

32 cm Subwoofer

32W/4878T05



T-S Parameters:

Resonance frequency [fs]	17 Hz
Mechanical Q factor [Qms]	7
Electrical Q factor [Qes]	0.33
Total Q factor [Qts]	0.32
Force factor [Bl]	12.5 Tm
Mechanical resistance [Rms]	2.42 kg/s
Moving mass [Mms]	165 g
Compliance [Cms]	0.52 mm/N
Effective diaph. diameter [D]	260 mm
Effective piston area [Sd]	526 cm ²
Equivalent volume [Vas]	180 l
Sensitivity (2,83V/1m)	89 dB

Mechanical Data:

Voice coil diameter	75 mm
Voice coil height	36 mm
Voice coil layers	2
Gap height	8 mm
Linear excursion	± 14 mm
Max mech. excursion	± 28 mm
Unit weight	7.5 kg
Cabinet Displacement Volume	2.65 l

Electrical Data:

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4 Ω
Maximum impedance [Zo]	69 Ω
DC resistance [Re]	3.1 Ω
Voice coil inductance [Le]	0.5 mH

Power Handling:

100h RMS noise test (IEC 18.4)	200 W
Long-term max power (IEC 18.2)	550 W
X-over:	None

Key Features:

- Paper sandwich cone with patented foam filling
- Extreme long linear excursion (+/-14mm)
- Patented Symmetrical Drive motor
- 3" Voice coil, Titanium former, paper reinforced
- Large dustcap w. logo
- Stiff robust die cast alu chassis

Recommendations (please see Tech Note):

- Operating frequency range: fs-1000 Hz
- Cabinet volume - closed box: Vbox=59 ltr, f(-3dB)=34 Hz
- Cabinet volume - vented box: Vbox=114 ltr, fb=20 Hz, f(-3dB)=21 Hz

