



SOUL SUPERFLY Mk.I SPECIFICATIONS

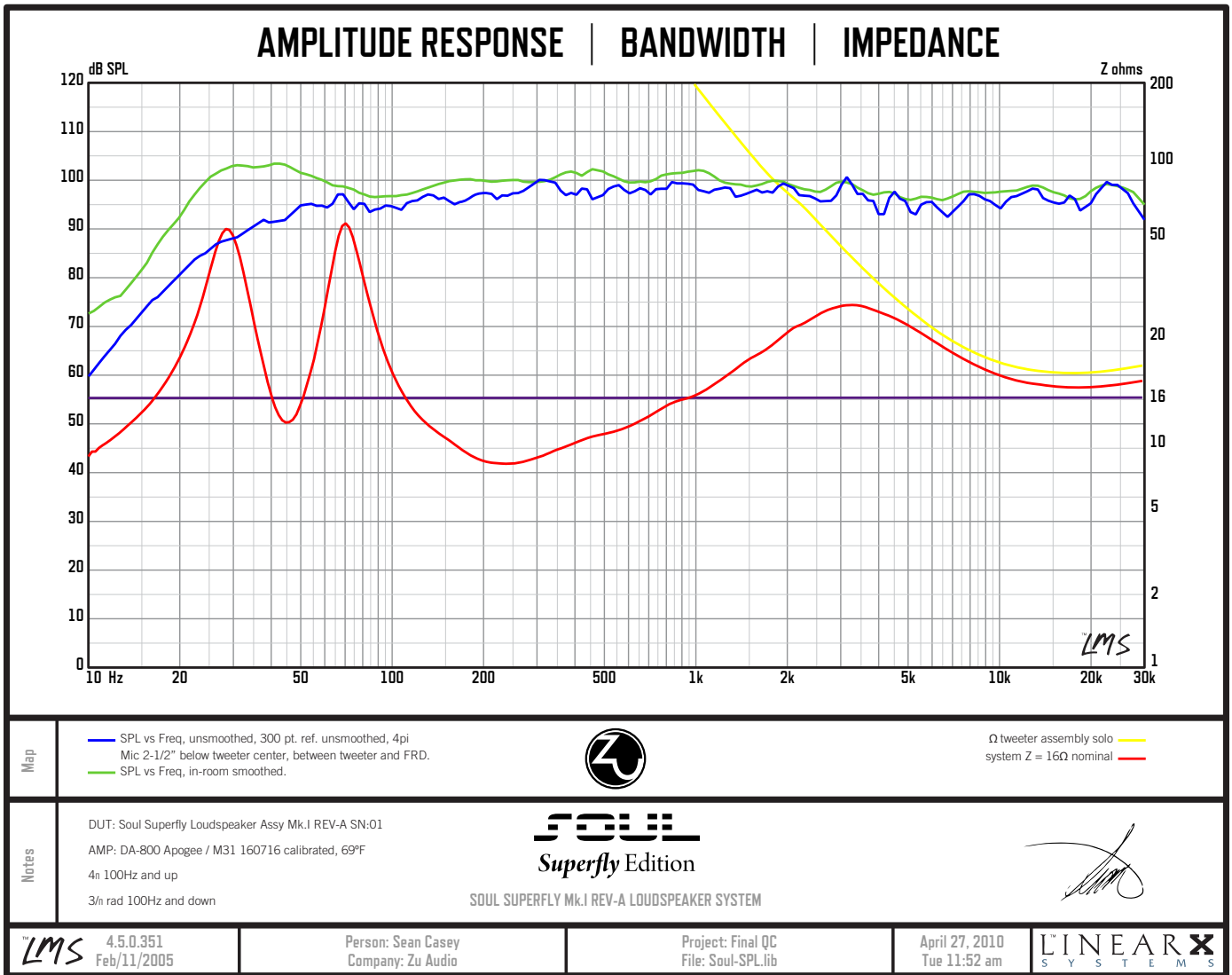
ZU AUDIO SOUL SUPERFLY Mk.I [REV-A] LOUDSPEAKER SYSTEM SPECIFICATIONS + INFORMATION

