



# Model:RS-RX12ULTRA

30 CM SUBWOOFER SPEAKER

140.9 OZ Ferrite Magnet Structure/ 3" Voice Coil

## SPECIFICATIONS

General Data		Unit	FEATURES
Overall Dimensions	Ø320 x 195	mm	Stamp Steel Basket
Nominal Power Handling	1200	W	Non-Pressed Paper Cone, High Density Foam Surround
Maximum Power	2400	W	Polypropylene Dustcap
Sensitivity	83	dB	High Temperature 3" Voice Coil
Frequency Response	40~500	Hz	Ferrite Magnet Structure
Cone Material	Paper		<b>Dimensions</b>
Basket	Steel		
Net Weight	11.3	kg	
<b>Electrical Data</b>			
Nominal Impedance	2x2 / 2x4	Ohm	
DC Resistance	2x1.6 / 2x3.2	Ohm	
<b>Voice Coil and Magnet Parameters</b>			
Voice Coil Diameter	76.8	mm	
Voice Coil Height	45	mm	
HE magnetic Gap Height	15	mm	
Voice Coil Robbin	Black Aluminium		
Number of Layers	4L		
<b>T-S Parameters</b>			
Suspension Compliance	40.5/42.947 µM/N	Cms	
Mechanical Q Factor	5.485/6.221	Qms	
Electrical Q Factor	0.757/0.909	Qes	
Total Q Factor	0.666/0.793	Qts	
Moving Mass	342.22/293.517 g	Mms	
Eq. Cas AIR Loaded	11.562/12.261 L	Vas	
Resonant Frequency	42.751/44.827 Hz	Fs	
Effective Piston Area	448.39cm <sup>2</sup>	SD	

