

# JANTZEN AUDIO

## Jenzen Illuminator

Designed by Troels Gravesen



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# JANTZEN AUDIO

## Troels Gravesen's Introduction:

The primary objectives of the Jenzen series of speakers are optimisation of front panel layout for smooth midrange frequency response and the use of stepped baffles in order to better acoustically align drivers for implementation of true LR2 crossovers.

Due to the stepped front panel of this design a simplified crossover can be realised with enhanced transparency and timbre quality. As can be seen from the crossover schematics below, this has been accomplished.

### **IMPORTANT!**

**Please read our sales terms to read about how the DIY kits are delivered and other important information.**

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## Drivers used in the construction:

**2 x Scan-Speak 26W/8861T00 (Woofers)**



**2 x Scan-Speak 18WU/8741T00 (Mid-range units)**



**2 x Scan-Speak D3004/660000**



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## Crossover component options (levels):

The “level 1” has the highest grade of components

### Level 1 crossover components:

#### Coils:

- Wax Coils (foil inductors)
- C-Coils (toroidal core)
- Air & Iron Core Wire Coils



#### Tweeter capacitors:

Alumen Z-Caps & MKT Z-caps



#### Mid-range capacitors:

Silver Z-Caps



#### Other positions:

Cross Caps



#### Resistors:

Superes (wire wound)



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## Level 2 crossover components:

### Coils:

- Wax Coils (foil inductors)
- C-Coils (toroidal core)
- Air & Iron Core Wire Coils



### Tweeter capacitors:

**Superior Z-Caps & MKT Z-caps**



### Mid-range capacitors:

**Superior Z-Caps**



### Other positions:

**Cross Caps**



### Resistors:

**Superes (wire wound)**



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## Damping materials included in the DIY kit:

Damping felt



Polyester damping cloth



Egg crate foam



## Accessories included in the DIY kit:

Binding post terminals (4 pairs)



Port tubes



Cables for internal wiring (PFTE/Silver)



Solder tag strips & Screw-in terminals



Casco SuperFix component fastening glue

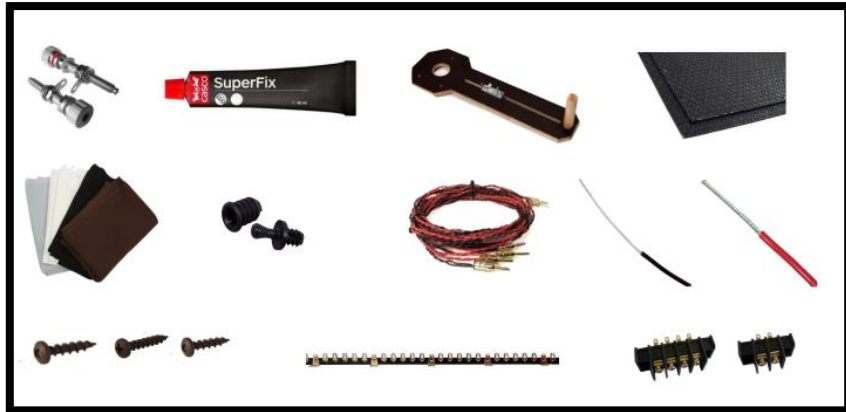


Screws for driver mounting



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For general accessories click the box below



For SoundCare Super Spikes click the box below

