



phl audio

3440

10"

E

Fe



DESCRIPTION

Lorem ipsum dolor sit amet consectetur
adipiscing elit sed do eiusmod tempor incididunt ut
Labore et dolore magna aliquam
Ut enim ad minim veniam

MAIN PARAMETERS

Rated Impedance	8 Ohm
Power Handling Capacity	60-3000 Hz
Reference efficiency	(1W@1m) 98 dB SPL
SPL max (continuous)	250 W AES
Usable frequency range	118 dB SPL
Voice coil Ø	2,5 inch
Environmental withstanding	Outdoor

Low Midrange Driver



3440

ARCHITECTURE

TYPICAL CHARACTERISTICS

Rated impedance	Z	8,00	W
Half space sensitivity (1W@1m)	-	98	dB SPL
Usable freq. range	-	60-3000	Hz
Power handling capacity (AES)	-	250	W
Max Sound Pressure Level	SPLmax	118	dB SPL
Coverage angle	a		°
Min. impedance modulus	Zmin	10.3@300	W@Hz
Voice-coil inductance @ 1kHz	Le ^{1k}	1,32	mH
Voice-coil inductance @ 10kHz	Le ^{10k}	0,78	mH
BL product	BL	19,8	N/A
Moving mass	Mms	0,035	kg

THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS)

Resonance frequency	Fs	61(±8)	Hz
DC Resistance	Re	9.6(±1.0)	W
Mechanical quality factor	Qms	4,5	1
Electrical quality factor	Qes	0,33	1
Total quality factor	Qts	0,31	1
Suspension compliance	Cms	200	10-6.m/N
Effective piston area	Sd	0,0356	m ²
Equivalent Cas air load	Vas	0,035	m ³
Max linear excursion	Xmax	4,5	mm
Linear displacement volume	Vd	0,16	10-3.m ³
Reference efficiency	h ⁰	2,3	%
Unity load volume	Vas.Qts ²	3,2	10-3.m ³

ABSOLUTE MAXIMUM RATINGS

Short term max. input voltage	Vmax	125	V
Max.excursion before damage	Xdam	12	±mm
Lowest rec. X-over frequency	-		Hz
Ambient operating temperature	Ta	-10 to +50	°C
Storage temperature	-	-20 to +70	°C
Environmental withstanding	-	Outdoor	-

APPLICATION INFORMATION

Air volume occupied by the driver	-	1,5	10-3.m ³
Speaker net mass	-	5,84	kg
Rec. 2 nd order passive X-over	C/L		mF/mH
Recommended reflex box	Vb/Fb	20L / 70Hz	Lts/Hz
Electrical connexion			

