

single rear horn loaded (scoop) bass enclosure

Application

This design is favoured for its punch, good efficiency, and low frequency extension. An H.F. unit can be added to the 12" and 15" versions to provide a full range cabinet. The 15" and particularly the 18" version are favourites with reggae bass guitarists. These are also suitable as the bass elements of a multi-way system.

Effective Volume

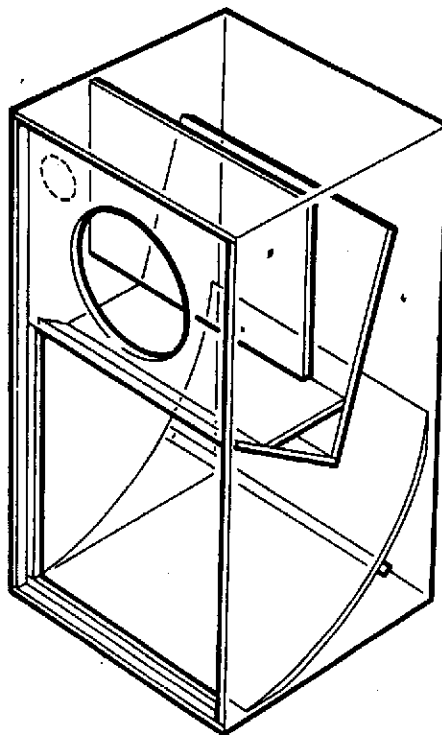
- 12" enclosure - 217 litres (7.6 cubic feet)
- 15" enclosure - 407 litres (14.4 cubic feet)
- 18" enclosure - 685 litres (24.2 cubic feet)

Loudspeakers

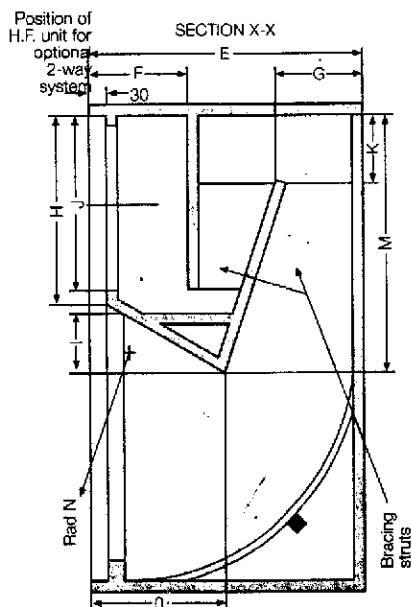
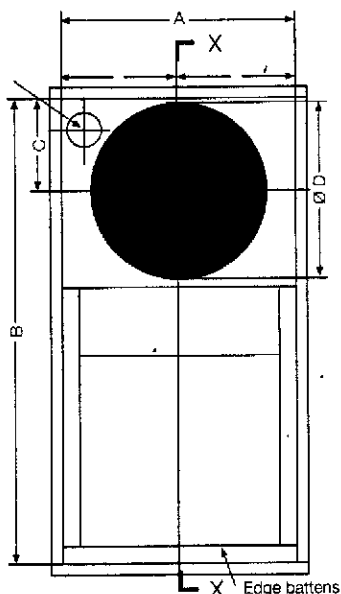
- 12" enclosure:
- ME 12/100LT full range cone driver
 - ME 12/100LE cone bass driver
 - ME 12/300 cone bass driver
 - PS 12/200 cone bass driver
 - PS 12/300
- optional: APT80 tweeters and pxi15k0 crossover

15" enclosure:

- ME 15/100 cone bass driver
 - ME 15/200 cone bass driver
 - ME 15/200 cone bass driver
 - ME 15/300LF cone bass driver
 - PS 15/300 cone bass driver
 - PS 15/500 cone bass driver
- optional: APT80 tweeter and pxi15k0 crossover



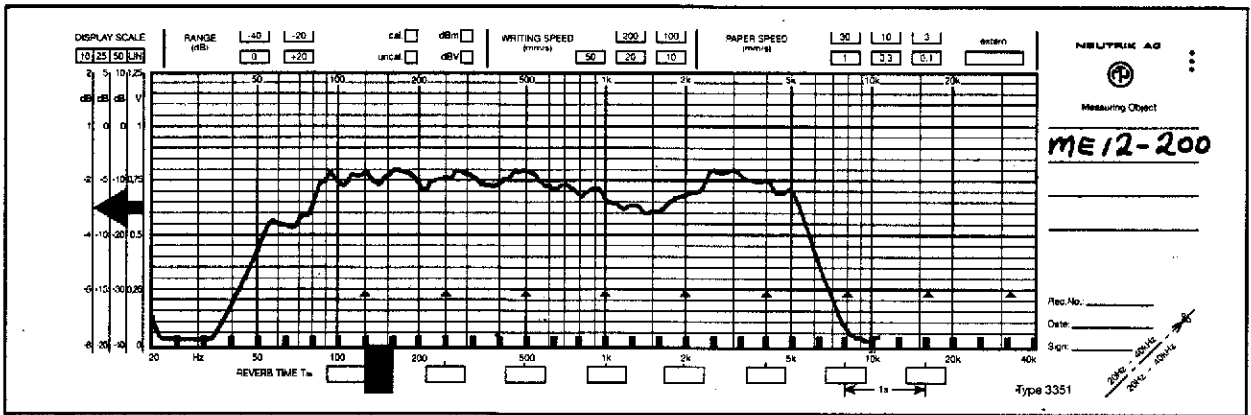
- 18" enclosure:
- PS 18/400 cone bass driver
 - PS 18/600 cone bass driver



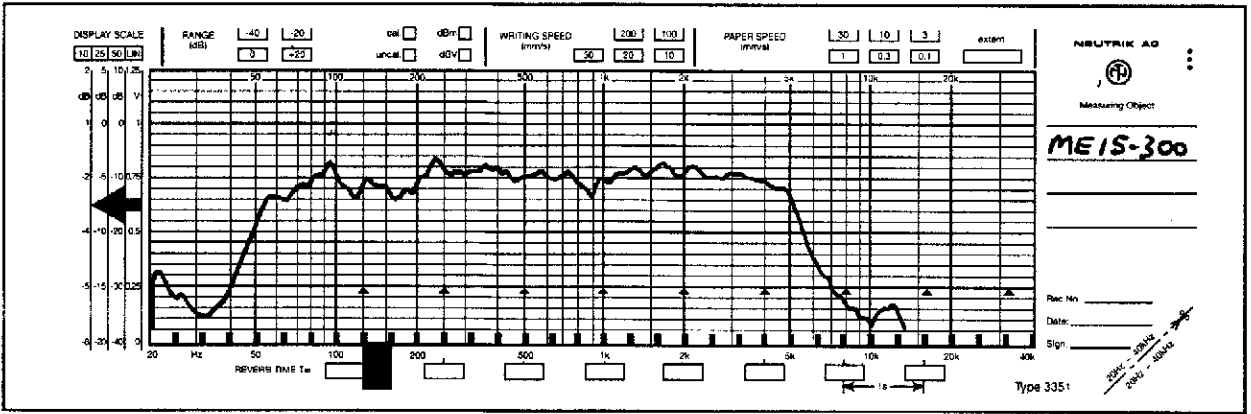
Sheet Material Requirements:

