

the most
advanced
co-axial speaker
to date



TANNOY

Founder Chairman Guy R. Fountain



Dual-Concentric Chassis

The "Monitor" dual concentric loudspeaker is the logical development of the already well-established model which, during the last twelve years has set new standards for the high quality reproduction of sound. This loudspeaker unit is the culmination of over thirty years' continuous research by the largest organization in the U.K. specializing solely in the development and manufacture of sound reproducing equipment.

The new "Monitor" dual concentric incorporates many unique features including the revolutionary patented Tannoy magnetic shunt, possibly the greatest advance in loudspeaker magnet design for the last ten years. By the use of this

TANNOY

Monitor

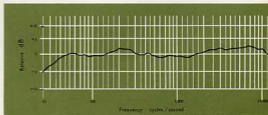
DUAL CONCENTRIC



Dual-Concentric chassis with plug-in cross-over network.

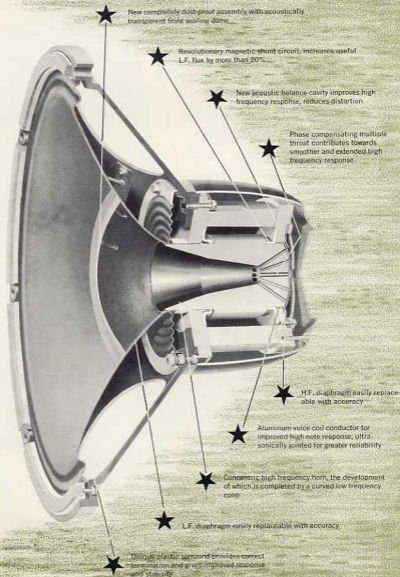
device, the magnetic flux may be accurately distributed between the low frequency and high frequency voice coil gaps with magnetic losses reduced considerably and useful flux increased by as much as 20%. Results are smoother response, better damping, improved transient response, higher efficiency.

The "Monitor" dual concentric is so named because it has become established as a quality standard by many of the major recording, broadcasting and television companies throughout the world. It is ideal for the highest quality home music systems, its fully integrated sound source being especially suitable for stereophonic reproduction.



Typical response of 12" or 15" Dual-Concentric in Bass reflex cabinet.

RIC



Frequency response	25—20,000 c.p.s.	23—20,000 c.p.s.
Polar Distribution for 60° inc. Angle	—3dB at 10,000 c.p.s.	—4dB at 10,000 c.p.s.
Power Handling Capacity	30 watts*	50 watts*
Impedance Via Crossover Network	16 ohms	16 ohms

TECHNICAL SPECIFICATION

“TWELVE”

“FIFTEEN”

Flux Density L.F. Gap	11,500 gauss	13,500 gauss
Flux Density H.F. Gap	15,000 gauss	18,000 gauss
H.F. Voice Coil Diameter	2"	2"
L.F. Voice Coil Diameter	2"	2"
Intermodulation Products	less than 2%	less than 2%
Bass Resonance	35 c.p.s.	32 c.p.s.
Magnet Assembly Weight	7½ lb.	13 lb.
Magnet Material	Ticonal G	Ticonal G
Crossover Frequency	1,700 c.p.s.	1,000 c.p.s.
Overall Diameter of Frame	12½"	15½"
Overall Depth	7½"	9"
Fixing Holes P.C.D.	11½"	14½"
Weight: (Crossover network in separate unit)	10 lb. (crossover 2 lb.)	20 lb. 13 ozs. (crossover 3 lb.)
Finish: Cover and Frame	Stove enamel	Stove enamel
Magnet Assembly Parts	Cadmium plate	Cadmium plate

* Depending on type of enclosure

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