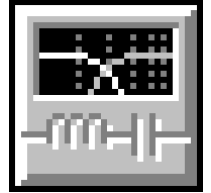


EW1

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2-Way Crossover Network

Low-Pass (LP) Filter: 1 required

Type: 1st-Order Butterworth

Desired Corner Frequency: 1800 Hz

High-Pass (HP) Filter: 1 required

Type: 3rd-Order Butterworth

Desired Corner Frequency: 1800 Hz

C1 = 5.1 μ F, Polypropylene, 0.00693 ohms

C2 = 16 μ F, Polypropylene, 0.0042 ohms

L1 = 0.7 mH, Air Core (#16), 0.331 ohms

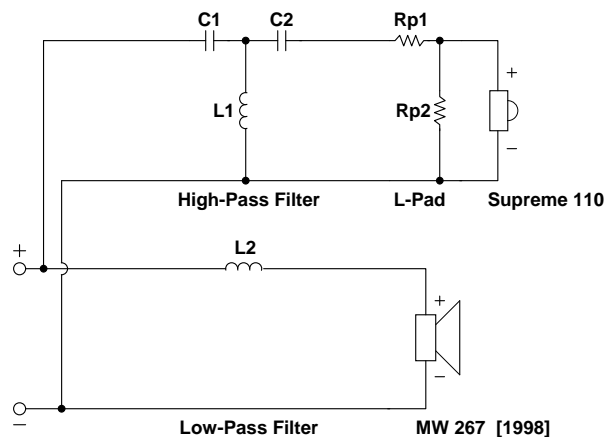
L2 = 0.6 mH, Air Core (#16), 0.319 ohms

Tweeter

3.00 dB L-Pad

Rp1 = 3.3 ohms

Rp2 = 620 ohms



Tweeter Properties

--Driver Description--

Name: Supreme 110

Type: Standard one-way driver

Company: Morel Ltd. (Israel)

Piston: Acuflex coated soft dome.

Voice Coil: 28 mm 2-layer Al hexatech-wire voice coil.

Magnet: Neodymium pancake magnet.

Ferrofluid included

Magnetic shielding

--Driver Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 680 Hz

Qms = 1.32

Xmax = 0.75 mm

P-Dia = 28 mm

Qes = 0.536

Re = 5.2 ohms

Le = 0.077 mH

Z = 8 ohms

Pe = 120 watts

Qts = 0.38

1-W SPL = 91.5 dB

Woofer Properties

--Driver Description--

Name: MW 267 [1998]

Type: Standard one-way driver

Company: Morel Ltd. (Israel)

Piston: Damped polymer composite (DPC) cone.

Dust Cap: DPC

Voice Coil: 75 mm, aluminum with Hexatech aluminum former

Magnet: Neodymium enclosed magnet system

Magnetic shielding

--Driver Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 25 Hz

Qms = 2.08

Vas = 113 liters

Cms = 1.68 mm/N

Mms = 24 g

Xmax = 4.25 mm

Sd = 219 sq.cm

Qes = 0.4

Re = 6.6 ohms

Z = 8 ohms

BL = 8 Tm

Pe = 180 watts

Qts = 0.33

1-W SPL = 89 dB



Graph Key: — LP — HP — Net