- 12" enclosure - 1,21 x 2,95 m (4.0' x 9.7')
- 15" enclosure - 1,21 x 3,65 m (4.0' x 12.0')
- 18" enclosure - 1,21 x 5,60 m (4.0' x 18.5')

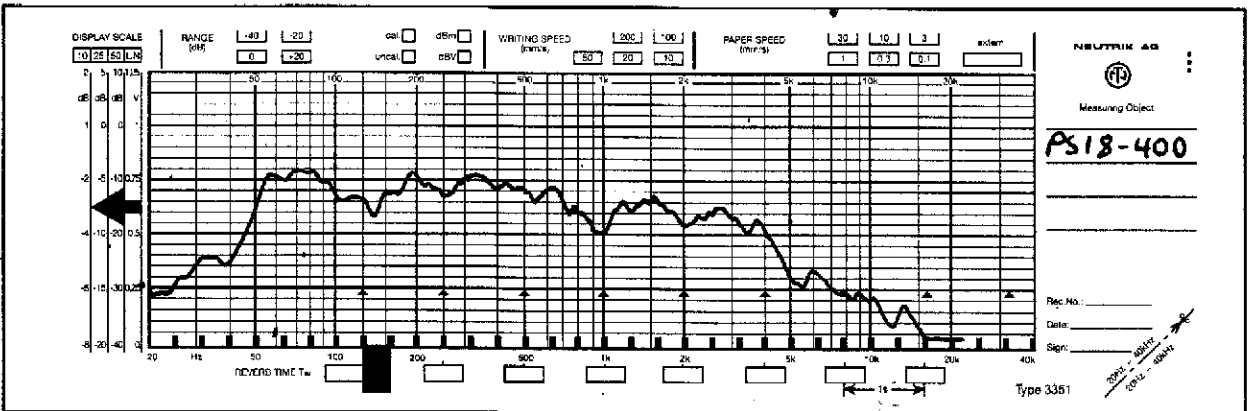
A	B	C	D	E	F	G	H	I	J	K	M	N	O
---	---	---	---	---	---	---	---	---	---	---	---	---	---



frequency response curve



frequency response curve



frequency response curve

2 x 15" rear horn loaded (scoop) bass enclosure

Application

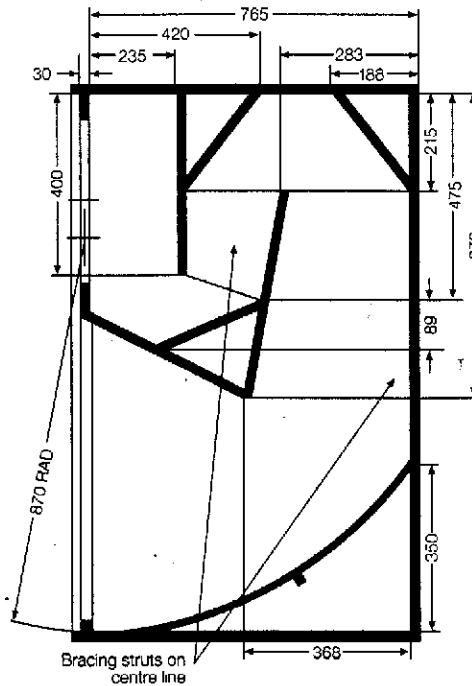
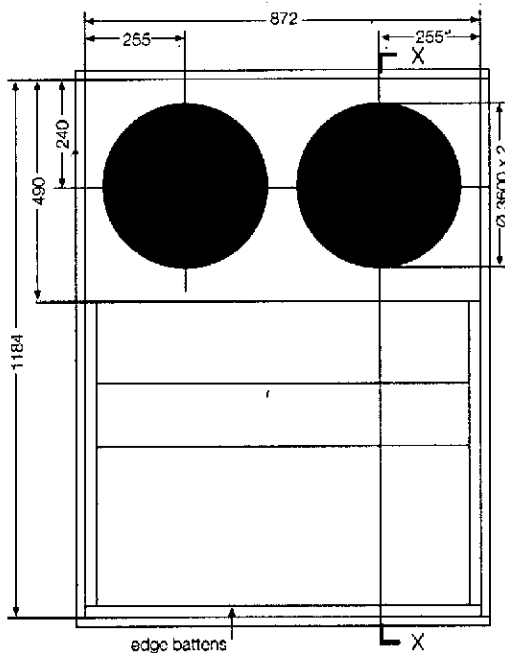
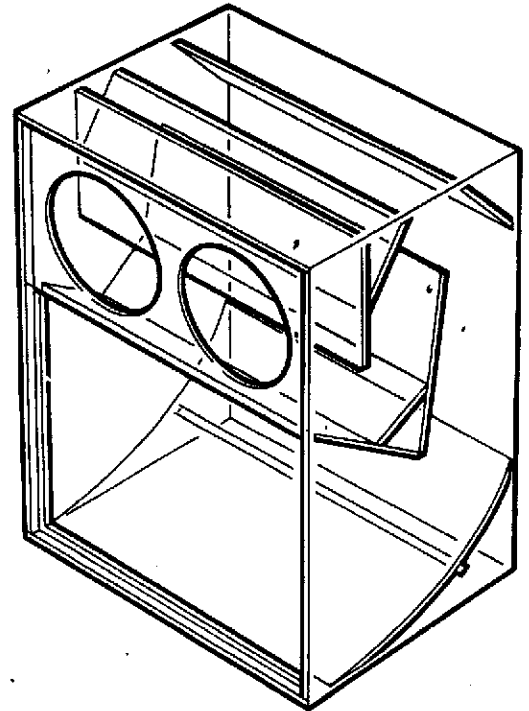
A larger rear horn loaded bass bin more suitable for fixed installations where punch and good efficiency are required. The cabinet requires supplementary mid and high enclosures to provide a full range system.

Effective Volume

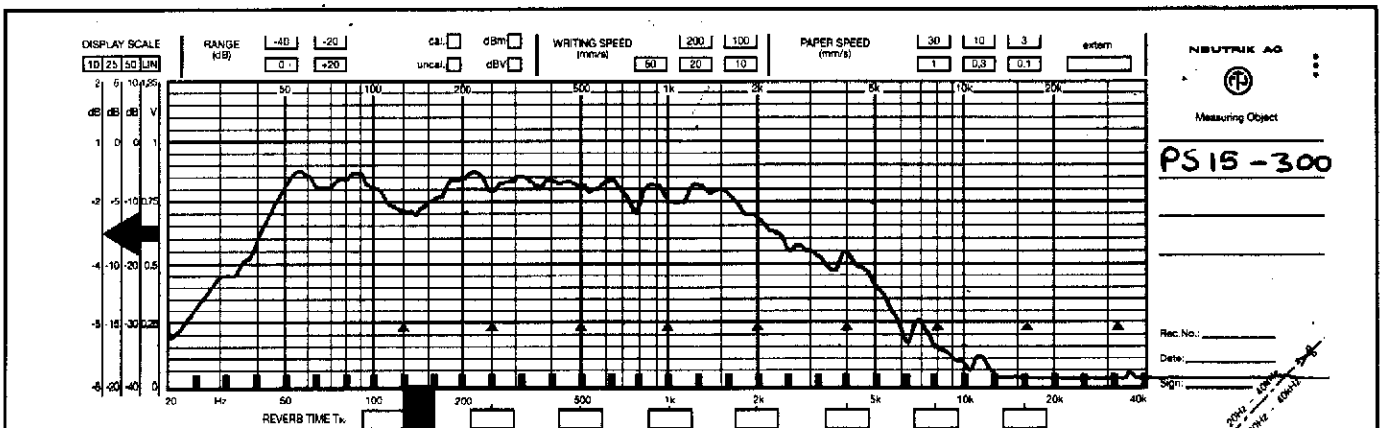
850 litres (30 cubic feet).

