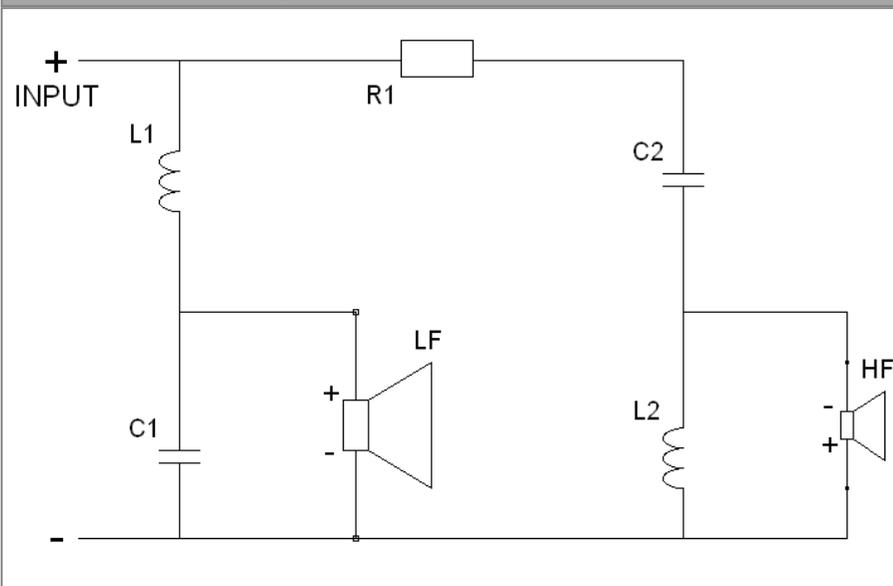


SUGGESTED CROSSOVER DESIGN

FTX1225

Coaxial, cast aluminium chassis driver

Crossover Circuit Diagram



* Note reversal of polarity on HF

General Driver Specifications

Power rating: LF.....300Wrms (AES Standard)
 Power rating: HF.....60Wrms (AES Standard)
 Nominal Impedance: LF.....8Ω
 Nominal Impedance: HF.....8Ω
 Sensitivity: LF.....97dB
 Sensitivity: HF.....104dB
 Overall frequency response.....50Hz-20,000Hz
 Crossover frequency.....1600Hz

Suggested Cabinet Alignment

Volume (Vb).....60lt/2.1ft³
 Tuning frequency (Fb).....48Hz
 Vent diameter (Vd).....100mm/4in
 Vent length (Vl).....80mm/4in

Driver Mounting Information

Overall diameter.....318mm/12.5in
 Overall depth.....168mm/6.6in
 Terminal: LF.....Spring loaded
 Terminal: HF.....Spade, 6.3mm/0.25in
 Cut-out diameter.....286mm/11.26in
 Mounting slot dimensions.....7.5x6.5mm/0.29x0.26in
 Number of mounting slots.....8
 Mounting PCD range.....298-304mm/11.7-11.97in
 Unit weight.....5.9kg/13.0lb

Crossover Circuit Components

No.	Component	Value	Description	Additional
R ₁	Resistor	8.2Ω	Ceramic, wirewound	>25W
C ₁	Capacitor	20μF	Polyprop, non-polarised	5%>250V
C ₂	Capacitor	10μF	Polyprop, non-polarised	5%>250V
L ₁	Inductor	1.85mH	Air-cored	<0.45Ω
L ₂	Inductor	0.1mH	Air-cored	<0.12Ω

