

OW 4

*High End
20mm (3/4") Soft Dome Tweeter
"the Platinum dome"
by Hiquphon*

OW 4 is a soft dome tweeter (3/4") offering a unique analytic capability and high sensitivity. A very musical dome tweeter!

Very fast responding (settling), analytical and matched to secure excellent stereo perspective.

Excellent for use in high-end 3-way loudspeaker systems in general. Also a great choice for 2-way loudspeaker systems using broadbanded mid-bass drivers matching the quality of the tweeter.

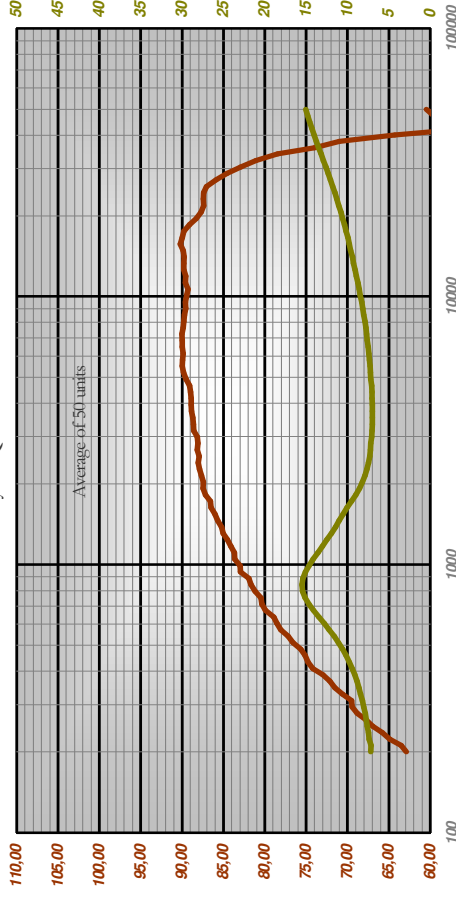
OW 4 was designed mainly for use in private home loudspeakers

Average acoustical data			
Nominal sensitivity SPL (1W/1m)	dB	90	
Recommended frequency range *	kHz	2,5 - 22	
Frequency range 90 dB -1 dB	kHz	4 - 19	
Frequency range 90 dB -3 dB	kHz	1,8 - 25	
Nominal resonance frequency Fs +/-10%	Hz	850	
Nominal impedance (at 9 kHz)	ohm	8	
Minimum impedance (at ~ 3.8 kHz)	ohm	7.0	
DC resistance (at 0 Hz)	ohm	6.4	
Peak impedance +/- 10% at Fs	ohm	15	
Voice coil inductance	mH	0.03	
Rated power *	Watt	100	
THD + N at 1W sinus / 2.5-22 kHz	%	<0.15	
Acoustical center relative to front	mm	-11.3	
Dome diaphragm diameter nominal	mm	20	
Voice coil diameter nominal	mm	20	
Voice coil winding height	mm	3	
Air gap height	mm	1.2	
Peak - peak movement max recomm.	mm	1.8	
Flux gap density	Tesla	1.4	
Effective cone area	mm ²	380	
Dynamic moving mass	mg	175	
Measuring conditions: Temp / humidity	°C&%RH	20 / 50	
*) Using crossover with 12 dB or higher			
Mechanical data			
Diameter flange (all over)	mm	94	
All over height of unit	mm	41.5	
Diameter body (Box hole: add 1 mm)	mm	68	
Thickness flange	mm	3.7	
3 screw holes on dividing circle dia.	mm	82.2	
Diameter screw holes, countersunk	mm	4.3	
Leads dimension max accepted	mm	2.5	
Color chassis, standard	#	black	
Color of dome diaphragm	#	Platin	
Gross weight	kg	0.36	

Spl (dB @ 1W/1m)

The Platinum dome - OW 4 - to music with love...

by HIQUPHON



Special features OW 4:

- Featuring "Platinum" dome for unique design
 - Excellent frequency linearity 3 – 20 kHz and excellent phase linearity
 - Smooth roll-off at low and high frequencies
 - Low and well damped resonance frequency
 - Well controlled damped low frequency response, soft raising
 - Very broad-banded (2 kHz to 22 kHz, nominal –3 dB)
 - Fast transient response
 - Very low distortion
 - A-periodic damped moving system
 - Exponential phase-correction, semi horn-loaded
 - Saturated rounded magnet gap for low magnetic distortion
 - Perfect sealed housing
 - Heavy duty connectors for 2.5 mm lead wire, non-vibrating
 - Large soldering joints using large-surface copper plated PCB inside
 - Shock absorbing construction
 - Selected as **matched pairs** within **0,5 dB between 2 kHz—20 kHz**
 - Original data curves supplied as part of the package
 - Packed as two-in-a-box with original curves included, ready for resale.
 - Beautiful sound capabilities
 - Please observe that this tweeter is NOT magnetic shielded!
- ♥ *to music with love...*