## CELESTION

# **Full Range Loudspeakers** K12H-200TC



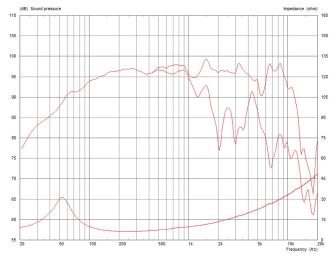
### Packed Dimensions & Weight

Single pack size W x D x H

Single pack weight

333mm x 332mm x 145mm / x 13.1in 12.7in x 5.7in 5.0kg / 11lb

#### Frequency Response and Impedance curve



### 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

Round copper voice coil

#### **General Specifications**

Nominal Diameter 305mm / 12in Power Rating 200W 400W Continuous power rating 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 Round copper Voice coil material 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 Mounting hole PCD 297mm / 11.69in Unit weight 8.6lb / 3.9kg

Sd 530.93cm2 / 82.29in2 Fs 62.30Hz Mms 40.57g / 1.43oz Qms 2.804 Qes 0.432 Ots 0.374 Re 5.81 ohm Vas 64.10I / 2.26ft3 14.63Tm ΒΙ 14.63mm/N Cms 5.67kg/s Rms Le (at 1kHz) 0.63mH 4mm / 0.16in **Xmax** 

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 Gentinuous Power Rating is defined as 3dB greater than the AES rating. Sensitivity measured on axis at 1W, 1m in 2? anechoic environment. Xmax is derived from: (voice coil winding width-gap depth)/2. Small Signal Parameters are measured after unit subjected to pre-conditioning signal.

