

## Discovery 18W

Designed by Troels Gravesen



*"I've rarely enjoyed a "6+1" more than this one - with the stepped baffle and the V3 crossover.*

*These Discovery drivers take some burn-in and after that the bass performance is what first comes to mind.*

*Due to the exceptionally high mechanical Q (= low damping) these drivers deliver a remarkable bass - even at low levels.*

*The fairly rigid cones helps delivering a transparent midrange and I keep wondering what else I can use this driver for. The ring-radiator is my favourite tweeter with this speakers and seriously challenge the higher prices tweeters."*

## Speaker Units (Drivers):

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



**Scan-Speak  
R2604/832000  
Tweeters**  
(Can be bought with DIY kit)



# JANTZEN AUDIO

## Crossover component options (kit levels):

### Level 1:

#### Inductors:

Cross Coils (foil inductors)  
Air & iron core wire coils



#### Resistors:

Superes resistors



#### Capacitors:

Tweeters: Superior Z-Caps



Midrange: Standard Z-Caps



Other: Cross Caps & Electrolytic Caps



## Crossover component options (kit levels):

### Level 2:

#### Inductors:

Cross Coils (foil inductors)  
Air & iron core wire coils



#### Resistors:

Superes resistors



#### Capacitors:

Tweeters: Standard Z-Caps



Midrange: Standard 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



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

Binding post terminals  
Port tubes (bass reflex)  
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