warranty, as is all product that has any part of the Zu serial number removed.

When a product or part is exchanged the replacement becomes your property and the suspect or damaged part becomes Zu's property. Parts provided by Zu must be used in products for which the warranty service is claimed.

WHAT YOU CAN EXPECT IF WARRANTY SERVICE IS NEEDED

If warranty becomes necessary, you must call or email for a return of material authorization (R.M.A.) number, or to arrange for user serviceable parts. This provides opportunity to assist in diagnosing the problem and helps us to schedule for rapid turnaround in the event that parts, service or repair is needed. Upon factory inspection of parts or product, warranty eligibility will be determined. While service options, parts availability and response times will vary, we do our best to keep you happy. International customers should know that Zu will comply with all applicable export / import laws and regulations, you may be responsible for custom duties, taxes, broker fees, freight, and other charges. When shipping of product or part is required, repackage the complete product, or part, in its original packaging. If you have any questions about packaging please call or email. Product damage caused from incorrect repackaging is not eligible for refund or warranty and the freight company may also reject your insurance claim. Until we have the product back in the shop and sign-off that it is eligible, the product is still your property, we recommend you insure or declare the full value when shipping. We also recommend that you only ship with a freight company that has a good reputation and offers tracking and insurance for the full amount.



ZU AUDIO

Ogden Commercial Industrial Park
3350 S. 1500 W.
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