Full Range Loudspeakers

K12H-200TC

12-inch pressed steel chassis, ferrite magnet extended HF response driver

- Secondary cone extends HF response to 10kHz
- Strengthened voice coil assembly for improved midband clarity

400W
Continuous power rating

98dB
Sensitivity

2in
Round copper voice coil



General Specifications

Nominal Diameter	305mm / 12in
Power Rating	200W
Continuous power rating	400W
Rated impedance	8 ohm
Sensitivity	98dB
Frequency range	50-10,000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.41kg / 50oz
Voice coil diameter	50mm / 2in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	12mm / 0.47in

Mounting Information

Overall diameter	309mm / 12.2in
Overall depth	130.3mm / 5.1in
Cut-out diameter	283mm / 11.14in
Mounting hole dimensions	7.9mm / 0.31in
Number of mounting holes	4
Mounting hole PCD	297mm / 11.69in
Unit weight	8.6lb / 3.9kg

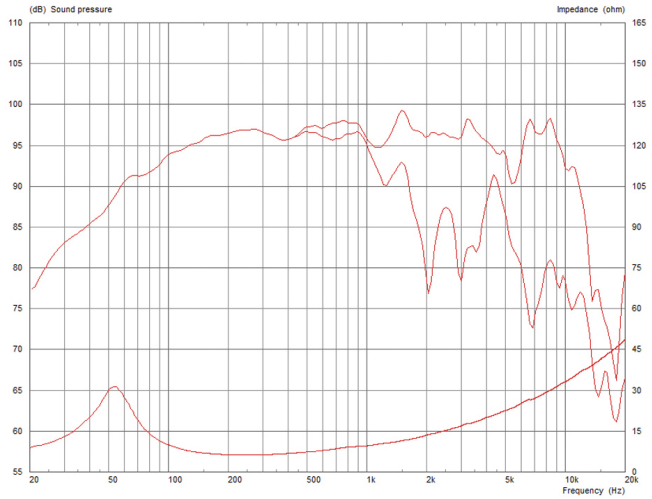
Packed Dimensions & Weight

Single pack size W x D x H	333mm x 332mm x 145mm / 13.1in x 12.7in x 5.7in
Single pack weight	5.0kg / 11lb

Parameters

Sd	530.93cm^2 / 82.29in^2
Fs	62.30Hz
Mms	40.57g / 1.43oz
Qms	2.804
Qes	0.432
Qts	0.374
Re	5.81 ohm
Vas	64.10l / 2.26ft^3
Bl	14.63Tm
Cms	14.63mm/N
Rms	5.67kg/s
Le (at 1kHz)	0.63mH
Xmax	4mm / 0.16in

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.
Xmax: 0.5*(Hvc-Hg) + 0.25*Hg
Parameters: Measured after unit subjected to pre-conditioning signal.

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