Loudspeakers

- 2 x ME 15/300 cone bass drivers
- 2 x ME 15/300LF cone bass drivers
- 2 x PS 15/200 cone bass drivers
- 2 x PS 15/300 cone bass drivers



Sheet Material Requirements:
1,21 x 6,65 m (4.0' x 22.0')



2 x 15" bass enclosure

Application

A dual driver, direct radiating reflex cabinet for use as the low frequency component of multiple cabinet sound reinforcement systems.

Cabinet Type

Bass reflex design.

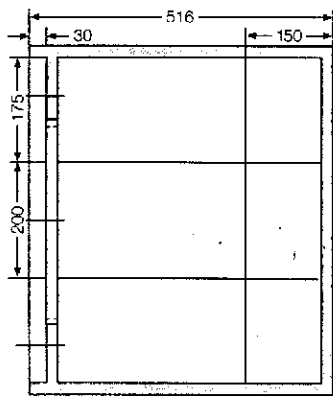
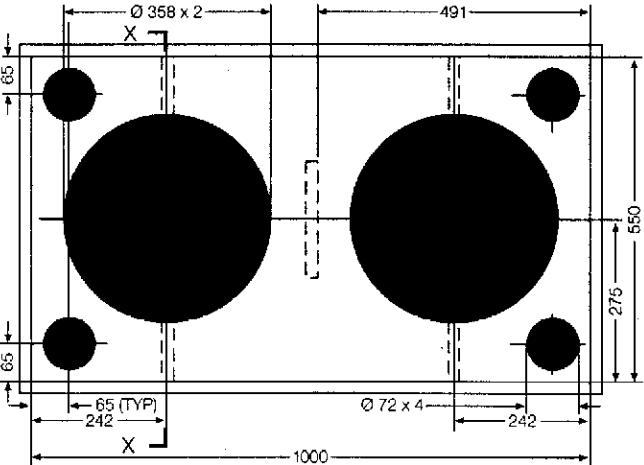
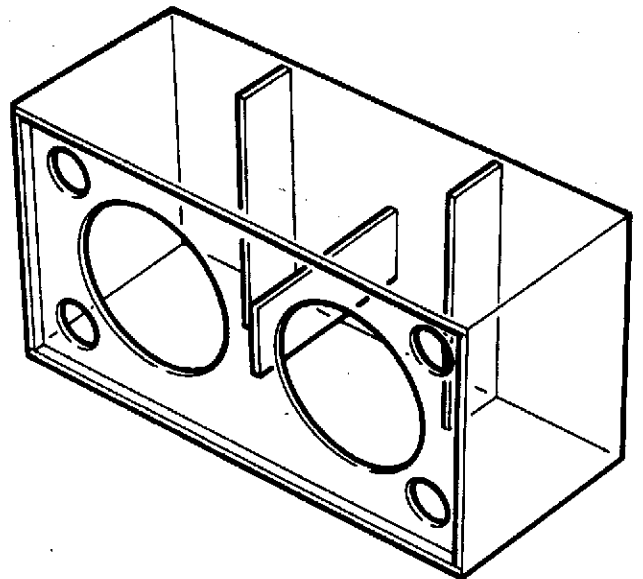
F_B = 40 Hz

Effective Volume

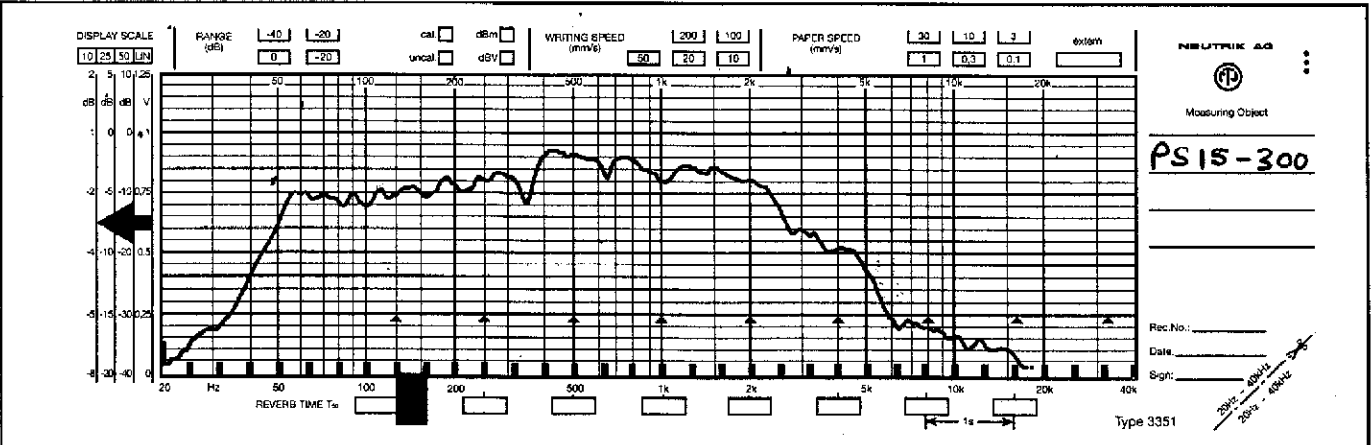
250 litres (8.8 cubic feet)

Loudspeakers

- 2 x ME 15/300 cone bass drivers
- 2 x ME 15/200LF cone bass drivers
- 2 x PS 15/300 cone bass drivers
- 2 x PS 15/500 cone bass drivers



Sheet Material Requirements:
1,21 x 3,0 m (4.0' x 10.0')



2 x 18" bass enclosure

Application

A dual driver, direct radiating reflex cabinet for use as the low frequency component of multiple cabinet sound reinforcement systems.

Cabinet Type

Bass reflex design.

