

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