

LF12G301

WOOFER

DESCRIPTION

High power 12" woofer.
Very good power handling, excellent and very low distortion. Copper voice coil construction, suspensions and cone materials designed to survive at 450Watt RMS power.



FEATURES

- 3-inch, fiberglass inside/outside copper voice coil
- 900W continuous program power handling
- 97 dB Sensitivity
- 40 Hz - 2 kHz Frequency range
- M-roll surround and exponential cone geometry

TECHNICAL SPECIFICATIONS

General specifications

Nominal Diameter:	12 inch / 305 mm
Rated Impedance:	8 ohm
Program Power (watt):	900 W
Power handling capacity:	450 W
Sensitivity:	97 dB
Frequency range:	40 - 2000 Hz
Effective piston diameter:	260 mm / 10.24 inch
Max. Excursion Before Damage:	36 mm / 1.42 inch
Minimum Impedance (ohm):	7 ohm
Voice Coil Diameter:	3.0 inch / 76 mm
Voice Coil Material:	Copper
Voice Coil Winding Material:	19 mm / 0.75 inch
Number of layers:	2
Kind of layers:	inside/outside
Top Plate Thickness:	10 mm / 0.39 inch
Cone Design:	Curved
Surround Material:	Polycotton
Surround Design:	M-roll
Magnets:	Ceramic
Spider:	Single

Thiele - small parameters

Resonance frequency (Fs):	43 Hz
DC resistance (Re) (ohm):	5.80 ohm
Mechanical factor:	4.60 Qms
Electrical factor:	0.23 Qes
Total factor:	0.22 Qts
Bl factor (Bl) (T x m):	19.00 T x m
Effective moving mass (Mms):	56 gr
Equivalent Cas air loaded (Vas):	97 liters
Effettive piston area (Sd):	56.00 m2
Max. linear excursion (Xmax):	7 mm
Voice coil inductance @ 1kHz (Le1k):	1.20 mH
Half-space efficiency (Eff):	3.23%

Mounting informations

Overall diameter:	320 mm / 12.6 inches
Bolt circle diameter:	293-304 mm / 11.54-11.97 inch
Bolt hole diameter:	7 mm / 0.28 inch
Front mount baffle cut-out:	282 mm / 11.1 inch
Rear mount baffle cut-out:	284 mm / 11.18 inch
Volume occupied by the driver:	2.6 liters / 0.1 ft3

Standard compliance

CE marking:	Yes
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Size	Height:	140 mm / 5.51 inches
	Diameter:	320 mm / 12.6 inches
	Weight:	7 kg / 15.43 lbs

Shipping informations	Package Height:	210 mm / 8.27 inches
	Package Width:	360 mm / 14.17 inches
	Package Depth:	360 mm / 14.17 inches
	Package Weight:	8.05 kg / 17.75 lbs

PART NUMBER

- **11100016**

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8ohm



