



Box Properties

--Description--

Name: TC Sounds LMS-Ultra 5400 18"

Type: Vented Box

Shape: Prism, square

Company: TC Sounds

--Box Parameters--

Vb = 3.347 cu.ft

V(total) = 3.395 cu.ft

Fb = 22.86 Hz

QL = 6.492

F3 = 19.29 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flared

Dv = 3 in

Lv = 8.833 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 = 120 mm/N

Mms = 501 g

Rms = 0.00873 kg/s

Xmax = 31.73 mm

Xmech = 47.6 mm

P-Dia = 390 mm

Sd = 37.53 sq.cm

P-Vd = 0.119 liters

--Electrical Parameters--

Qes = 0.34

Re = 3.78 ohms

Le = 3.4 mH

Z = 4 ohms

BL = 26.8 Tm

Pe = 2000 watts

--Electromech. Parameters--

Qts = 0.325

no = 0.57 %

1-W SPL = 89.7 dB

2.83-V SPL = 92.96 dB



Wiring Diagram







