

## Ellipticor 4

Designed by Troels Gravesen



*“Experience the phenomenal dynamic properties of Ellipticor drivers, here supplementet by two powerful bass drivers delivering 92 dB system sensivity.*

*Due to inherent smooth frequency response of drivers, a very simple crossover can be used.”*

# JANTZEN AUDIO

## Speaker Units (Drivers) & Hypex plate amps:

**BMS  
12N630  
Woofers**  
(Not included in DIY kit)



**18 Sound  
10NW650  
Woofers**  
(Not included in DIY kit)



**Scan-Speak  
18WE/8542T00  
Mid-woofers**  
(can be ordered with DIY kit)



**Scan-Speak  
D3404/552000  
Tweeters**  
(can be ordered with DIY kit)



**Hypex  
FA 252  
Plate amps**  
(can be ordered with DIY kit)



## Crossover components:

### Inductors:

Litz wire wax coils  
Air core wire coils



### Resistors:

Superes resistors



### Capacitors:

Tweeters: Amber Z-Caps



Midrange: Superior Z-Caps



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## Crossover components:

### Inductors:

Litz wire wax coils  
Air core wire coils



### Resistors:

Superes resistors



### Capacitors:

**Tweeters:** Alumen Z-Caps



**Midrange:** Superior Z-Caps



## What else is included in the DIY kit?

### Damping Materials included in the DIY kit as standard:

Damping felt  
Polyester damping cloth  
Combed natural wool filler  
Bitumen standard panels



### Accessories included in the DIY kit as standard:

Binding post terminals  
Port tubes (Bass Reflex)  
Straight port pipe  
Inner port flair  
Outer port flair  
PFTF insulated silver infused cables for internal wiring  
Solder tag strips  
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