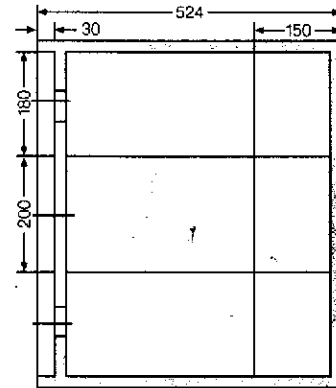
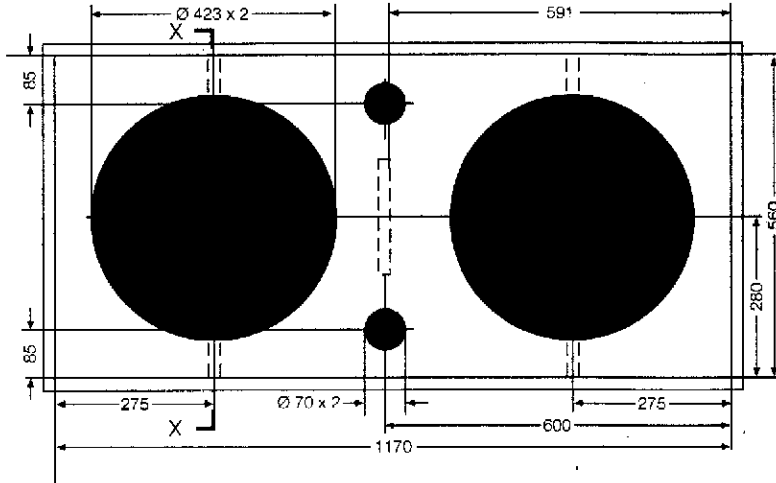
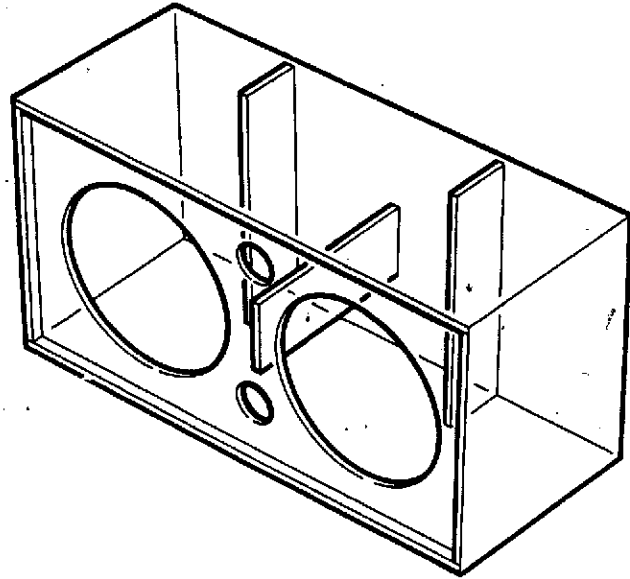
Effective Volume

300 litres (10.6 cubic feet)

Loudspeakers

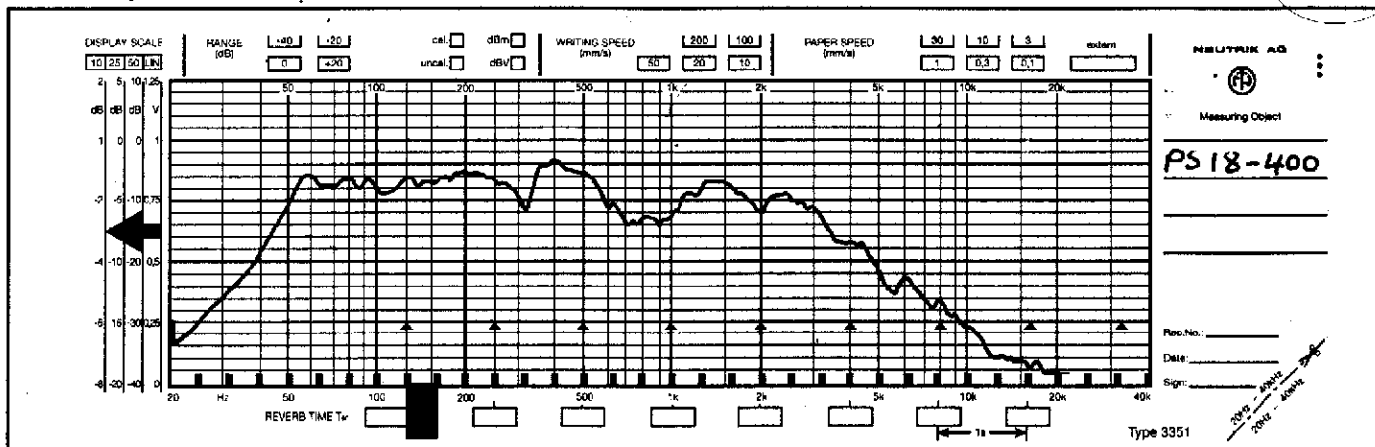
2 x PS 18/300 cone bass drivers

2 x PS 18/500 cone bass drivers



SECTION X-X

Sheet Material Requirements:
1,21 x 3,0 m (4,0' x 10,0')



2 x 15" folded horn ('w' bin) enclosure

Application

A dual driver low frequency cabinet with high efficiency suitable for all bass applications in multi-way systems. The design naturally cuts off at 500 Hz.

Cabinet Type

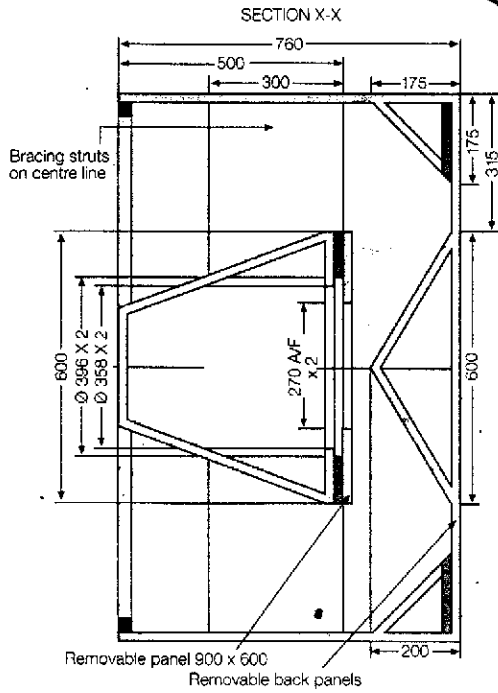
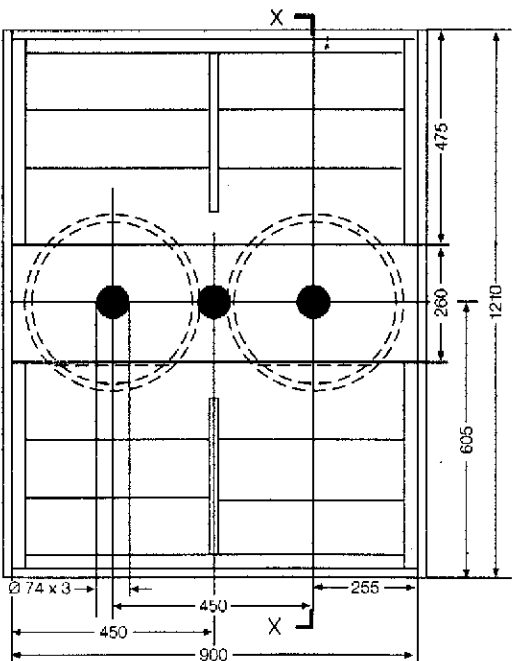
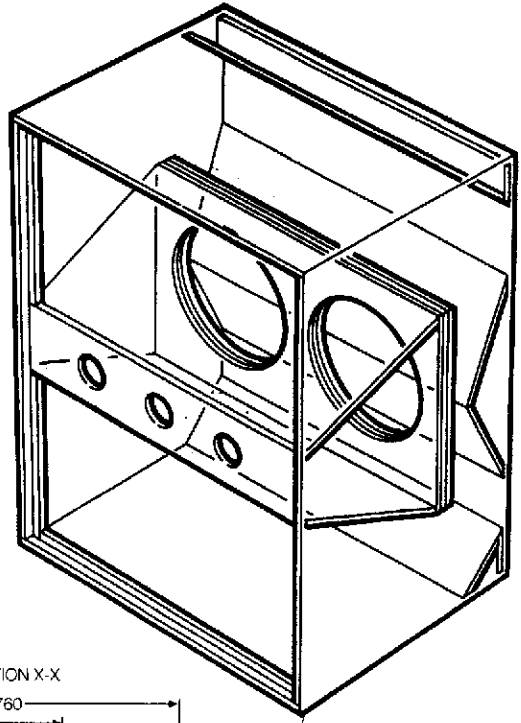
Folded horn design with bass reflex porting of loudspeaker compartment.

