

# LF Loudspeakers

## **TF0510**

5-inch pressed steel chassis, ferrite magnet mid/bass driver







#### **General Specifications**

Nominal Diameter 127mm / 5in
Power Rating 30W
Continuous power rating 60W
EIA power rating 50W
Rated impedance 8&ohm

Sensitivity 91dB

Frequency range 130-8000Hz Chassis type Pressed steel

Magnet type Ferrite

Magnet weight 0.37kg / 13oz
Voice coil diameter 25mm / 1in
Voice coil material Round copper
Former material Polyimide

Cone material Kevlar loaded paper

Surround material Cloth-sealed
Suspension Single
Gap height (Hg) 5mm / 0.2in
VC winding height (Hvc) 7.3mm / 0.29in

#### **Mounting Information**

Overall diameter 136x151mm / 5.35x5.9

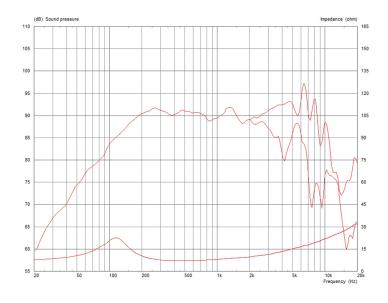
4in

Overall depth 68mm / 2.7in
Cut-out diameter 117mm / 4.61in
Mounting hole dimensions 4.5mm / 0.18in

Number of mounting holes

Mounting hole PCD 140mm / 5.51in Unit weight 1.0kg / 2.2lb

#### Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off

axis

**Power rating:** Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.

**Continuous power rating:** Defined as 3dB greater than the AES rating.

**Sensitivity:** Measured on axis at 1W, 1m in 2? anechoic environment.

**Parameters:** Measured after unit subjected to pre-conditioning signal.

**Xmax:** 0.5\*(Hvc-Hg) + 0.25\*Hg

#### **Parameters**

Sd	78.54cm2 / 12.17in <sup>2</sup>
Fs	128.10Hz
Mms	7.02g / 0.25oz
Qms	2.376
Qes	0.768
Qts	0.580
Re	6.32Ω
Vas	7.38I / 0.26ft <sup>3</sup>
Bi	6.82Tm
Cms	0.22mm/N
Rms	2.38kg/s
Le (at 1kHz)	0.33mH
Xmax	2.4mm / 0.09in

### **Packed Dimensions & Weight**

Single pack size W x D x H 170mm x 180mm x 70mm

/ 6.7in x 7.1in x 2

.8in

Single pack weight 1.5kg / 3.3lb

Multi pack qty 12

Multi pack size W x D x H 320mm x 550mm x 190m

m / 12.6in x 21.7in

x 7.5in

Multi pack weight 15kg / 33lb

