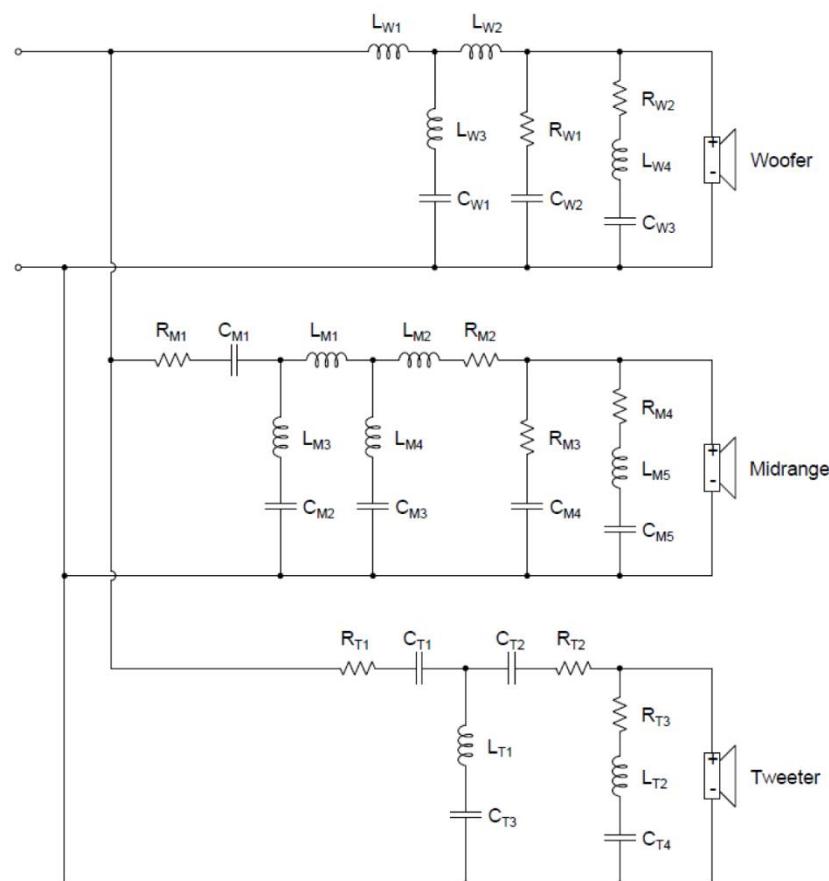


Table 1: List of parts in Fig. 5 (version 2019-08-23).

Part	Value	Description
L _{W1}	6.8 mH / 0.19 Ω	Laminated iron core (e.g. Mundorf BS180, Feron, I core, baked varnish)
L _{W2}	1.8 mH / 0.09 Ω	Laminated iron core (e.g. Mundorf BS180, Feron, I core, baked varnish)
L _{W3}	0.1 mH / 0.23 Ω	Air core (e.g. Mundorf BL71, baked varnish)
L _{W4}	15 mH / 1.12 Ω	Iron core (e.g. Mundorf BH71, Ferrite, baked varnish)
C _{W1}	118 μ F	Parallel combination of 100 μ F bipolar electrolytic (e.g. Mundorf ECAP50) and 18 μ F MKP (e.g. Mundorf MCAP250)
C _{W2}	33 μ F	Bipolar electrolytic (e.g. Mundorf ECAP70)
C _{W3}	267 μ F	Parallel combination of 220 μ F and 47 μ F bipolar electrolytics (e.g. Mundorf ECAP63 / ECAP50)
R _{W1}	6.8 Ω / 10 W	MOX type (e.g. Mundorf MR10)
R _{W2}	5.6 Ω / 10 W	MOX type (e.g. Mundorf MR10)
L _{M1}	1.2 mH / 0.44 Ω	Air core (e.g. Mundorf BL125, baked varnish)
L _{M2}	0.39 mH / 0.15 Ω	Air core (e.g. Mundorf BL140, baked varnish)
L _{M3}	6.8 mH / 0.46 Ω	Iron core (e.g. Mundorf BH100, Ferrite, baked varnish)
L _{M4}	0.12 mH / 0.15 Ω	Air core (e.g. Mundorf BL100, baked varnish)
L _{M5}	2.7 mH / 1.01 Ω	Iron core (e.g. Mundorf BP71, Ferrite, baked)
C _{M1}	33 μ F	MKP (e.g. Mundorf MCAP250)
C _{M2}	267 μ F	Parallel combination of 220 μ F bipolar electrolytic (e.g., Mundorf ECAP63) and 47 μ F MKP (e.g. Mundorf MCAP250)
C _{M3}	5.6 μ F	MKP (e.g. Mundorf MCAP250)
C _{M4}	4.7 μ F	MKP (e.g. Mundorf MCAP250)
C _{M5}	68 μ F	Bipolar electrolytic (e.g. Mundorf ECAP50)
R _{M1}	2.7 Ω / 10 W	MOX or wire wound (non-inductive) (e.g. Mundorf MRES20)
R _{M2}	5.6 Ω / 10 W	MOX or wire wound (non-inductive) (e.g. Mundorf MRES20)
R _{M3}	8.2 Ω / 10 W	MOX or wire wound (e.g. Mundorf MR10)
R _{M4}	8.2 Ω / 10 W	MOX or wire wound (e.g. Mundorf MR10)
L _{T1}	0.18 mH / 0.38 Ω	Air core (e.g. Mundorf BL71, baked varnish)
L _{T2}	0.47 mH / 0.64 Ω	Air core (e.g. Mundorf BL71, baked varnish)
C _{T1}	4.7 μ F	MKP (e.g. MCAP250)
C _{T2}	15 μ F	MKP (e.g. MCAP250)
C _{T3}	100 μ F	Parallel combination of 82 μ F bipolar electrolytic and 18 μ F MKP (e.g. Mundorf ECAP50-82 and MCAP250-18)
C _{T4}	100 μ F	Bipolar electrolytic (e.g. Mundorf ECAP50)
R _{T1}	3.9 Ω / 10 W	MOX or wire wound (non-inductive) (e.g. Mundorf MRES20)
R _{T2}	1.0–1.3 Ω / 3–10 W	MOX or wire wound (non-inductive) (e.g. Mundorf MRES20 or Vishay MRA), higher value results in slightly less treble ¹⁷
R _{T3}	4.7 Ω / 10 W	MOX type (e.g. Mundorf MR10)