Effective Volume

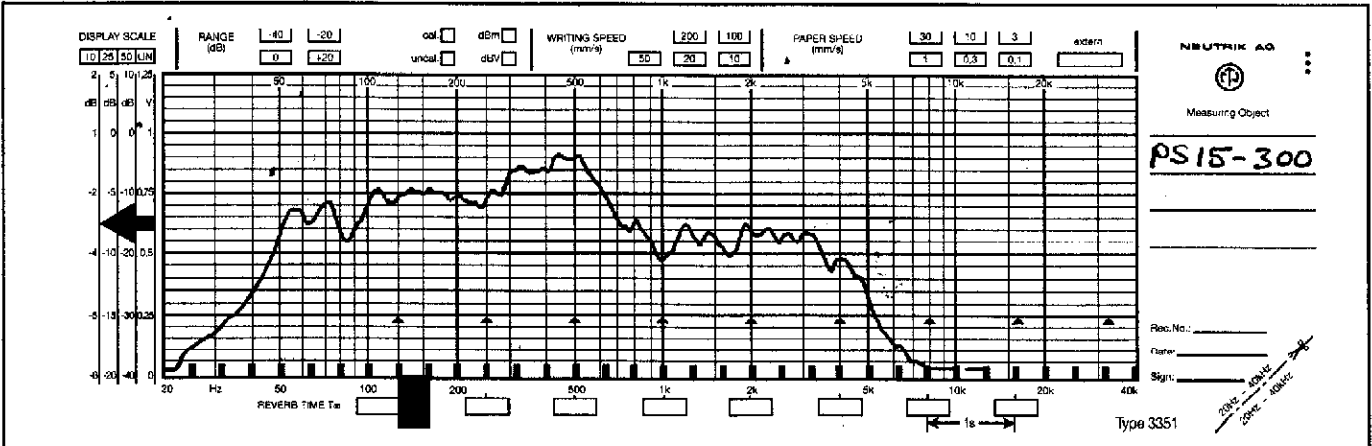
793 litres (28 cubic feet)

Loudspeakers

- 2 x ME 15/300 LF cone bass drivers
- 2 x PS 15/300 cone bass drivers
- 2 x PS 15/500 cone bass drivers



Sheet Material Requirements:
1,2 x 6,7 m (4.0' x 22.5')



1 x 18" folded horn ('w' bin) enclosure

Application

A powerful low frequency cabinet with high efficiency, suitable for all bass applications in multi-way sound systems. The design naturally cuts off at 500 Hz.

Cabinet Type

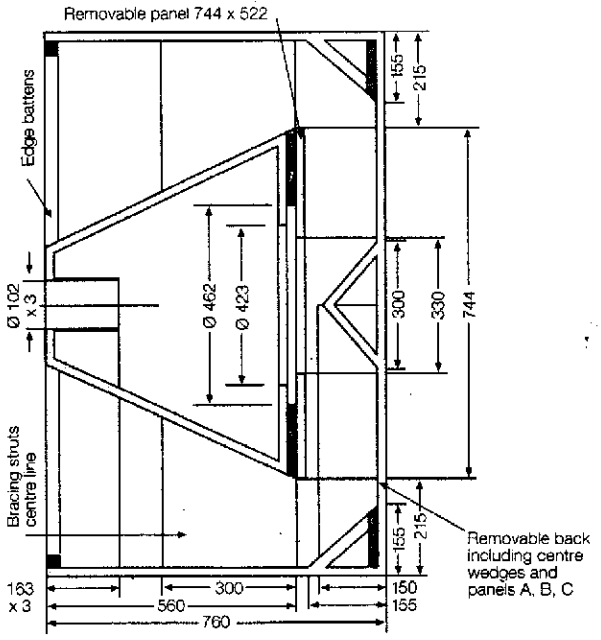
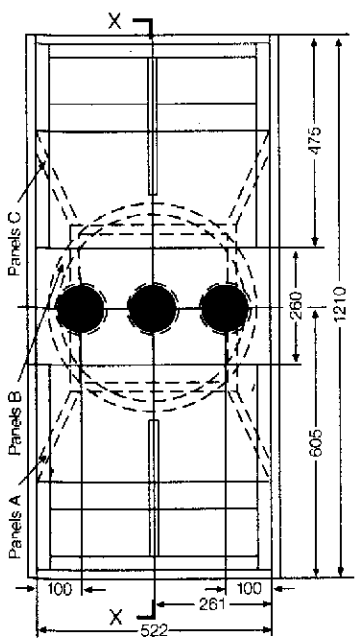
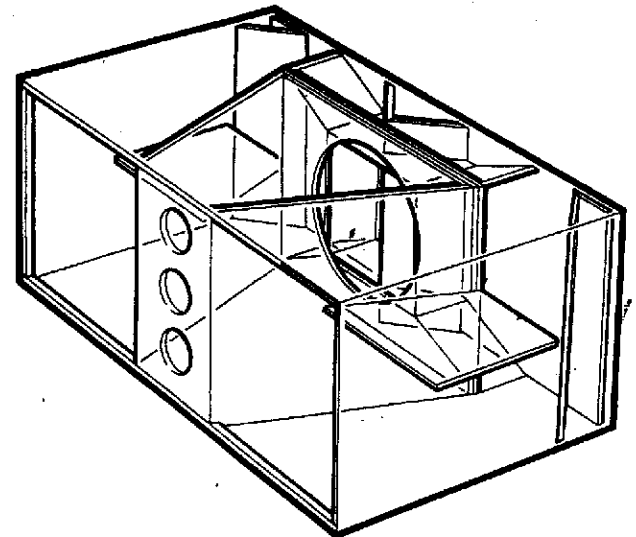
Folded horn design with bass reflex porting of loudspeaker compartment.