Description	High-efficiency, high-output, floor standing loudspeaker. Soul Superfly features our full-range high-output Zu260FRD/G4/HO driver, Zu-Griewe driver/box/room acoustic loading technology, no crossover or filters on full-range driver, complimented by a phenolic-composite dome, time-aligned machined from 6061 billet tweeter.
Architecture	2° obelisk but with flat top
Production	May 2010—
Dimensions H x W x D	38" [96.5cm] tall, 12-9/64" [30.8cm] square base, 9-31/64" [24.1cm] square top
Footprint	12-9/64" square [30.8cm square]
Weight	53 pounds [24kg]
Packaged	FlexPak foam encapsulated 44 x 17 x 17" [112 x 43 x 43cm] 60 pounds [27kg]
Bandwidth	30—25kHz
Efficiency	101dB SPL @ 1W, 1m
Impedance	16Ω, nominal full bandwidth (see impedance graph for complete detail)
Acoustic Center	30" [76cm] with 2° rising splay
Horizontal Listening Window	45°
Vertical Listening Window	45°
Recommend Listening Distance	3 feet [1m] or more
Accepted Connectors	via standard Cardas Panted Binding Posts: 1/4" spade [6.3mm], oversized 5/16" [8mm] spade, bare wire
Internal Cabling	ZuEventB3-SouLS1-A
Power Recommendations	2—8 watt (average room, moderate volume) 8—24 watt (large room, loud listening) 24 watt + (large room, concert levels) 300 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	1x Zu APT-L2 tweeter assembly with stainless screen // bandwidth: 12k—25kHz
High-Pass Filter Detail	1st order besel @ 18kHz (12kHz acoustical) Mundorf Silver/Oil 1uF + Mills 10Ω 12.5W R, silver/copper/Teflon leadouts
Full-range Driver Detail	1x Zu260FRD/G4HO, 10-1/3" full-range driver // bandwidth: 30—12kHz (direct and unfiltered)
Cabinet	MDF + V81-V1 binder + polyester + QuietCoat + Alexit finish or real wood veneer
Spike / Feet Insert Thread	3/8—16 TPI, 9/16" hex nut, 14mm wrench can be used
Included With Loudspeaker	4x hard press-on full-range driver covers, installed 8x hard surface stainless ball-end feet / 8x stainless 9/16" [14mm] jam nuts, installed 8x long carpet spikes, 1x connector cleaning kit, 1x finish cleaning cloth, 1x instruction booklet
Life Expectancy	100 years; cabinet, and drivers, including the Zu 10" drivers; even in direct sunlight
Manufacturers Country Of Origin	U.S.A. all parts and labor excluding just a few small parts
Compliances	RoHS CE 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.



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Soul Superfly is our single-minded response to the needs of single-ended triode (SET) tube amps. Our design target from the outset was focused on extracting every last bit of the mid-range tone of SETs without losing power and definition at the frequency extremes.

So, welcome to our 4th generation, 16 ohm, high-output 10" paper coned full-range driver. We've used this driver, coupled with the same tweeter as used in Definition Mk.II/III, mounted in a tapered cabinet, with Zu silver alloy B3 cabling, Mundorf Silver/Oil capacitors, Cardas pure copper binding post, and the Zu Superfly post lay-up cabinet adhesive infusion process. The end result is a modestly-sized loudspeaker that'll give any SET amp the dynamics of a Fender stack. The bottom line: Soul Superfly is a true, state-of-the-art, high-end, high resolution speaker that'll work in any room and is small enough to disappear amongst the furnishings of anyone bigger than a Hobbit.

Soul Superfly, like all Zu products, is built around the critical human voice (A1, 55Hz, through A6 and all the possible harmonics, to approximately 12kHz). Serving this critical region of tone is Zu's 4th generation high-output 10" paper coned full-range driver. And despite what many audiophiles might think about this loudspeaker based on price, Soul Superfly is a true, state-of-the-art high-end high resolution speaker that works in any room.

THIRD GENERATION ZU-GRIEWE ELECTROACOUSTICS LOADING

Zu-Griewe driver / cabinet / room loading technology allows this high-efficiency platform to deliver a truly articulate and deep bass performance—an attribute rarely achieved in a passive, high efficiency loudspeaker system of this size, and never before at this price level.

