

You are here: [ACCUTON](#) > [products](#) > [ceramic drivers](#) > C<sup>2</sup>95-T6

[« back](#)

[» ceramic drivers](#)  
[» diamond drivers](#)  
[» special offers](#)

ceramic drivers - carefully made in Germany by Thiel & Partner GmbH, D-50259 Pulheim

## ACCUTON C<sup>2</sup>95-T6

item number: #C95-T6/38/16/2-6F120/34-R32



Bass-midrange driver with 130 mm light weight concave ceramic dome, high loss rubber surround and titanium voice coil former. Made without ears for high excursion. Perfect choice for 2-way systems as bass-midrange driver or high quality 3-way systems as bass unit. Very high resolution and very good dispersion up to 3 kHz. Low resonance frequency allows first order filtering and a crossover frequency as high as 3000 Hz.

The ultra hard ceramic dome material moves like a piston well above the audible frequency band and the high internal sound velocity features very low distortion and virtually no coloration.

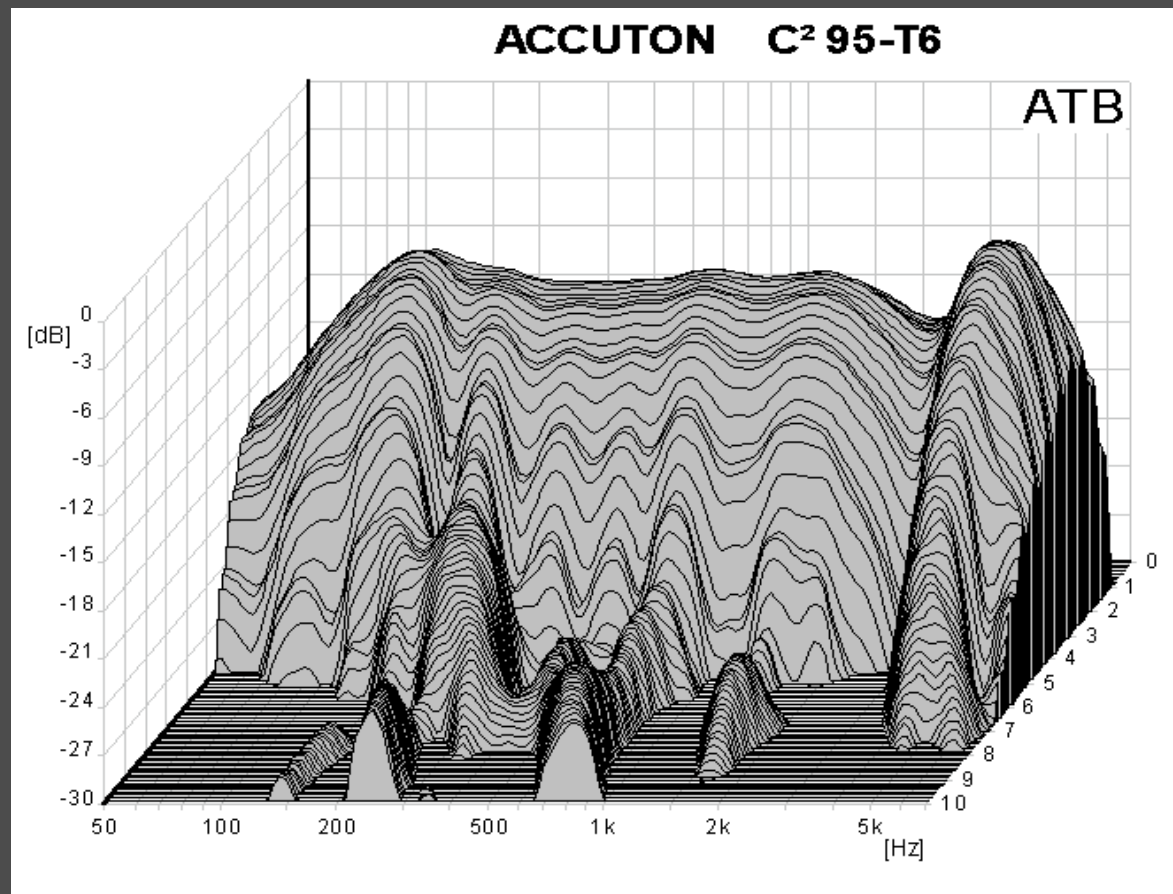


**recommended frequency range: 32 Hz - 3 kHz**

**recommended enclosure: 9 - 19 l vented enclosure**

Thiele/Small Parameters:			
sensitivity	E	89.1	dB
DC-resistance	R	5.9	Ohm
resonance frequency	fres	32	Hz
equivalent vol. of air	Vas	34.2	l
mechanical Q	Qms	4.0	
electrical Q	Qes	0.30	
total Q	Qts	0.279	
effective piston area	S	133	cm <sup>2</sup>
moving mass	Mms	17.5	g
suspension compl.	Cms	1.36	mm/N
mechanical resistance	Rms	0.914	kg/s <sup>-1</sup>

Voice coil / Magnet Data:			
power handling	P	130	Watt
voice coil diameter	D	38	mm
voice coil former		Ti	
voice coil height	h	16	mm
number of layers		2	
voice coil inductance	Lbm	0.71	mH
pole plate thickness		6.0	mm
linear excursion	Xmax	±5.0	mm
flux density	B	1.2	T
force factor	BL	8.32	NA <sup>-1</sup>
ferrofluid filling		no	



Mechanical Dimensions:		
Outer Dimensions	180	mm
Cutout Dimensions	148	mm
Frontplate Thickness	5,0	mm
Overall Depth	108	mm
Mounting hole diameter	4.5	mm
Mounting hole circle	168	mm

Shipping information:		
net weight / piece	2450	g
gross weight / pair	5.0	kg
box size / pair	19 x 19 x 30	cm
quantity shipping unit	12	pcs
weight shipping unit	31.5	kg
size shipping unit	60 x 40.5 x 32	cm

### Click below for more technical information:

#### » [C²95-T6 ATB measurements - PDF-17 KByte](#)

opens a PDF file with ATB measurements of amplitude, on axis and 30 degrees, impedance, step response, K2 and K3 distortion. Measurements made by Bernhard Thiel with IEC norm baffle. You will need Adobe Acrobat 4.0 to view this file.

#### » [C²95-T6 MLSSA measurements - 24 KByte](#)

opens new page with MLSSA measurements made by Dipl.Ing. Bernd Timmermanns, former chief editor of "Klang & Ton", now chief editor of "Hobby Hifi", the German speaker builder magazine. Measurements include amplitude (SPL), impedance, step response and spectral decay plot (waterfall diagram).

#### » [C²95-T6 - 14 l vented box simulation - PDF-38 KByte](#)

opens a PDF file with an enclosure simulation made with BassBoxPro. You will need Adobe Acrobat Reader 4.0 to view this file.

#### » [C²95-T6 technical drawing - PDF-65 KByte](#)

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[TOP](#)