Effective Volume

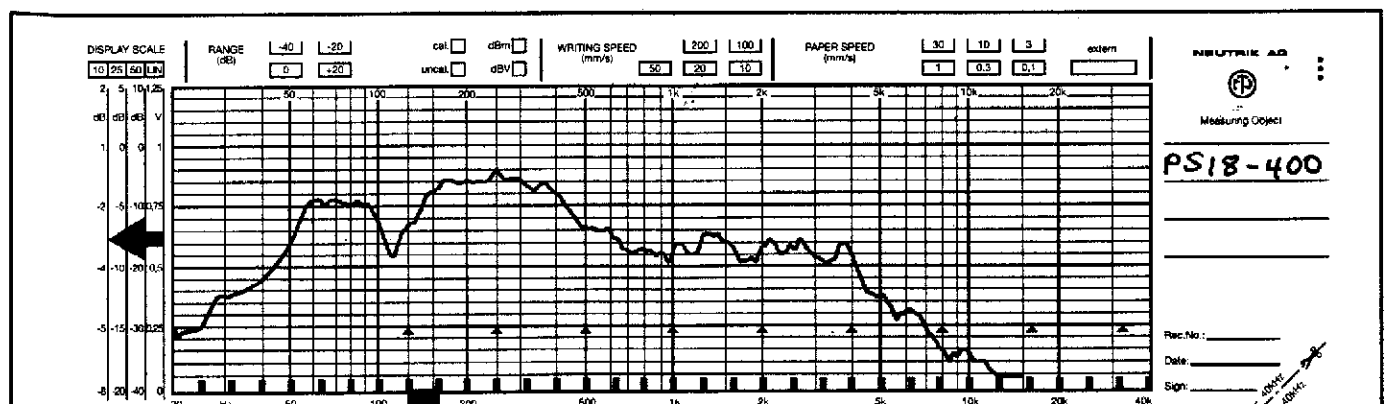
513 litres (18 cubic feet)

Loudspeakers

PS 18/300 cone bass driver
PS 18/500 cone bass driver



Sheet Material Requirements:
1,21 x 4,86 m (4.0' x 16.0')



NEUTRIK AD
Measuring Object
PS18-400
Rec.No.: _____
Date: _____
Sign: _____

1 x 18" folded horn enclosure

Application

A powerful low frequency cabinet with high efficiency suitable for all bass applications in multi-way sound systems. The design naturally cuts off at 500 Hz.

Cabinet Type

Compact folded horn design.

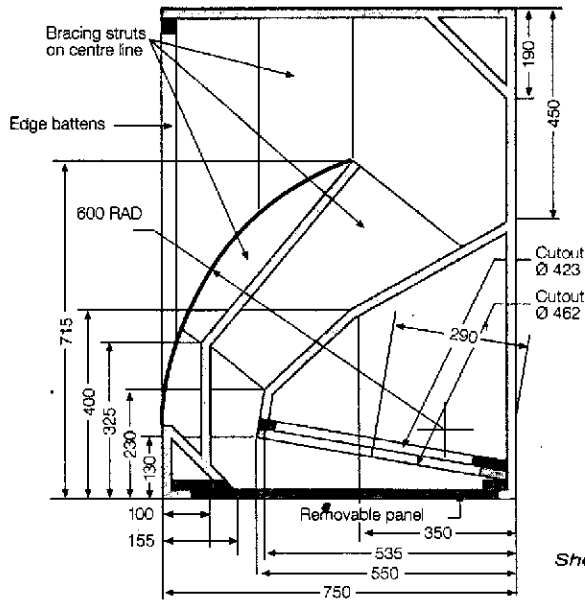
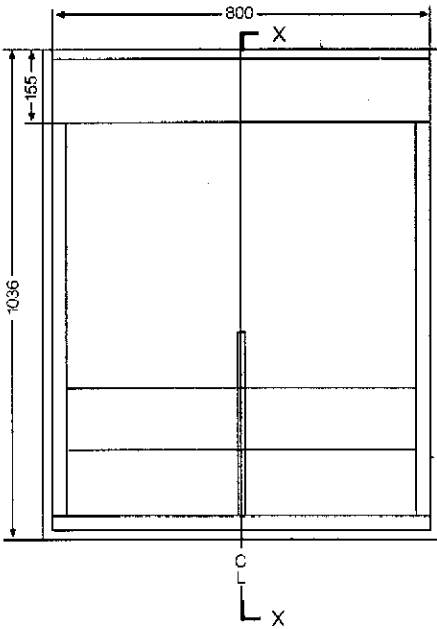
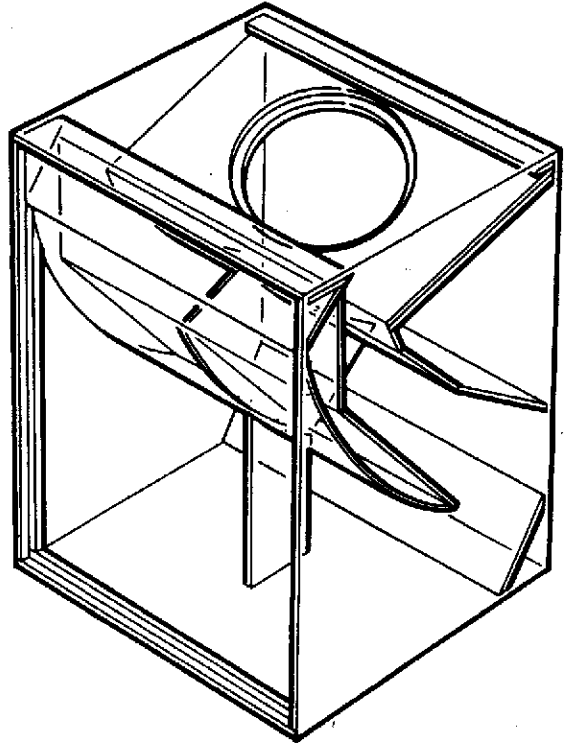
Effective Volume

649 litres (23 cubic feet)

