



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.

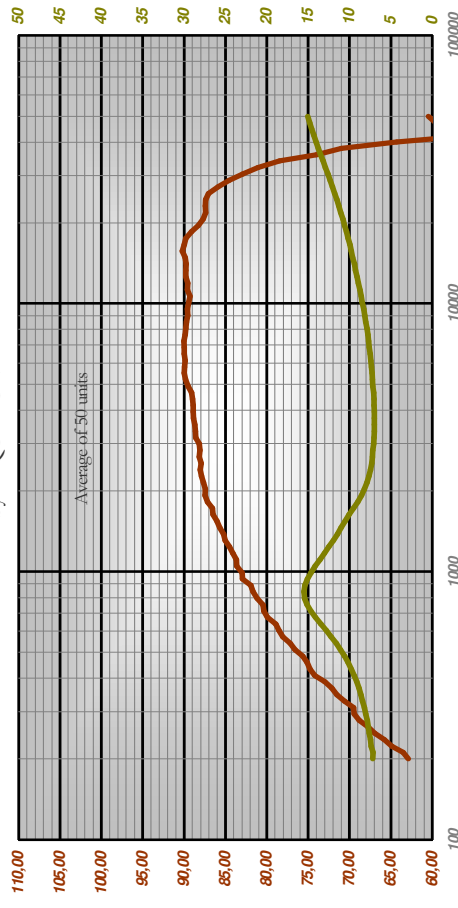
Excellent for use in high-end 3-way loudspeaker systems in general. Also a great choice for 2-way loudspeaker systems using broad-banded mid-bass drivers matching the quality of the tweeter.

OW 4 was designed mainly for use in private home loudspeakers

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

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...*