

Diseño de gabinetes acústicos

By DEPARTAMENTO TECNICO, Audio Sudamericana
Madariaga 6939
Capital Federal
+5411-46051696



Box Properties

--Description--

Name: REFLECTORA DE BAJOS FRONTAL

Type: Vented Box

Shape: Prism, square (optimum)

Company: AUDIO SUDAMERICANA

Comment: APLICACION SUGERIDA

--Box Parameters--

Vb = 155 liters

V(total) = 166.8 liters

Fb = 42 Hz

QL = 6.642

F3 = 41.51 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = other

Vent ends = one flush

Av = 430.6 sq.cm

Lv = 258 mm

Driver Properties

--Description--

Name: AV 1805

Type: Standard one-way driver

Company: AMERICAN VOX

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 33.95 Hz

Qms = 9.87

Vas = 227 liters

Cms = 0.11 mm/N

Mms = 194.5 g

Rms = 4.318 kg/s

Xmax = 8 mm

Xmech = 16 mm

P-Dia = 391.8 mm

Sd = 1205 sq.cm

P-Vd = 0.964 liters

--Electrical Parameters--

Qes = 0.317

Re = 5.5 ohms

BL = 26.8 Tm

Pe = 700 watts

--Electromech. Parameters--

Qts = 0.307

no = 2.7 %

1-W SPL = 96.46 dB

2.83-V SPL = 98.09 dB

Wiring Diagram







