

Product Overview

The KEF Ventura 5T is a high-performance all-weather speaker designed for outdoor applications including direct exposure to sun, rain, and salt spray. The 5T model features multi-tap transformers selectable for 6 ohm, 70 or 100 volt applications. The speaker features a 130mm low frequency woofer and a 25mm fluid cooled aluminium high frequency tweeter mounted in a sealed IP65 certified enclosure ensuring high quality music experiences in even the most extreme atmospheric conditions. Its performance and design characteristics make the KEF Ventura 5T the ideal choice for installations around swimming pools, patios, outdoor gardens, theme parks, car parks, and on yachts.



Key Features

Weatherproof Construction – Manufactured using a proprietary plating and powder coating process, the KEF Ventura 5T had to endure 1,200 hours of direct salt spray testing and is UV protected to withstand the harshest environments with an operating temperature from -40° to +70°C.

Versatile Mounting System – An included ratcheting aluminium mounting bracket allows the speaker to be rotated 180° and the symmetrically square KEF logo can be rotated in 90° increments increasing installation options while retaining the correct finished appearance. The speaker also includes ¼-20 brass inserts for use with many aftermarket mounting systems.

Stainless Steel / Brass Hardware – The included hardware is made from materials designed to withstand the same extreme operating conditions as the speaker, ensuring the complete assembly is kept free of corrosion and discoloration.

Fluid Cooled Aluminium Tweeter – The high-power anodised aluminium tweeter is cooled by a ferro-fluid liquid greatly improving it's thermal handling capacity and reliability.

IP65 Certification – The speaker assembly is completely sealed from dust and water ensuring that even direct salt spray will not harm any components.

Multi-tap Selectable Transformers – The 70/100 volt transformers allow the integrator to individually adjust each speaker's output to 70V (3.75W, 7.5W, 15W, 30W) or 100V (7.5W, 15W, 30W, 60W) providing the versatility to meet various operating requirements.

Architect and Engineer Specifications

The speaker shall be designed for outdoor installations in extreme atmospheric conditions and utilise a 130mm low frequency woofer and a 25mm liquid cooled and anodised aluminium high frequency tweeter. The speaker enclosure shall be made of ABS, be treated with a UV protective finish, and have dimensions of no more than 262mm x 197mm x 189mm with a total weight of no more than 3.3kg. All supplied mounting brackets and hardware shall be constructed from aluminium, stainless steel, or brass, and support speaker installation in both vertical and horizontal configurations. The speaker shall also include ¼ - 20 inserts for compatibility with aftermarket mounting systems and be available in both black and white finishes.

The speaker shall feature multi-tap transformers and be configurable for both 70 and 100 volt operation (70V - 3.75W, 7.5W, 15W, 30W) (100V - 7.5W, 15W, 30W, 60W). The speaker shall have a frequency response of 60Hz - 20kHz and an operating temperature range of -40°C to 70°C. The speaker shall achieve a minimum pressure sensitivity of 89dB SPL at 1 meter on-axis with an input signal of 2.83 volts. The crossover frequency between the woofer and tweeter shall be 3.8kHz. The speaker shall be IP65 certified and meet numerous safety and performance standards listed by regulatory bodies around the world.

The speaker shall be the KEF Ventura 5T.

Specifications

| | | |
|---|-----------------------------------|--|
| Model | Ventura 5T | |
| Series | Ventura | |
| Nominal impedance | 6Ω | |
| Sensitivity (2.83V/1m) | 89dB | |
| Frequency response (±6dB) | 74Hz - 20kHz | |
| Frequency range (-10dB) | 58Hz - 25kHz | |
| Nominal coverage (degrees) | 125° | |
| Max SPL (dB) | 103dB | |
| Crossover frequency | 3.8kHz | |
| Drive units | LF | 130mm (5.25in.) |
| | HF | 25mm (1in.) |
| Recommended amplifier power | 10 - 100W | |
| Recommended high-pass filter (Hz) | 60Hz | |
| Transformer taps | 70V: 3.75W, 7.5W, 15W, 30W | |
| | 100V: 7.5W, 15W, 30W, 60W | |
| Product external dimensions (H x W x D) | Cabinet only | 262 x 197 x 189 mm (10.3 x 7.75 x 7.4 in.) |
| | With bracket and knobs | 262 x 197 x 235 mm (10.3 x 7.75 x 9.25 in.) |
| Net weight | 3.3kg (7.25lbs) | |
| Operating temperature range | -40°C to 70°C (-40°F to 158°F) | |
| Certification | IP65 | |

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KEF reserves the right, in line with continuing research and development, to amend or change specifications. E&OE.

