

R-SERIES

R12/64W (MID& BASS TRANSDUCER)

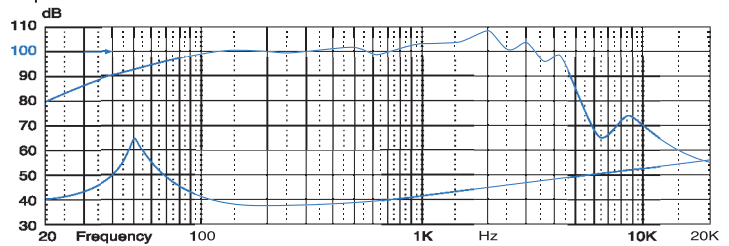
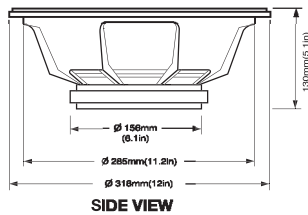
GENERAL SPECIFICATIONS

Nominal Diameter	437	mm	17.2	Inch
Power Rating			: 200 ~ 400	Watts
Nominal Chassis Diameter			: 305	mm (12 in)
Nominal Impedance			: 4~8	ohm
Sensitivity (1w/1m)			: 99	dB
Magnet Weight			: 1.41	Kg (49.68 oz)
Resonant Frequency	Fs		: 53	Hz
Impedance	Re		: 6.2	ohm
Electromagnetic Q	Qes		: 0.3	
Mechanical Q	Qms		: 7.44	
Total Q	Qts		: 0.29	
Compliance Equivalent Volume	VAS		: 80.53	Liters
Surface Area of Cone	Sd		: 530	cm ²
Reference Efficiency	η_0		: 3.8	%
Voice Coil Overhang	Xmax		: 2.5	mm
Diaphragm Mass inc Airload	Mms		: 44.65	Gram
Bl Product	BL		: 17.39	TM
Coil Inductance	Le		: 0.99	mH
Gross Weight			: 6.2	Kg (13.64Lb)
Dimension(H x W x D)			: 340mm X 340mm X 190mm	
			: 13.3in X 13.3in X 7.4in	
			: 0.77 Cu.Ft.	



MATERIALS OF CONSTRUCTION

APS ferrite magnet. Cast aluminium chassis. Paper cone. Plasticised cloth (linen) cone edge. Solid composition paper dust cap. 2.5" round copper wire voice coil. Kapton former.



R10/64W (MID& BASS TRANSDUCER)

GENERAL SPECIFICATIONS

Power Rating			: 200 ~ 400	Watts
Nominal Chassis Diameter			: 254	mm (10 in)
Nominal Impedance			: 4~8	ohm
Sensitivity (1w/1m)			: 98	dB
Magnet Weight			: 1.41	Kg (49.68 oz)
Resonant Frequency	Fs		: 55	Hz
Impedance	Re		: 6.2	ohm
Electromagnetic Q	Qes		: 0.21	
Mechanical Q	Qms		: 5.37	
Total Q	Qts		: 0.2	
Compliance Equivalent Volume	VAS		: 45.33	Liters
Surface Area of Cone	Sd		: 340	cm ²
Reference Efficiency	η_0		: 2.61	%
Voice Coil Overhang	Xmax		: 2.5	mm
Diaphragm Mass inc Airload	Mms		: 35.72	Gram
Bl Product	BL		: 17.98	TM
Coil Inductance	Le		: 0.84	mH
Gross Weight			: 5.4	Kg (11.88Lb)
Dimension(H x W x D)			: 290mm X 290mm X 165mm	
			: 11.4in X 11.4in X 6.4in	
			: 0.49 Cu.Ft.	



MATERIALS OF CONSTRUCTION

APS ferrite magnet. Cast aluminium chassis. Paper cone. Plasticised cloth (linen) cone edge. Solid composition paper dust cap. 2.5 round copper wire voice coil. Kapton former.

