LF Loudspeakers

TRUVOX 0820

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

- Lightest weight in product class
- Excellent drop-in replacement/upgrade model for 8in mid/bass applications
- FEA optimised magnet assembly
- Triple roll surround
- Robust pressed steel chassis with front and rear mounting gaskets

500W
Continuous power rating

96dB
Sensitivity

2in
Copper voice coil



General Specifications

Nominal Diameter	200mm / 8in
Power Rating	250W
Continuous power rating	500W
Rated impedance	8 ohm
Sensitivity	96dB
Frequency range	70-6000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Voice coil diameter	50mm / 2in
Voice coil material	Copper
Former material	Polyimide
Cone material	Cellulose
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	14mm / 0.55in

Parameters

Sd	226.98cm^2 / 35.18in^2
Fs	74.1Hz
Mms	19.49
Qms	6.304
Qes	0.417
Qts	0.390
Re	6.06 ohm
Vas	17.25l / 0.61ft^3
Bl	11.51Tm
Cms	0.24mm/N
Rms	1.50kg/s
Le (at 1kHz)	0.543mH
Xmax	5mm / 0.2in

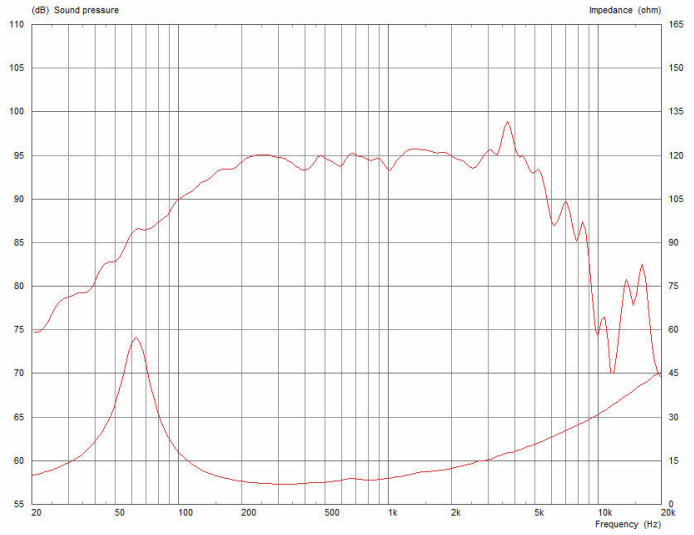
Mounting Information

Overall diameter	208.5mm / 8.21in
Overall depth	94mm / 3.7in
Cut-out diameter	184mm / 7.24in
Mounting hole dimensions	5.5x9.4mm / 0.22x0.37in
Number of mounting holes	8
Mounting hole PCD	193-201mm / 7.6-7.9in
Unit weight	3kg / 6.6lb

Packed Dimensions & Weight

Single pack size W x D x H	235 x 235 x 130mm / 9.3 x 9.3 x 5.1in
Single pack weight	3.5kg / 7.7lb

Frequency Response and Impedance Curves



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

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