



LF15G401

WOOOFER



Description The LF15g401 is a 15-inch woofer with linear frequency response characteristics and very high power handling.
The LF15G401 uses a fibre loaded cone assembly along with a high excursion triple roll, constant geometry surround. This combination provides remarkable strength and a peak to peak maximum excursion of 52mm.

- Features**
- › 4-inch, fiberglass inside/outside copper voice coil
 - › 1600W continuous program power handling
 - › 97 dB Sensitivity
 - › 30 Hz – 1.5 kHz Frequency range
 - › Dual spider design with silicon based dampening control
 - › Triple-roll surround and corrugated straight cone geometry

Part Number 11100014 LF15G401 8ohm



LF15G401

WOOOFER

TECHNICAL SPECIFICATIONS

General specifications

Nominal Diameter	15 inch / 381 mm
Rated Impedance	8 ohm
Program Power (watt)	1600 W
Power handling capacity	800 W
Sensitivity	97.0 dB
Frequency range	35 - 1500 Hz
Effective piston diameter	340 mm / 13.39 inch
Max. Excursion Before Damage	52 mm / 2.05 inch
Minimum Impedance (ohm)	6.1 ohm
Voice Coil Diameter	4.0 inch / 102 mm
Voice Coil Winding Material	Copper
Voice Coil Length	23 mm / 0.91 inch
Number of layers	2
Kind of layers	inside/outside
Top Plate Thickness	12 mm / 0.47 inch
Cone Design	Straight
Surround Material	Polycotton
Surround Design	Triple roll
Magnets	Ceramic
Spider	Dual with silicon based damping control

Thiele - small parameters

Resonance frequency (Fs)	36 Hz
DC resistance (Re) (ohm)	4.80 ohm
Mechanical factor	6.20 Qms
Electrical factor	0.27 Qes
Total factor	0.26 Qts
Bl factor (Bl) (T x m)	24.60 T x m
Effective moving mass (Mms)	150.0 g
Equivalent Cas air loaded (Vas)	150.0 liters
Effective piston area (Sd)	0.090 m ²
Max. linear excursion (Xmax)	9 mm
Voice coil inductance @ 1kHz (Le1k)	1.80 mH
Half-space efficiency (Eff)	2.50%

Mounting information

Overall diameter	393 mm / 15.47 inches
Bolt circle diameter	371-376 mm / 14.61-14.8 inch
Bolt hole diameter	7 mm / 0.28 inch
Front mount baffle cut-out	352 mm / 13.86 inch
Rear mount baffle cut-out	360 mm / 14.17 inch
Volume occupied by the driver	4.3 liters / 0.17 ft ³

Standard compliance

Safety agency	CE compliant
---------------	--------------



LF15G401

WOOOFER

Size / Weight	Height	154 mm / 6.06 inches
	Diameter	393 mm / 15.47 inches
	Weight	13 kg / 28.66 lbs



LF15G401

WOOOOFER

Line Art 2D

