

# vifa

## Type Number: OX20SC00-04

## Features:

<sup>3</sup>/<sub>4</sub>" Tweeter

OX

In this tweeter design, the audio engineers have reinvented the traditional dome tweeter yet again. Based on the knowledge obtained from work on the Vifa XT series, the R&D team has combined a traditional dome design with the large surround of the XT. This results in a tweeter that has a very good dispersion and low distortion due to the improved control of the diaphragm.

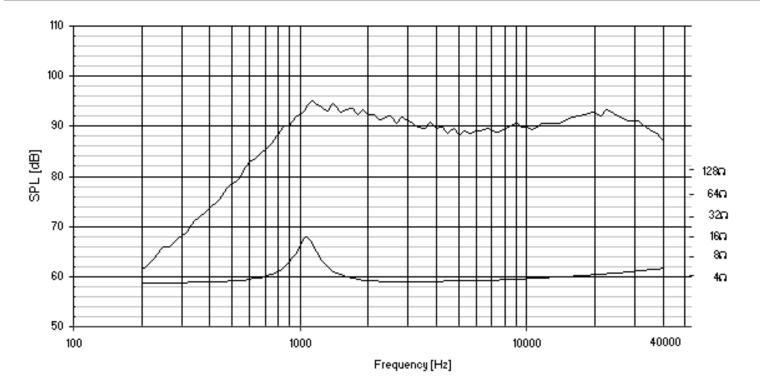
Driver Highlights: Dome tweeter; fabric diaphragm; high sensitivity; a back chamber on the neodymium driver that lowers Fs for improved flexibility and performance when combined in a design with small woofers; improved airflow for lower compression, which improves the dynamic range of the tweeter; lower Qts for reduced distortion; improved cooling due to internal ventilation

#### Specs:

Electrical Data			
Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.97	ohm
Maximum impedance	Zo	15.5	ohm
DC resistance	Re	3.2	ohm
Voice coil inductance	Le	4.1	mΗ
T-S Parameters			
Resonance Frequency	fs	1060	Hz
Mechanical Q factor	Qms	7.72	
Electrical Q factor	Qes	1.7	
Total Q factor	Qts	1.39	
Force factor	BI	1.5	Tm
Mechanical resistance	Rms	0.15	Kg/s
Moving mass	Mms	0.2	g
Suspension compliance	Cms	0.13	mm/N
Effective cone diameter	D	2.4	cm
Effective piston area	Sd	4.5	cm <sup>2</sup>
Equivalent volume	Vas	0.004	ltrs
Sensitivity (2.83V/1m)		91.1	dB
Ratio BL/√(Re)		0.8	

Notes: IEC specs refer to IEC 60268-5 third edition. All Tymphany products are RoHS compliant.

# Frequency: OX20SC00-04



## Mechanical Dimensions:OX20SC00-04

