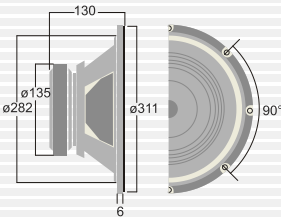


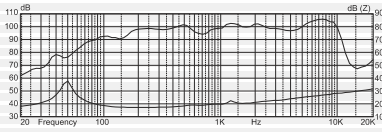
High Efficiency 12" Dual Cone Full Range Speaker



Dimensions



Frequency Response Curve



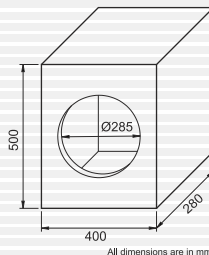
100
Watts
RMS

Features

- 12" dual cone full range PA speakers with a very wide frequency range 55-16,000Hz.
- Impedance of SK-12FR®X is 8Ω and SK-12FR®Z is 16Ω.
- High quality specially designed imported parts for low distortion and a clean transparent sound.
- Efficient design for a high SPL over the entire effective frequency band.
- Special corrugated cloth edge cone for long term durability. Sturdy pressed metal frame and robust construction.
- Designed specially for use in compact sealed enclosures either as a stand-alone speaker system or in combination with a tweeter.
- Ideal for musical, keyboard and PA applications.

Recommended Enclosure

AHUJA recommends an acoustically suspended (sealed) enclosure of particle board or plywood of 18mm thickness. All corners and joints should be perfectly glued, screwed and sealed to avoid cabinet resonances and air leaks. A 25mm thick fibre or glass / mineral wool should be lined on the inner walls of the enclosure.



All dimensions are in mm.

Specifications

POWER RATING	100W RMS
	150W Max.
NOMINAL DIAMETER	300 mm (12")
NOMINAL IMPEDANCE	8Ω / 16Ω
SENSITIVITY (1W/1m)	97dB
MAGNET WEIGHT	1.1kg
RESONANT FREQUENCY (Fs)	50Hz
DC RESISTANCE (Re)	6.4Ω / 13.0Ω
ELECTROMAGNETIC Q (Qes)	0.758
MECHANICAL Q (Qms)	9.36
TOTAL Q (Qts)	0.7
COMPLIANCE EQUIVALENT VOLUME (VAS)	104.6Litr
SURFACE AREA OF CONE (Sd)	510cm ²
REFERENCE EFFICIENCY (ηo)	1.7%
VOICE COIL DIAMETER	1.5"
OVERHANG (Xmax)	1.5 mm
MOVING MASS (Mms)	35.23gm
BL PRODUCT (BL)	9.7TM
COIL INDUCTANCE (Le)	0.79mH
OVERALL DIAMETER	311 mm
DEPTH	130 mm
BAFFLE HOLE DIAMETER	285 mm
BOLT MOUNT DIAMETER (PCD)	292 mm (8 Bolts)
WEIGHT	3.20kg approx.

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