The Ci speakers that utilise THX in the model name have undergone and passed certified THX approval.

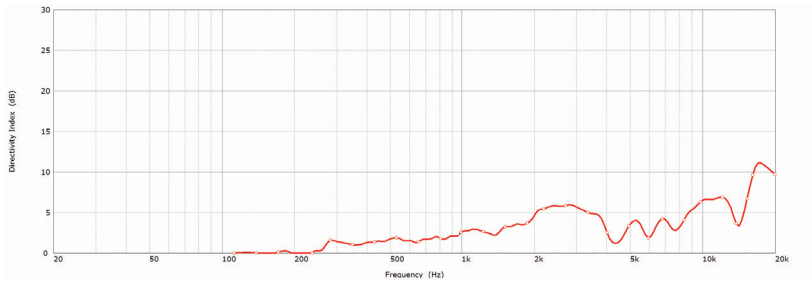
Ventura 5T

Architectural Speaker

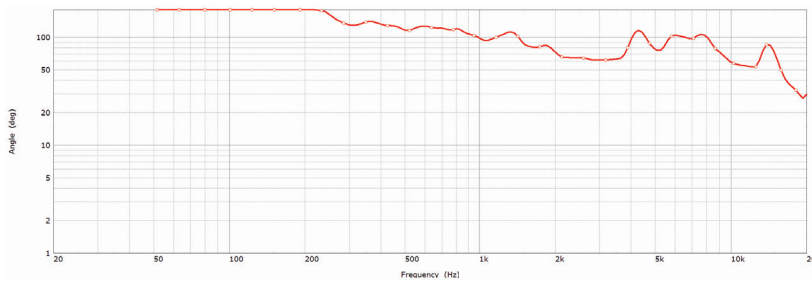


OBSESSED WITH HIGH RESOLUTION

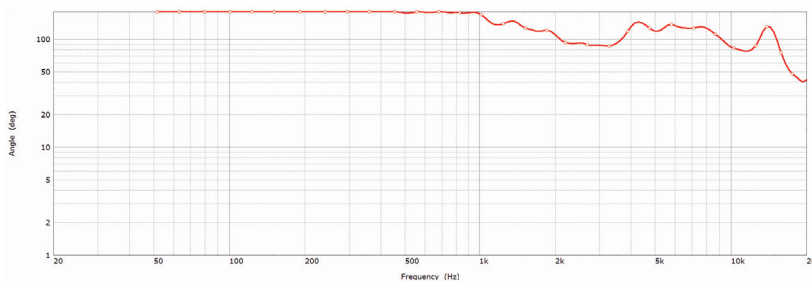
Directivity Index



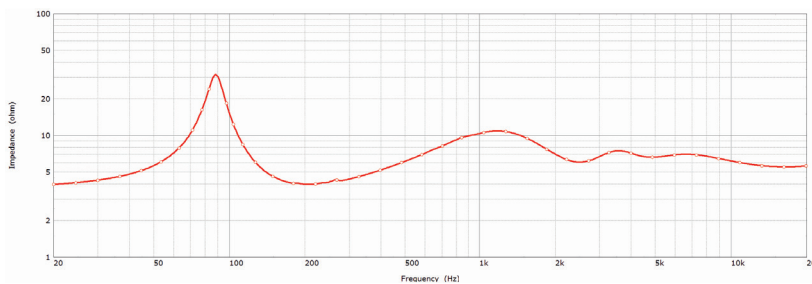
Beamwidth -3dB



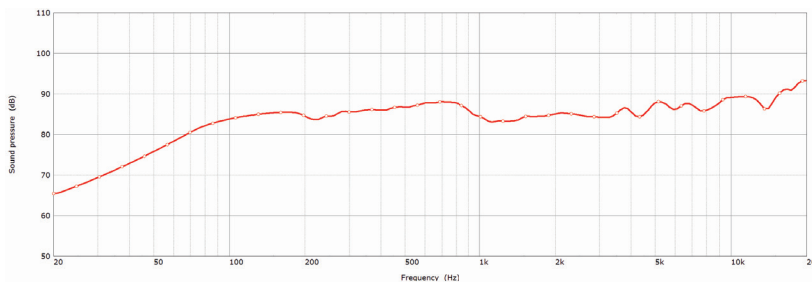
