



**ULTIMATE  
SERIES**

**DLS Svenska AB - Sweden**

## **DLS Iridium10i**

### **PRODUCT SPECIFICATIONS**

**10" CAR SUBWOOFER  
FERRITE MAGNET SYSTEM  
PAPER CONE,  
RUBBER SURROUND**



Dimensions:		Magnet system	Double ferrite
Diameter	266 mm / 10,47"	Magnet weight	180 oz / 2,8 kg
Mounting depth	150 mm / 5,91"	Magnet diameter	180 mm / 8,7"
Mounting hole diameter	236 mm / 9,29"	BL product	14,6
Nominal power handling	500 W	Max. linear excursion, X max	+ - 14 mm / 0,55"
Maximum power	800 W	Suspension compliance, CMS	58,6
Nominal impedance, Z	2 x 4 ohms	Mechanical Q factor, QMS	3,44
Sensitivity, 1 W / 1 m	84 dB	Electrical Q factor, QES	0,54
Frequency response	25-2000 Hz	Total Q factor, QTS	0,47
Fs, resonant frequency	42,3 Hz	Moving mass, MMS	240 gr
Voice coil diameter	75 mm / 3"	Equivalent Cas Air load, VAS	12 lit. / 0,42 ft <sup>3</sup>
Voice coil height	40 mm / 1,57"	Cone / Dome material	Pressed paper
Voice coil wire	Copper	SD - Effective piston area	380 cm <sup>2</sup>
Number of layers	4	Net weight	9,8 kg / 21,68 lb
DC resistance	1,8 ohm	Basket	Die-cast aluminium alloy
		Data measured voice coils connected in parallel	

## **DLS Iridium12i**

### **PRODUCT SPECIFICATIONS**

**12" CAR SUBWOOFER  
FERRITE MAGNET SYSTEM  
PAPER CONE  
RUBBER SURROUND**



Dimensions:		Magnet system	Double ferrite
Diameter	313 mm / 12,32"	Magnet weight	180 oz / 2,8 kg
Mounting depth	153 mm / 6"	Magnet diameter	220 mm / 8,7"
Mounting hole diameter	282 mm / 11,1"	BL product	11,85
Nominal power handling	600 W	Max. linear excursion, X max	+ - 14 mm / 0,55"
Maximum power	1000 W	Suspension compliance, CMS	147
Nominal impedance, Z	2 x 4 ohms	Mechanical Q factor, QMS	4,17
Sensitivity, 1 W / 1 m	87,3 dB	Electrical Q factor, QES	0,46
Frequency response	20-2000 Hz	Total Q factor, QTS	0,41
Fs, resonant frequency	30,2 Hz	Moving mass, MMS	188,5 gr
Voice coil diameter	75 mm / 3"	Equivalent Cas Air load, VAS	58,8 liters / 2,08 ft <sup>3</sup>
Voice coil height	40 mm / 1,57"	Cone / Dome material	Pressed paper
Voice coil wire	Copper	SD - Effective piston area	531 cm <sup>2</sup>
Number of layers	4	Net weight	12,7 kg / 28 lbs
DC resistance	1,8 ohm	Basket	Die-cast aluminium alloy
Voice coil inductance, 1 kHz	0,95 mH		
		Data measured voice coils connected in parallel	