



K12H-200TC

Ferrite magnet pressed steel chassis driver

General Specifications

Nominal diameter	305mm/12in
Power rating ¹	200Wrms
Nominal impedance	8Ω
Sensitivity ²	98dB
Frequency range	50-10,000Hz
Voice coil diameter	50mm/2in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.41kg/50oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	2mm/0.08in
Gap depth	8mm/0.31in
Voice coil winding width	12mm/0.47in

Small Signal Parameters

D	0.26m/0.24in
Fs	60.0Hz
Mms	46.514g/1.64oz
Mmd	39.592g/1.39oz
Qms	4.585
Qes	0.583
Qts	0.481
Re	5.61Ω
Vas	60.3lt/2.13ft ³
Bl	13.535 Tm
Cms	0.151mm/N
Rms	3.826 kg/s
Le (at 1kHz)	0.683 mH

Mounting Information

Overall diameter	309mm/12.2in
Overall depth	130.25mm/5.14in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	Ø 7.9mm/0.31in
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	3.9kg/8.6lb

Packed Dimensions & Weight

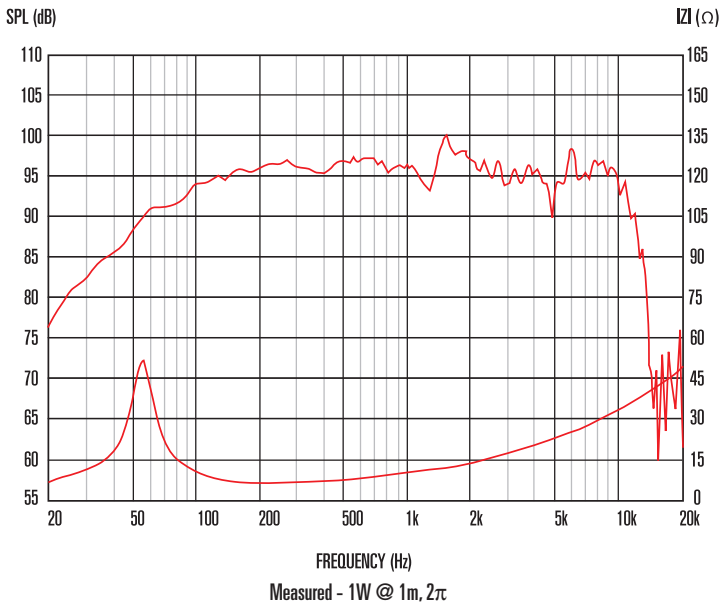
Single pack size W x D x H	333mm x 322mm x 145mm
	/13.1in x 12.7in x 5.7in
Single pack weight	5.0kg/11lb



Features

- 12" twin cone drive unit with extended high frequency response
- 2" high temperature copper voice coil for increased reliability and 200Wrms (AES standard) power handling
- Optimised cone neck/voice coil assembly for increased strength, minimising high frequency distortion and improving sound quality
- Secondary cone terminated by pressure formed cloth dust cap for enhanced mid-band clarity
- High efficiency magnet structure design delivers improved sensitivity
- Double roll surround for greater excursion control and smooth frequency response

Frequency Response and Impedance Curves



1. 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.
 2. Measured on axis at 1W, 1m in 2π anechoic environment.
 3. Xmax derived from: (voice coil winding width-gap depth)/2.