

# JANTZEN AUDIO

## JBL L100 Crossover Upgrade Kits (4311 & 4310 models)

Designed by Troels Gravesen

4311



4310



**Please note!**

**We offer separate upgrade kits for the two models**

*“The James B. Lansing L100 Century loudspeaker, the consumer version of the 4310 (LE20 tweeters), later the 4311 (LE25&LE26 tweeters) studio monitor, became the largest selling loudspeaker model of any company in the Seventies and more than 125,000 pairs were sold.*

*By the end of the decade, recording studios in the United States used more of JBL’s monitors than all other brands’ monitors combined. Due to the materials used, the L100 drivers are as good today as when they were produced, but the overall sound can be vastly improved by modern crossover technology.”*

# JANTZEN AUDIO

DIY kit only works with these drivers:

**JBL  
123A or 2213 Alnico  
Woofers**  
**(Not included in DIY kit)**



**JBL  
LE5-2  
Mid-range units**  
**(Not included in DIY kit)**



**JBL  
LE20 (4310 model)  
Tweeters**  
**(Not included in DIY kit)**



**JBL  
LE25 or LE26 (4311 model)  
Tweeters**  
**(Not included in DIY kit)**



## Crossover components options (levels):

### Level 1:

#### Inductors:

Wax Coils (foil inductors)  
Iron core wire coils



#### Resistors:

Superes resistors



#### Capacitors:

Tweeters: Superior Z-Caps



Midrange: Superior Z-Caps



Other: Standard Z-Caps & Cross Caps



## Crossover components options (levels):

### Level 2:

#### Inductors:

Air & iron core wire coils



#### Resistors:

Superes resistors

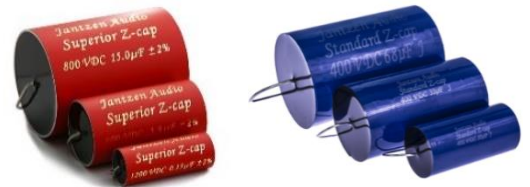


#### Capacitors:

Tweeters: Superior Z-Caps



Midrange: Superior & Standard Z-Caps



Other: Standard Z-Caps & Cross Caps



## Crossover components options (levels):

### Level 3:

#### Inductors:

Air & iron core wire coils



#### Resistors:

Superes resistors

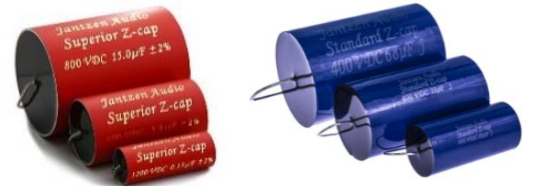


#### Capacitors:

**Tweeters:** Standard Z-Caps



**Midrange:** Superior & Standard Z-Caps



**Other:** Standard Z-Caps & Cross Caps



## What else is included in the DIY kit?

### Damping Materials included in the DIY kit as standard:

Polyester damping cloth  
Egg Crate Foam



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

Binding post terminals  
PFTF insulated silver infused cables for internal wiring  
Solder tag strips  
SuperFix component fastening glue



**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