

The Loudspeaker 3 (TL 3)

Designed by Troels Gravesen



"Build a cost-effective, modest sized and yet powerful 3-Way from high quality 18 SOUND and Faital drivers.

Can be driven from as little as 15 watts due to plate-amp/DSP running the 15" bass driver.

Simple crossover delivers extraordinary dynamics and transparency."

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Speaker Units (Drivers) & Hypex Plate Amps:

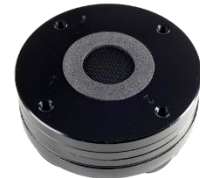
**18 Sound
15W700-8 (8Ω)
Woofers**
(Not included in DIY kit)



**Faital
8PR210-16 (16Ω)
Midrange-driver**
(Not included in DIY kit)



**18 Sound
NSD1095N (8Ω)
Compression driver**
(Not included in DIY kit)



**18 Sound
XT1086
Horn**
(Not included in DIY kit)



**Hypex (For Semi-active construction)
FA 251 or FA501
Fusion Plate Amps**
(Can be included in DIY kit)



Crossover component options (kit levels):

Level 1:

Inductors:

Litz wire wax coils
Iron core wire coils



Resistors:

Superes resistors



Capacitors:

Tweeters (Horns): Amber Z-Caps



Midrange: Silver Z-Caps



Other: Silver Z-Caps



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Crossover component options (kit levels):

Level 2:

Inductors:

Litz wire wax coils
Iron core wire coils



Resistors:

Superes resistors



Capacitors:

Tweeters (Horns): Alumen Z-Caps



Midrange: Silver Z-Caps



Other: Silver 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



Accessories included in the DIY kit as standard:

Complete binding post plate terminal sets
PFTF insulated silver infused cables for internal wiring
Solder tag strips
Screw-in terminals
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