

# 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



# JANTZEN AUDIO

## 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