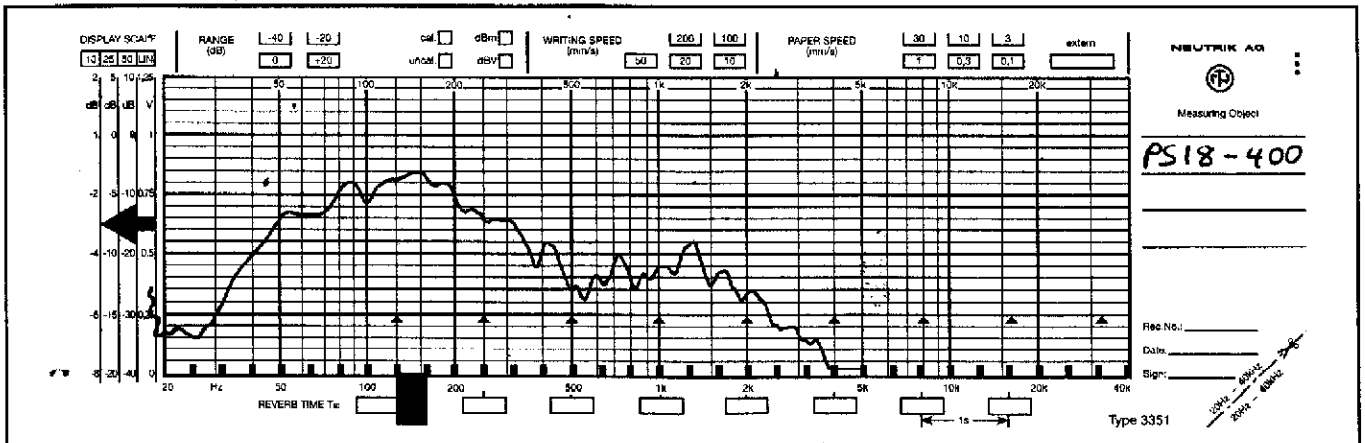
Loudspeakers

PS 18/400 cone bass driver

PS 18/600 cone bass driver



Sheet Material Requirements:
1,21 x 6,6 m (4.0' x 22.0')



2 x 12" bandpass enclosure

Application

This design is extremely efficient at the lowest frequencies, but also has the effect of reduced band width. The design is only suitable for sub-bass use up to a maximum of 280 Hz.

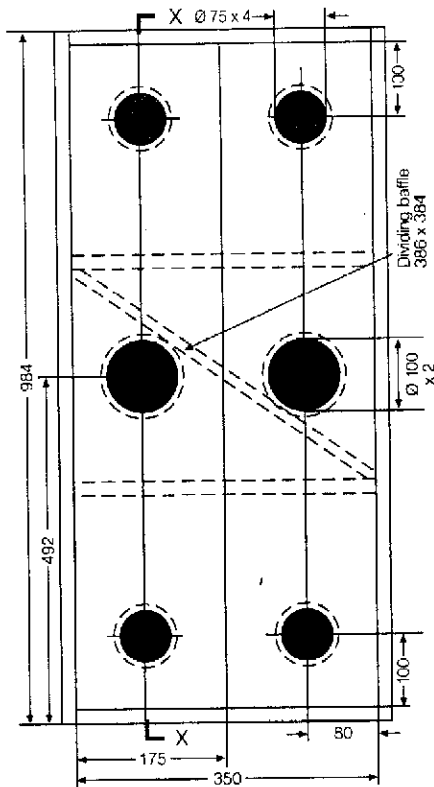
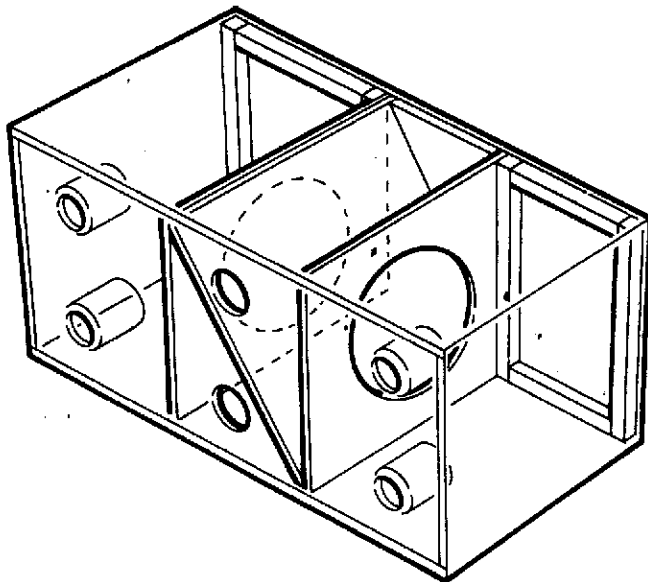
Left and right channels can be connected to a single sub-bass cabinet which, when utilised with satellite full range cabinets makes an excellent system.

Cabinet Type

3 chamber ported bandpass design.

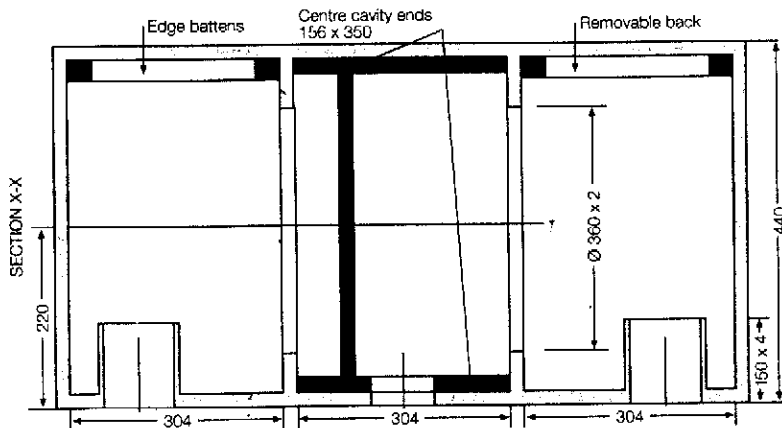
Effective Volume

142 litres (5 cubic feet)

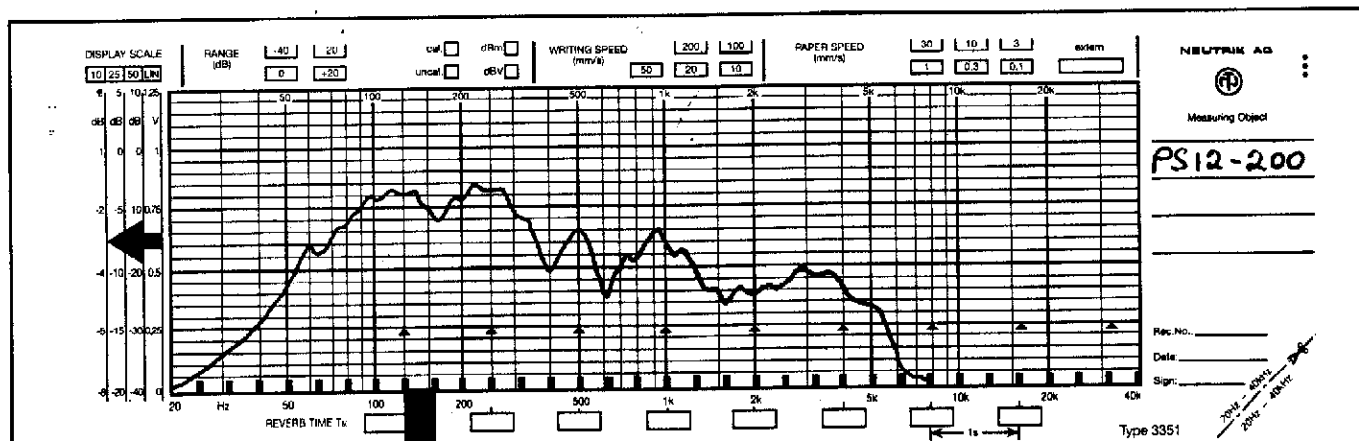


Loudspeakers

- | | |
|-----------------|---------|
| 2 x ME 12/100LE | A = 285 |
| 2 x ME 12/200 | A = 285 |
| 2 x ME 12/300 | A = 285 |
| 2 x PS 12/200 | A = 285 |
| 2 x PS 12/300 | A = 285 |



Sheet Material Requirements:
1,21 x 1,75 m (4.0' x 6.0')



2 x 15" bandpass enclosure

Application

This design is extremely efficient at the lowest frequencies, but also has the effect of reduced band width. The design is only suitable for sub-bass use up to a maximum of 280 Hz.

