

JANTZEN AUDIO

Illuminator 4

Designed by Troels Gravesen



"This speaker actually came before the Illuminator-5, having done similar 4-way constructions from AudioTechnology, SEAS and ScanSpeak Discovery drivers.

An ATS-4 set-up had to be tried with the best of Scan-Speak drivers. It may have been called Revelator-4, but I render the mid-driver the most important in these constructions, thus Illuminator."

Speaker Units (Drivers):

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



**Scan-Speak
22W/8851T00
Woofers**
(can be ordered with DIY kit)



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



**Scan-Speak
D2904/710003
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: Amber Z-Caps



Midrange: Superior Z-Caps



Other: Electrolytic caps



Crossover components options (levels):

Level 2:

Inductors:

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



Resistors:

Superes resistors



Capacitors:

Tweeters: Alumen Z-Caps



Midrange: Superior Z-Caps



Other: Electrolytic caps



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Crossover components options (levels):

Level 3:

Inductors:

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



Resistors:

Superes resistors



Capacitors:

Tweeters: Superior Z-Caps



Midrange: Superior & Standard Z-Caps



Other: Electrolytic caps



What else is included in the DIY kit?

Damping Materials included in the DIY kit as standard:

Damping felt
Polyester damping cloth



Accessories included in the DIY kit as standard:

Binding post terminals
Port tubes (Bass Reflex)
PFTF insulated silver infused 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