Beamwidth -6dB



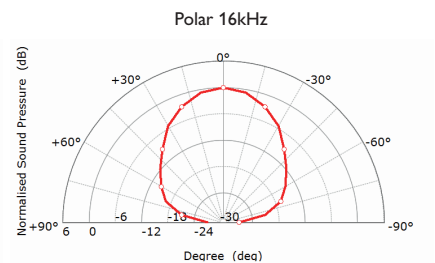
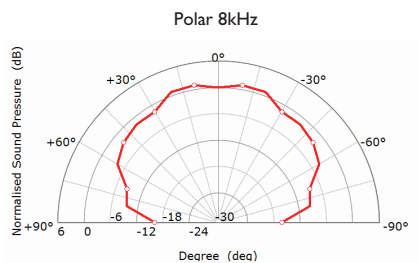
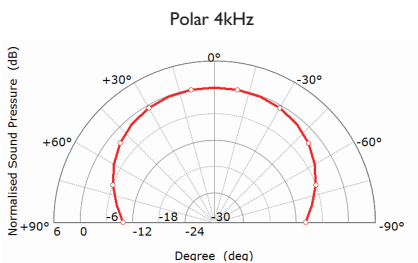
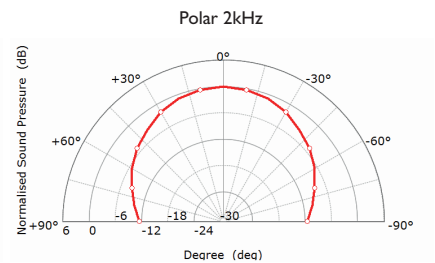
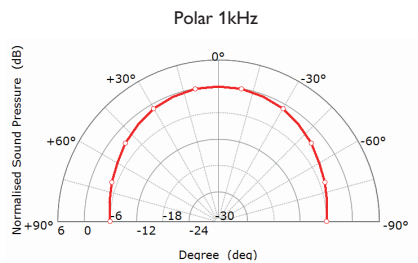
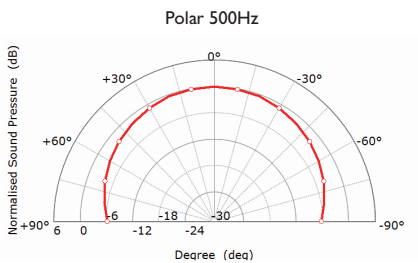
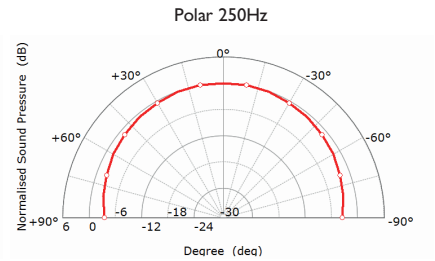
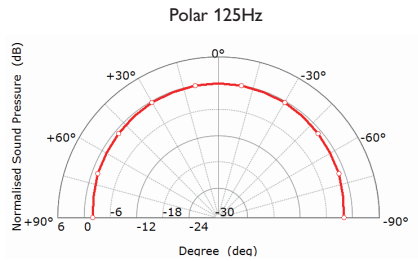
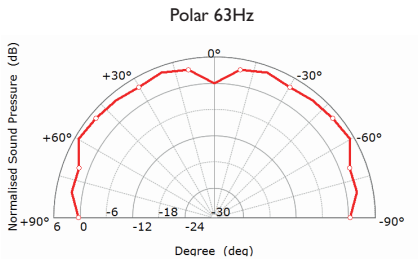
Impedance



