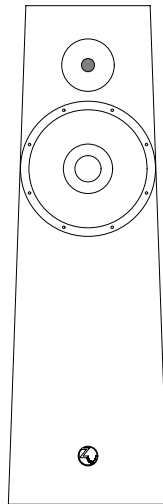


# SOUL SUPERFLY

## Mk.I

[Rev-A]



Specific to the first Soul (Mk.I) and Soul Superfly (Mk.I) they were built on the same cabinet platform and look the same. Both feature all the machined aluminum bits on the drivers, trim rings and binding post plates, the only difference cosmetically is the Superfly engraving on the machined aluminum binding post plate on the back.

2010

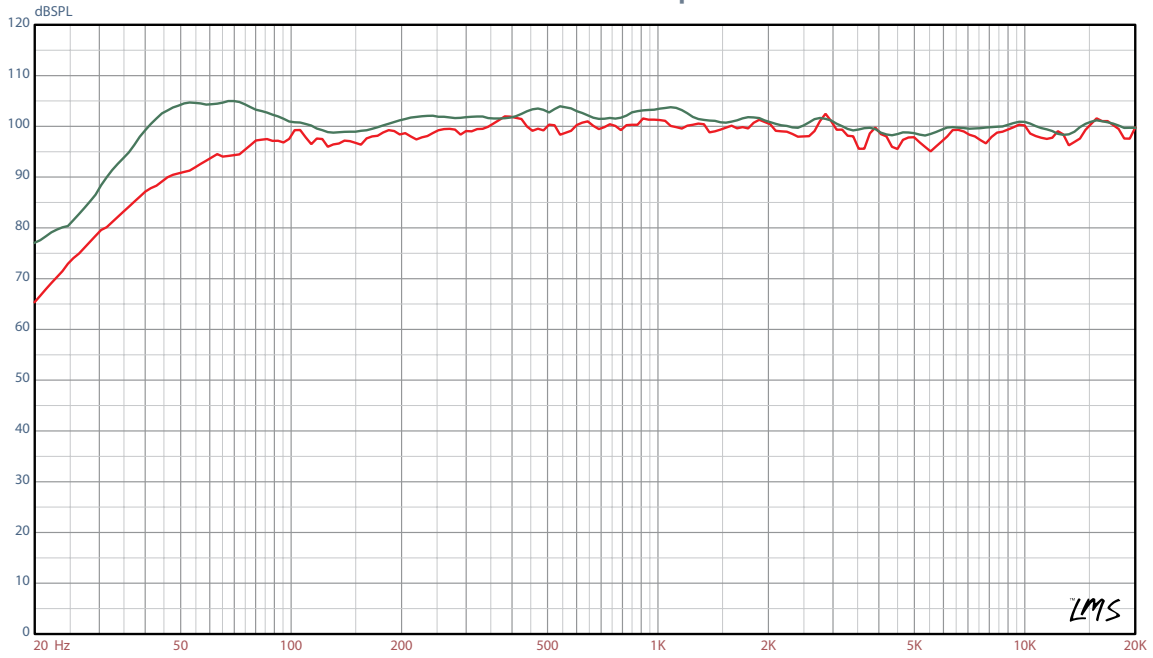


# SOUL & SOUL SUPERFLY Mk.I SPECIFICATIONS

NOVEMBER 2010

<b>Description</b>	High efficiency, high output, floor standing loudspeaker. Soul Mk.I and Soul Superfly features our full-range high output Zu10HO-16 driver, ZuRG 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 lensed tweeter.
<b>Version</b>	Mark-1
<b>Production</b>	May 2010 –
<b>Dimensions H x W x D</b>	38" tall, 12-9/64"square base, 9-31/64" square top [96.5 x 30.83 x 24.09cm]
<b>Footprint</b>	12-9/64"square [30.83 cm <sup>2</sup> ]
<b>Weight</b>	53 pounds (24 kg)
<b>Packaged</b>	one per shipping box, 60 pounds [27 kg]
<b>Driver Complement</b>	Zu10HO-16, 10-1/3" high-output full-range driver covering 30 – 12,000+ Hz ZuAPT-L2 tweeter assembly
<b>Component Tolerance</b>	driver >1% pair matching, 0.1% on all other electrical components
<b>Recommended Connector</b>	1/4" fork spade [6.3 mm]
<b>Accepted Connectors</b>	also accepts oversized forked spades, 1/4" and oversized 5/16" (8 mm) ring lugs, bare wire, pins, & banana plugs in a pinch. Banana plugs are clamped between block and lugs and are not socketed
<b>Efficiency</b>	101 dB-SPL @ 1 watt, 1 meter
<b>Impedance</b>	16 ohm, nominal full bandwidth
<b>Average Room / Moderate Volume</b>	2 – 4 watt
<b>Large Room / Loud</b>	8 – 20 watt
<b>Large Room / Concert Level</b>	20 – 80 watt
<b>Max Music Input Power</b>	300 watt
<b>Bandwidth</b>	35 – 20,000+
<b>Group Delay</b>	< 5 ms
<b>Dynamic Range</b>	120 dB
<b>Horizontal Acoustic Center</b>	30" [76 cm] with 2° rising splay
<b>Horizontal Listening Window</b>	45°
<b>Vertical Listening Window</b>	45°
<b>Full-range Driver Network</b>	none
<b>Tweeter Network</b>	high-pass first order Bessel based @ 18 k mathematical and 20 kHz electrical
<b>Internal Cabling</b>	Zu B3 Ibis half mass silver alloy
<b>Cabinet</b>	Comp-60 + V81 V1 binder + polyester + QuietCoat + Alexit finish or real wood veneer
<b>Spike / Feet Insert Thread</b>	3/8-16 TPI (9/16" hex nut, 14 mm wrench can be used but is tight)
<b>Included With Loudspeaker</b>	hard surface stainless ball end footers installed with stainless 9/16" jam nuts also included are carpet spikes and owners manual
<b>Manufacturers Country Of Origin</b>	U.S.A. all parts and labor excluding a few sub assemblies or fasteners
<b>Life Expectancy</b>	100 years; cabinet, and drivers, including the Zu10HO-16; even in direct sunlight
<b>Warranty &amp; Service</b>	5 years limited, does not cover misuse or abuse. Soul is designed to be field serviceable

