

Jenzen Illuminator

Designed by Troels Gravesen



“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.”

Speaker Units (Drivers):

**Scan-Speak
26W/8861T00
Woofers**
(can be ordered with DIY kit)



**Scan-Speak
18WU/8741T00
Mid-range units**
(can be ordered with DIY kit)



**Scan-Speak
D3004/660000
Tweeters**
(can be ordered with DIY kit)



Crossover components options (levels):

Level 1:

Inductors:

C-Coils
Wax Coils (foil inductors)
Air & iron core wire coils



Resistors:

Superes resistors



Capacitors:

Tweeters: Alumen Z-Caps



Midrange: Silver Z-Caps



Other: Cross Caps & Electrolytic caps



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Crossover components options (levels):

Level 2:

Inductors:

C-Coils
Wax Coils (foil inductors)
Air & iron core wire coils



Resistors:

Superes resistors



Capacitors:

Tweeters: Superior Z-Caps



Midrange: Superior Z-Caps



Other: Cross Caps & Electrolytic caps



What else is included in the DIY kit?

Damping Materials included in the DIY kit as standard:

Damping felt
Polyester damping cloth
Egg crate foam



Accessories included in the DIY kit as standard:

Binding post terminals
Port tubes (Bass Reflex)
PFTF insulated silver infused cables for internal wiring
Jantzen Supra cables for internal wiring
Solder tag strips
Screw-in terminals
SuperFix component fastening glue
Round head wood screws



Pricelist

(Click here)

Optional accessories

(Click here)

Complete design article

(Click here)

Contact us to buy a DIY kit

(Click here)

General information:

- The prices mentioned in the pricelist are excluding shipping costs
- The “closed schematic” DIY kits can only be purchased directly from Jantzen Audio
- Crossover schematics & values for the “closed” DIY kits are not sold separately
- All crossover components must be purchased
- Drivers, Hypex, damping materials and accessories are optional (some exceptions)
- We do not offer pre-assembled crossovers

Customization:

- Only the capacitors can be upgraded (when applicable)
- We do not offer to downgrade any components to a lower grade than included in the existing kit version / levels

Cabinets:

- Cabinet materials are not included
- We do not offer readymade cabinets

Build instructions include:

- A printed instruction containing, the component values list, the crossover schematic, a crossover component placement drawing and the wiring chart