Part	Value
L _{W1}	6.8 mH / 0.19 Ω
L _{W2}	1.8 mH / 0.09 Ω
L _{W3}	0.1 mH / 0.23 Ω
L _{W4}	15 mH / 1.12 Ω
C _{W1}	118 μ F
C _{W2}	33 μ F
C _{W3}	267 μ F
R _{W1}	6.8 Ω / 10 W
R _{W2}	5.6 Ω / 10 W
L _{M1}	1.2 mH / 0.44 Ω
L _{M2}	0.39 mH / 0.15 Ω
L _{M3}	6.8 mH / 0.46 Ω
L _{M4}	0.12 mH / 0.15 Ω
L _{M5}	2.7 mH / 1.01 Ω
C _{M1}	33 μ F
C _{M2}	267 μ F
C _{M3}	5.6 μ F
C _{M4}	4.7 μ F
C _{M5}	68 μ F
R _{M1}	2.7 Ω / 10 W
R _{M2}	5.6 Ω / 10 W
R _{M3}	8.2 Ω / 10 W
R _{M4}	8.2 Ω / 10 W
L _{T1}	0.18 mH / 0.38 Ω
L _{T2}	0.47 mH / 0.64 Ω
C _{T1}	4.7 μ F
C _{T2}	15 μ F
C _{T3}	100 μ F
C _{T4}	100 μ F
R _{T1}	3.9 Ω / 10 W
R _{T2}	1.0–1.3 Ω / 3–10 W
R _{T3}	4.7 Ω / 10 W

Jantzen Audio Parts:

Bass section (woofers):

L_{w1} ~~2 x 000-5566 - Iron Core Coil with Discs 6,800mH +/- 3% - DCR 0,21Ω - Wire 1,80 mm -13AWG - Ø55/ H 82 mm: €73,48~~

2 x 000-6355 - C-Coil 6,8mH +/-5% - DCR 0,17Ω +/-10% 500W / 8Ω wire 1,2mm=17AWG -Ø71 mm / H 25 mm: €59,88

L_{w2} 2 x 000-5804 - Iron Core Coil with Discs 1,800mH +/-3% - DCR 0,085Ω - Wire 1,80 mm =13AWG - Ø55/ H 46 mm: €39,50

L_{w3} 2 x 000-1801 - Air Core Coil 0,100mH +/-3% - DCR 0,230Ω - Wire 0,70mm=21AWG OD-26 / 8mm: €4,10

L_{w4} 2 x 000-5058 - Iron Core Coil with Discs 15,000mH +/-3% - DCR 1,140Ω - Wire 0,80=20AWG OD45/46: €22,80

C_{w1} 2 x 001-8200 - Compact MKT 100 µF +/- 5% 160 VDC MKT Size: 34x42x57 mm: €39,26

2 x 001-8130 - Compact MKT 18 µF +/- 5% 160 VDC MKT Size: 17x24x37 mm: €6,86

C_{w2} 2 x 001-8150 - Compact MKT 33 µF +/- 5% 160 VDC MKT Size: 20x26x57 mm: €13,99

C_{w3} 4 x 001-8200 - Compact MKT 100 µF +/- 5% 160 VDC MKT Size: 34x42x57 mm: €78,52

2 x 001-8180 - Compact MKT 68 µF +/- 5% 160 VDC MKT Size: 29x37x56 mm: €28,20

R_{w1} 2 x 002-0211 - Superes 6,80Ω 10W 1% L<1µH wire dim.8,5/53 flameproof: €8,42

