



Box Properties

--Description--

Name: TC Sounds LMS-Ultra 5400 18"

Type: Vented Box

Shape: Prism, square

Company: TC Sounds

--Box Parameters--

Vb = 3.523 cu.ft

V(total) = 4.629 cu.ft

Fb = 22.55 Hz

QL = 6.454

F3 = 32.36 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 12 in

Lv = 34.01 in

Driver Properties

--Description--

Name: TC Sounds LMS-Ultra 5400 18"

Type: Standard one-way driver

Company: TC Sounds

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 20 Hz

Qms = 7.6

Vas = 240 liters

Cms = 0.12 mm/N

Mms = 501.3 g

Rms = 8.726 kg/s

Xmax = 33.6 mm

Xmech = 47.6 mm

P-Dia = 390 mm

Sd = 1187 sq.cm

P-Vd = 3.987 liters

--Electrical Parameters--

Qes = 0.34

Re = 3.78 ohms

Le = 1.96 mH

Z = 4 ohms

BL = 26.8 Tm

Pe = 2000 watts

--Electromech. Parameters--

Qts = 0.33

no = 0.544 %

1-W SPL = 89.7 dB

2.83-V SPL = 92.96 dB



Wiring Diagram