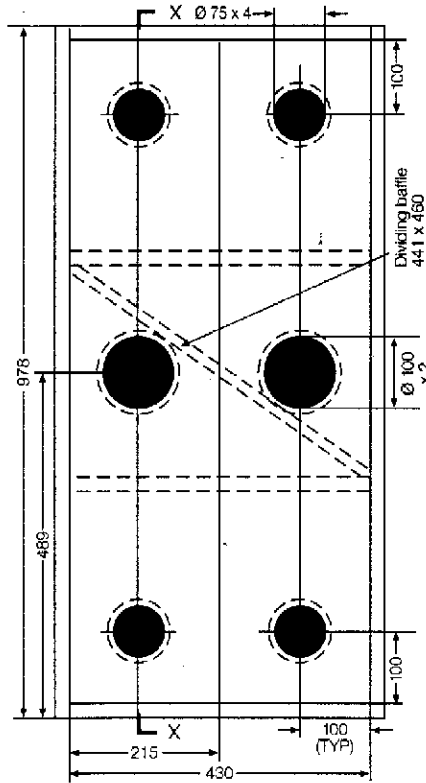
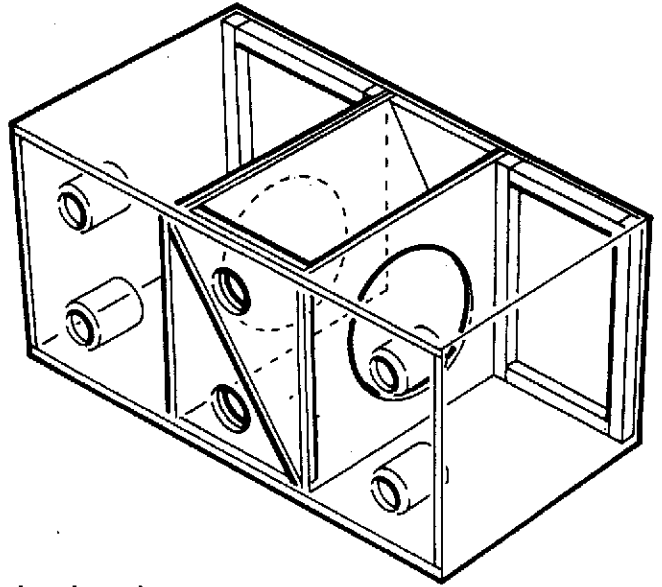
Left and right channels can be connected to a single sub-bass cabinet which, when utilised with satellite full range cabinets makes an excellent system.

Cabinet Type

3 chamber ported bandpass design

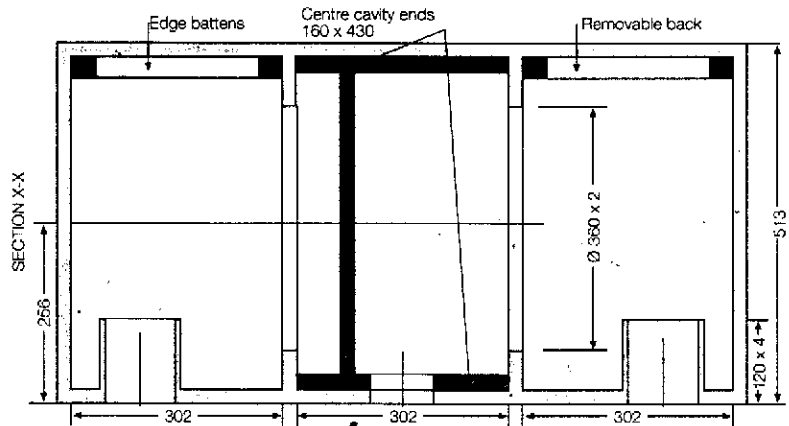
Effective Volume

200 litres (7 cubic feet)



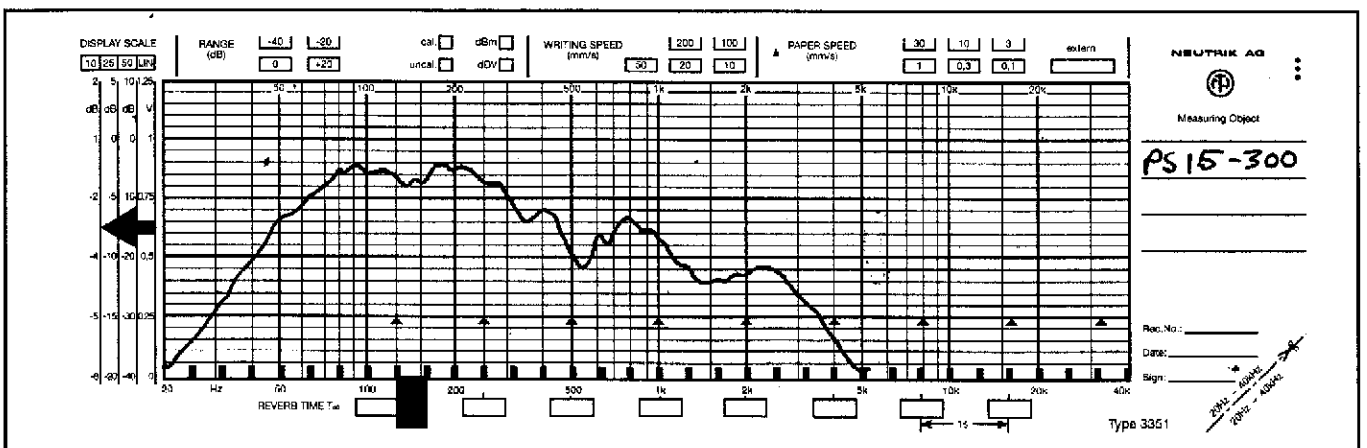
Loudspeakers

- 2 x ME 15/100 cone bass driver
- 2 x ME 15/200 cone bass driver
- 2 x ME 15/300 cone bass driver
- 2 x ME 15/300LF cone bass driver
- 2 x PS 15/300 cone bass driver
- 2 x PS 15/500 cone bass driver



Sheet Material Requirements:

1,21 x 2,86 m (4.0' x 10.0')



	A	B	C	D	E	F	G	H	I	J	K	M	N	O
12"	452	816	166	285	485	175	135	332	85	305	120	452	400	240
15"	565	1020	207	360	605	205	170	415	105	380	150	565	500	300
18"	678	1210	250	423	725	245	205	500	125	455	180	678	600	360