# SPL vs Freq



Map

- 21: Soul SuperFly SN: 01 loudspeaker system UNSMOOTHED 4pi
- 22: Soul SuperFly SN: 01 loudspeaker system in-room



Notes

DUT: Soul Superfly Loudspeaker Assembly  
 4 Volt @ VC / 68 F  
 Test & Measures: SMC  
 Location: Ogden, Utah USA

curve 21 is unsmoothed and free field. Mic is 2-1/2" below tweeter center, between tweeter and FRD.  
 curve 22 is actual in-room measure + 1st order smoothing. Mic is 2-1/2" below tweeter center.



4.5.0.351  
Feb/11/2005

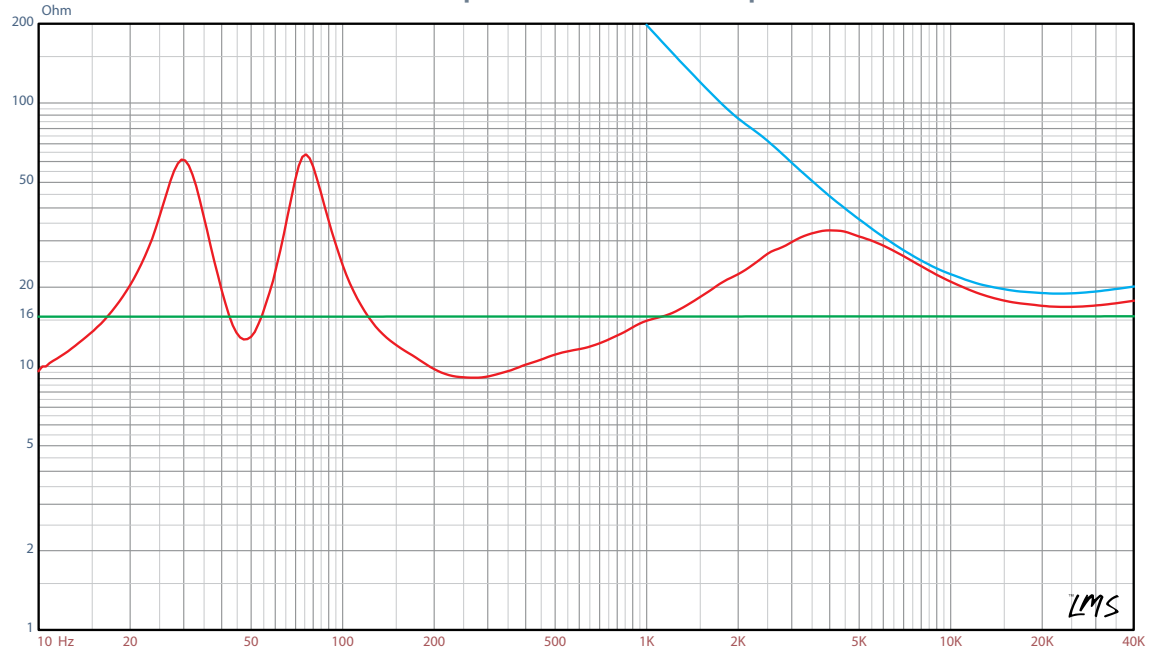
Person: Sean Casey  
Company: Zu Audio

Project: Soul Superfly  
File: Soul-SPL.lib

Apr 27, 2010  
Tue 11:52 am



# Impedance vs Freq



Map

- 1: Soul SuperFly SN: 01 loudspeaker system impedance
- 6: Soul SuperFly tweeter + network
- 8: 16Ω resistive reference load



Notes

DUT: Soul Superfly Loudspeaker Assembly SN: 01  
 (Dual and compare with Apogee/Zu DA live test)

Test & Measures: SMC  
 Location: Ogden, Utah USA



4.5.0.351  
Feb/11/2005

Person: Sean Casey  
Company: Zu Audio

Project: Soul SuperFly  
File: Soul-Z.lib

Apr 27, 2010  
Tue 10:06 am





**ZU AUDIO**

Ogden Commercial Industrial Park  
3350 S. 1500 W.  
OGDEN, UTAH — U.S.A.

[DESIGNED AND MADE BY US]