

## B&W 802 S3 Matrix Crossover Upgrade Kit

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*"A client brought in his B&W 802 s3 speakers for a possible upgrade of the crossovers. Not necessarily a new crossover, but at least a replacement of existing components with the best possible coils and caps within a decent price range, hence this article on how to up-grade your nineties B&W speakers.*

*Before starting any measurements I set up the speakers in my living room and replacing my ATS-4, I experienced a somewhat smaller speaker with less visceral impact in the bass area and a somewhat less weighty lower midrange presentation, giving less fullness to vocals."*

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## Crossover components:

### Inductors:

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



### Resistors:

Superes resistors



### Capacitors:

Tweeters: Superior Z-Caps



Midrange: Superior Z-Caps



Other: Cross Caps



## What else is included in the DIY kit?

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

PFTE insulated silver infused cables for internal wiring  
Solder tag strips  
SuperFix component fastening glue



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**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