

## Discovery 861

Designed by Troels Gravesen



*"Get unprecedented performance from a 2½-way speaker based on Scan-Speak Discovery drivers.*

*Exceptional smooth midrange performance, potent bass and non-aggressive treble.*

*Simplistic cabinet & minimalistic crossovers, which allows high-quality crossover components to be used, while still keeping cost reasonable.*

*92 dB sensitivity welcoming smaller amplifiers."*

## Speaker Units (Drivers):

**Scan-Speak  
22W/8534G00  
Woofers**  
(Can be bought with DIY kit)



**Scan-Speak  
18W/8434G00  
Mid-range units**  
(Can be bought with DIY kit)



**Scan-Speak  
D2608/913000  
Tweeters**  
(Can be bought with DIY kit)



## Crossover component options (kit levels):

### Level 1:

#### Inductors:

Air core wire coils



#### Resistors:

Superes resistors



#### Capacitors:

Tweeters: Alumen Z-Caps



Midrange: Silver Z-Caps



## Crossover component options (kit levels):

### Level 2:

#### Inductors:

Air core wire coils



#### Resistors:

Superes resistors



#### Capacitors:

Tweeters: Superior Z-Caps



Midrange: Standard Z-Caps



Other: Cross 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



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

Binding post terminals  
PFTE 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