R_{w2} 2 x 002-0205 - Superes 5,60Ω 10W 1% L<1µH wire dim.8,5/53 flameproof: €8,42

Mid-range section:

L_{m1} 2 x 000-1301 - Air Core Coil 1,200mH +/-3% - DCR 0,460Ω - Wire 1,20mm=17AWG Ø50 mm / H 30mm: **€22,63**

L_{m2} 2 x 000-0009 - Air Core Coil 0,390mH +/-3% - DCR 0,140Ω - Wire 1,60mm=14AWG Ø50 mm / 25 mm: **€22,75**

L_{m3} 2 x 000-5479 - Iron Core Coil With Discs 6,800mH +/-3% - **DCR 0,500Ω** wire 1,00=18AWG Ø35 mm /80 mm: **€32,74**

L_{m4} 2 x 000-1680 - Air Core Coil 0,120mH +/-3% - DCR 0,150Ω - Wire 1,00mm=18AWG Ø29 mm / H 15mm: **€5,59**

L_{m5} 2 x 000-1307 - Air Core Coil 2,700mH +/-3% - **DCR 0,920Ω** - Wire 1,00mm=18AWG OD-51 / 30mm: **€23,59**

~~C_{m1} 2 x Standard Z-Cap 33,00μF 400VDC 5% MKP Ø34 mm / L 60 mm: **€38,74**~~

Alt. 2 x 001-0586 - Superior Z-Cap 15,00μF 800VDC 2% MKP Ø52 mm / L 70 mm: **€90,74**

Alt. 2 x 001-0588 - Superior Z-Cap 18,00μF 800VDC 2% MKP Ø52 mm / L 70 mm: **€117,22**

C_{m2} 4 x 001-8200 - Compact MKT 100 μF +/- 5% 160 VDC MKT Size: 34x42x57 mm: **€78,52**

2 x 001-8180 - Compact MKT 68 μF +/- 5% 160 VDC MKT Size: 29x37x56 mm: **€28,20**

C_{m3} 2 x 001-0566 - Superior Z-Cap 5,60μF 800VDC 2% MKP Ø35 mm / 65 mm: **€47,78**

C_{m4} 2 x 001-0562 - Superior Z-Cap 4,70μF 800VDC 2% MKP Ø30 mm / 57 mm: **€39,79**

C_{m5} 2 x 001-8180 - Compact MKT 68 μF +/- 5% 160 VDC MKT Size: 29x37x56 mm: **€28,20**

R_{m1} 2 x 002-0181 - Superes 2,70Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

R_{m2} 2 x 002-0205 - Superes 5,60Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

R_{m3} 2 x 002-0217 - Superes 8,20Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

R_{m4} 2 x 002-0217 - Superes 8,20Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

Tweeter section:

L_{t1} 2 x 000-1488 - Air Core Coil 0,180mH +/-3% - DCR 0,382Ω - Wire 0,63mm=22AWG Ø27 mm / H 8 mm: **€4,22**

L_{t2} 2 x 000-1294 - Air Core Coil 0,470mH +/-3% - DCR 0,64Ω - Wire 0,63mm=22AWG Ø27 mm / 15 mm: **€5,26**

C_{t1} 2 x 001-7040 - Alumen Z-Cap Al Foil 4,70μF 100VDC 5% PPT Ø26 mm / L 96 mm: **€104,50**

C_{t2} 2 x 001-0586 - Superior Z-Cap 15,00μF 800VDC 2% MKP Ø52 mm / L 70 mm: **€90,74**

C_{t3} 2 x 001-8200 - Compact MKT 100 μF +/- 5% 160 VDC MKT Size: 34x42x57 mm: **€39,26**

C_{t4} 2 x 001-8200 - Compact MKT 100 μF +/- 5% 160 VDC MKT Size: 34x42x57 mm: **€39,26**

R_{t1} 2 x 002-0193 - Superes 3,90Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

R_{t2} (tweeter attenuation) 2 x 002-0160 - Superes 1,30Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

2 x 002-0157 - Superes 1,20Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

2 x 002-0154 - Superes 1,10Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

2 x 002-0151 - Superes 1,00Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

R_{t3} 2 x 002-0199 - Superes 4,70Ω 10W 1% L<1μH wire dim.8,5/53 flameproof: **€8,42**

Accessories:

2_x_051-0020 - Port Tube ID-100mm L-145mm - flared (900028): **€5,71 per unit**

15_x_014-0425 – Combed natural wool: **€1,50 per 100 g**

2 m² of 014-0410– White polyester damping cloth: **€8,30**

2 m² of 014-0414 – Grey damping felt: **€18,58**

5 meters of 006-0045 – 16 AWG silver infused PFTE insulated cable (**black** insulation color): **€15,00**

5 meters of 006-0050 – 16 AWG silver infused PFTE insulated cable (**red** insulation color): **€15,00**