Zu-Griewe technology was developed by Ron Griewe and Sean Casey, with its beginnings in competition two and four-cycle motorcycle engine exhaust systems for improving power output, with increased bandwidth, while reducing noise and sound pressure levels over convention. More on the Zu-Griewe tech can be found in the FAQ section.

NEW ZU260FRD/G4 HO FULL-RANGE 10" DRIVER

This new, specific to the Soul Superfly, driver has a lighter cone, bigger and stronger magnet (60 ounce) [1700g], improved flux density in and around the gap, and better finish. The center "phase" plug is a carry-over from the research and testing we did with Essence, and gives Soul Superfly a more linear management of high frequencies and broader dispersion from the directly-coupled-to-voicecoil inner cone. And as dynamic contrast—to-the-max shove and pop—are of primary importance with Soul Superfly, we mated the new HO driver with the same super tweeter assembly used in Definition Mk.II/III, reworking the high-pass filter a bit to blend super smoothly with the new 10" driver and cabinet.



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FOR MUSIC LOVERS OF EVERY ERA—TECHNO '70S SOUL, YOU CHOOSE...

Soul Superfly is complete in form and quality of sound. Order your pair today, with full no-questions-asked 60 day return privileges. Pull the stuff you really listen to from the depths of your CD, LP and digital music collection, including Sly & The Family Stone / There's A Riot Goin' On, and let the Soul Superfly work its magic. Matched well with a suitable amp' the right amp, this speaker will amaze, delight and always leave you satisfied. If you want your music alive with all the passion the artist and engineers put into it, a pair of Soul Superfly is the only way to go.

AMPS, ENGINEERING AND DESIGN

We love tech' and engineering, and we love music and sound and sensation. Soul Superfly, like all Zu speakers, is designed by ear first and foremost, using engineering and measures to help isolate and realize solutions for audible improvements. Once we get any loudspeaker sounding sweet we standardize it, including the test and measures procedures and systems used to ensure the highest possible matching and quality. Zu does not engineer around someone else's ideals, implementation of models or engineering conventions.

So what amps did we use in the development of Soul? Here's a short list of amps we think are a good to great match-up:

Allnic A-6000*
Allnic T-1500
Art Audio PX-25*
Audion Black Night 845
Audion 300B 25th Anniversary
Audion Golden Dream
Bryston LP2
Denon PMA2000R Mk4
Dynaco ST-70*
Leben CS-300
Leben CS-600*
McIntoch MA6600
Melody I-2A3
Melody M-300B
Panasonic XR-25
Peachtree Nova
Classic Quad
Yamamoto A-08S*

*Best on 16 ohm tap, or special order with 16 ohm output transformer.

Best Value: Dynaco Stereo 70, no mods, with original Mullard tubes. Yeah, it's awesome, use the 16 Ohm tap and get ready to rock!



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TIPS ON GETTING GREAT SOUND FROM SOUL SUPERFLY

Take the time to read the Soul Superfly Guidebook, there's a lot of good stuff in it to help you realize a fantastic sounding space. Guidebook is included with each pair of Superfly. It's also available for download.

Soul Superfly loudspeakers now get a 400 hours of factory burn-in, they will sound good right out of the box but will not give you their best for several weeks, depending on how much play they get and what kind of music they see. If at first you find them restrained and a bit conservative, relax, they will come around.

Soul Superfly loudspeakers are very amp sensitive and revealing of upstream gear. They are also very sensitive to the cold. If you have received, moved or stored Soul Superfly in cold temperatures they will take a week or so to again sound their best.

Make sure you have 1/4" [6mm] or greater gap between the bottom of the loudspeakers and the floor. The finger ports are part of the Zu-Griewe box loading technology. They are not ports as used in a bass-reflex design (Helmholtz resonators in all their forms) but the finger ports do need to see the acoustic space of the room. Blocking them turns the Soul Superfly into an interesting but "sealed" design.

In addition the installed ball end footers (for use with hard surface flooring) Soul Superfly also ship with spikes to be used to punch through and anchor the speaker through carpets and rugs...



SOUL SUPERFLY Mk.I ISOMETRIC

ZU AUDIO SOUL SUPERFLY Mk.I [REV-A] LOUDSPEAKER SYSTEM SPECIFICATIONS + INFORMATION

SOUL

Superfly Edition

Simple Isometric Wireframe

Drivers and cabinet
detail only.



RoHS



CE

