LF Loudspeakers

CF1025BMB

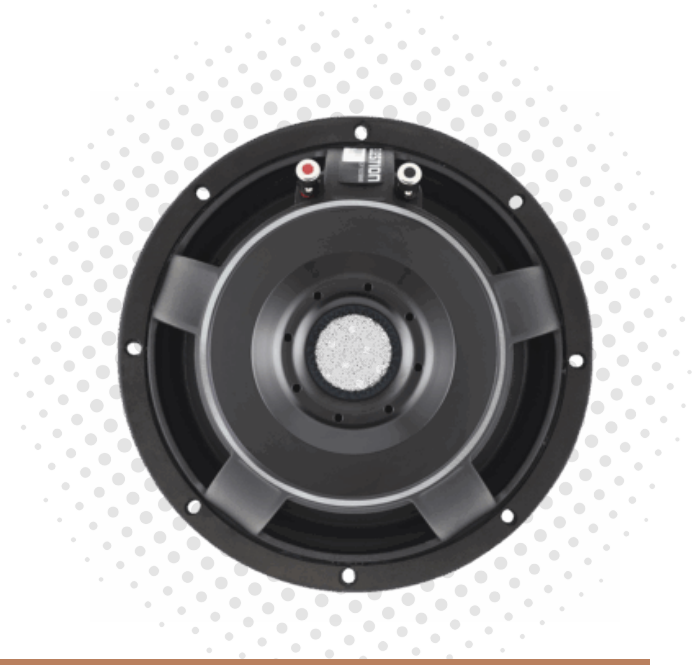
10-inch, cast aluminium chassis, ferrite magnet mid/bass driver

- Optimised for bass and mid/bass applications
- Half-roll Elastomer surround enables greater Xmax and Xmech
- Modified T-pole profile ensures improved Bl symmetry, for lower distortion performance
- Glass-loaded paper cone with weather-resistant coating
- Airflow vented magnet assembly for dynamic heat dispersion

600W
Continuous power rating

92.5dB
Sensitivity

2.5in
Round copper voice coil



General Specifications

Nominal Diameter	254mm / 10in
Power Rating	300W
Continuous power rating	600W
Rated impedance	8 ohm
Sensitivity	92.5dB
Frequency range	45-5000Hz
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	1.42kg / 50oz
Voice coil diameter	64mm / 2.5in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Glass loaded paper (weather-resistant)
Surround material	Elastomer
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	17.3mm / 0.68in

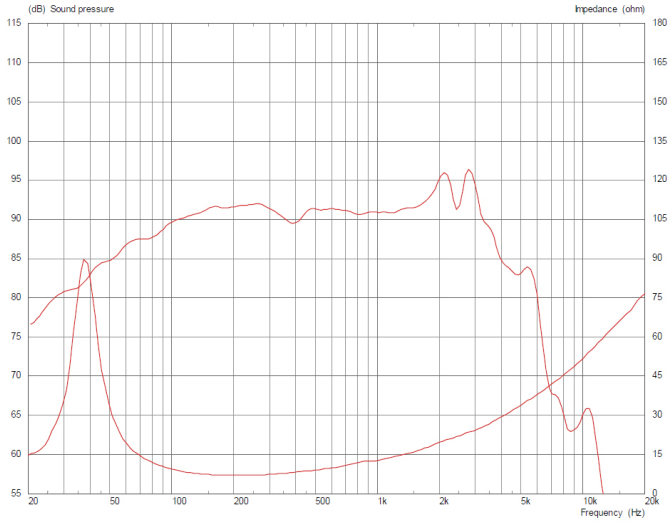
Mounting Information

Overall diameter	265mm / 10.43in
Overall depth	124.5mm / 4.9in
Cut-out diameter	233.8mm / 9.2in
Mounting hole dimensions	8x6.5mm / 0.31x0.26in
Number of mounting holes	8
Mounting hole PCD	244.5-247.5mm / 9.63-9.75in
Unit weight	4.3kg / 9.5lb

Parameters

Sd	346.36cm^2 / 53.69in^2
Fs	40.9Hz
Mms	55.865g / 1.97oz
Qms	7.952
Qes	0.371
Qts	0.355
Re	6.04 ohm
Vas	46.1l / 1.63 ft^3
Bl	15.28Tm
Cms	0.271 mm/N
Rms	1.804mm/N
Le (at 1kHz)	1.15mH
Xmax	6.65mm / 0.26in

Frequency Response and Impedance Curves



Packed Dimensions & Weight

Single pack size W x D x H	306mm x 306mm x 155mm / 12in x 12in x 6.1in
Single pack weight	5.5kg / 12.1lb
Multi pack qty	8
Multi pack size W x D x H	555mm x 520mm x 290mm / 21.9in x 20.5in x 11.4in
Multi pack weight	45kg / 99lb

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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