

# JANTZEN AUDIO

## Fusion B-A-D (Bi-Amp-Dsp)

Designed by Troels Gravesen



*“Build a seriously powerful speaker that can play with high-end delicacy – and throw a party should this be required.*

*12” high power BMS bass driver, 6” high-end ScanSpeak midrange and SBAcoustics Satori doped dome tweeter (optional Beryllium dome).*

*Low-order crossover and high-end Jantzen Audio crossover components ensures perfect integration of drivers and deliver extraordinary transparency and transient response. Hypex fusion modules deliver rock-solid bass and adjustability for room acoustics.”*

**Can be built with beryllium dome tweeters (TW29BN-B) or fabric dome tweeters (TW29RN-B).**

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## Speaker Units (Drivers)& Hypex plate amps:

**BMS**  
**12N630 (8Ω)**  
**Woofers**  
**(Not included in DIY kit)**



**Scan-Speak**  
**18M/8631T00**  
**Mid-range units**  
**(Can be bought with DIY kit)**



**SB Acoustics**  
**TW29BN-B**  
**Beryllium dome tweeters**  
**(can be ordered with DIY kit)**



**SBA**  
**TW29RN-B**  
**Fabric dome tweeters**  
**(can be ordered with DIY kit)**



**Hypex**  
**FA251**  
**Plate amps**  
**(can be ordered with DIY kit)**



## Crossover components:

### Inductors:

Air & iron core wire coils



### Resistors:

Superes resistors



### Capacitors:

Tweeters: Alumen Z-Caps



Midrange: Superior 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:

Binding post terminals  
Port tubes (Bass Reflex)  
PFTE insulated silver infused cables for internal wiring  
Solder tag strips  
Solder Lugs  
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