Sensitivity (2.83V/1m)



Polar Responses



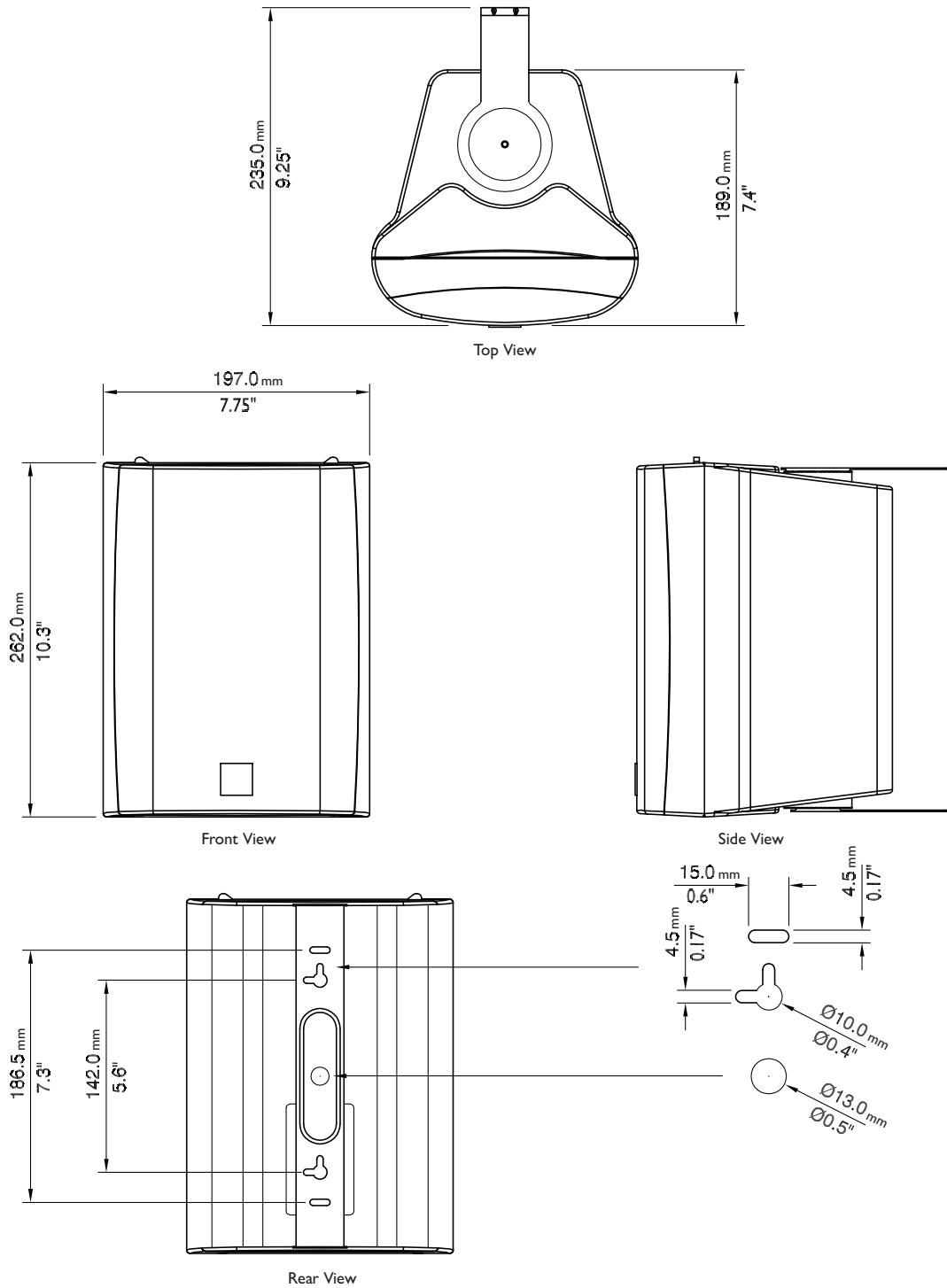
Ventura 5T

Architectural Speaker



OBSESSED WITH HIGH RESOLUTION

Mechanical Diagrams



Dimensions in mm (inches)

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