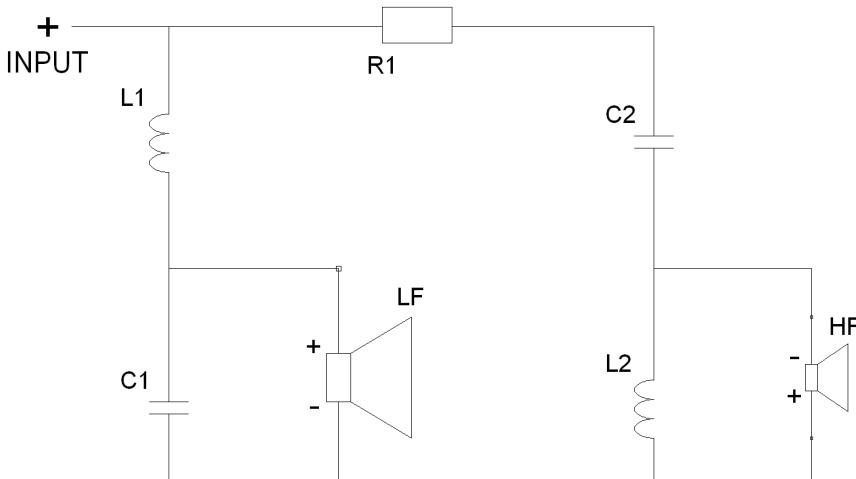


SUGGESTED CROSSOVER DESIGN

TFX0512

Coaxial, pressed steel chassis driver

Crossover Circuit Diagram



Crossover Circuit Components

No.	Component	Value	Description	Additional
R ₁	Resistor	1.5Ω	Ceramic, wirewound	>11W
C ₁	Capacitor	7μF	Polyprop, non-polarised	5%>250V
C ₂	Capacitor	2.2μF	Polyprop, non-polarised	5%>250V
L ₁	Inductor	0.5mH	Air-cored	<0.3Ω
L ₂	Inductor	0.1mH	Air-cored	<0.3Ω

General Driver Specifications

Power rating: LF	75Wrms (AES Standard)
Power rating: HF	8Wrms (AES Standard)
Nominal Impedance: LF	8Ω
Nominal Impedance: HF	8Ω
Sensitivity: LF	.91dB
Sensitivity: HF	.94dB
Overall frequency response	100Hz-20,000Hz
Crossover frequency	2000Hz

Suggested Cabinet Alignment

Volume (Vb)	4.5ft/0.16ft ³
Tuning frequency (Fb)	.75Hz
Vent diameter (Vd)	30mm/1.2in
Vent length (VL)	70mm/2.8in

Driver Mounting Information

Overall diameter:	151mm/7in(max)
Overall depth:	72mm/2.83in
Terminal: LF	Spade, 6.3mm/0.25in
Terminal: HF	Spade, 6.3mm/0.25in
Cut-out diameter	116mm/5.9in
Mounting slot dimensions	Ø4.5mm/0.18in
Number of mounting slots	4
Mounting PCD	140mm/5.5in
Unit weight	2kg/4.4lb



CELESTION