



terminals here

Materials

- side panels = 18 mm
- top, bottom, baffle = 14 mm
- internal = 12 mm.
- all fillets = 4 mm.

* wide for 111L7 unit

13 3/8"

* wide for 12" unit.

** cut out hole in baffle
 9" ϕ for 111L7
 11" ϕ for 12"

Plan for Homebrew Horn for Tannoy Dual Concentric Speakers

RWH Sept '68

Tannoy "Monitor Gold" Specifications

Frequency response	23—20,000 Hz.	25—20,000 Hz.	27—20,000 Hz.
Polar Distribution for 60° inc. Angle	-4dB at 10,000 Hz.	-3dB at 10,000 Hz.	-2dB at 10,000 Hz.
Power Handling Capacity	50 watts*	30 watts*	15 watts*
Impedance Via Crossover Network	8 ohms (5 ohms min.)	8 ohms (5 ohms min.)	8 ohms (5 ohms min.)

	"FIFTEEN"	"TWELVE"	"III LZ"
Flux Density L.F. Gap	13,500 gauss	11,500 gauss	10,000 gauss
Flux Density H.F. Gap	18,000 gauss	15,000 gauss	15,000 gauss
H.F. Voice Coil Diameter	2"	2"	2"
L.F. Voice Coil Diameter	2"	2"	2½"
Intermodulation Products	less than 2%	less than 2%	less than 2%
Bass Resonance	26 Hz.	28 Hz.	30 Hz.
Magnet Assembly Weight	13 lb.	7½ lb.	6½ lb.
Magnet Material	Ticonal G	Ticonal G	Ticonal G
Crossover Frequency	1,000 Hz.	1,000 Hz.	1,200 Hz.
Overall Diameter of Frame	15½"	12⅝"	12 ¹ / ₃₂ "
Overall Depth	9"	7½"	6½"
Fixing Holes P.C.D.	14½"	11¾"	11"
Weight: (Crossover network & Switch panel as separate units)	21 lb. 13 ozs. (crossover 4 lb.)	12 lb. (crossover 4 lb.)	10 lb. 4 oz. (crossover 3½ lb.)
Finish:			
Cover	High impact plastic	High impact plastic	High impact plastic
Frame	Stove enamel	Stove enamel	Stove enamel
Magnet Assembly Parts	Cadmium plate	Cadmium plate	Cadmium plate

