

## Illumina 66

Designed by Troels Gravesen



*“For bass I have chosen the 4 ohms version of the 18WU range.*

*4 ohms voice coil makes a more responsive driver for the same gain setting of your line stage by drawing more current from your amplifier, but no decent solid state amp will have trouble driving this speaker because it can't play immensely loud anyway.*

*50-100 good solid state watts will do and my 80 wpc Jungson amps just love this speaker.”*

**Can be built with either the D3004/60000 or R3004/62000 tweeters.**

## Speaker Units (Drivers):

**Scan-Speak  
18WU/4741T00  
Woofers**  
(Can be bought with DIY kit)



**Scan-Speak  
D3004/660000  
Tweeters**  
(Can be bought with DIY kit)



**Scan-Speak  
R3004/662000  
Tweeters**  
(Can be bought with DIY kit)



## Crossover components:

### Inductors:

Wax coils (foil inductors)  
Air core wire coils



### Resistors:

Superes resistors



### Capacitors:

**Tweeters:** Alumen Z-Caps



**Midrange:** Silver Z-Caps



**Other:** Standard Z-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