

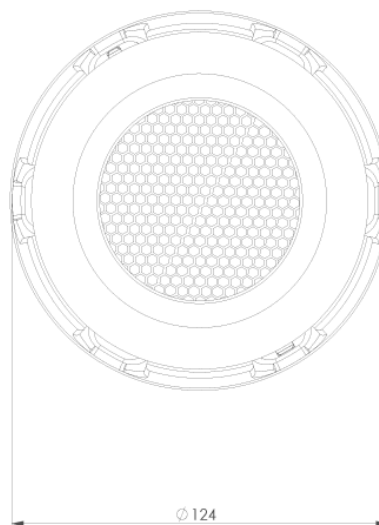
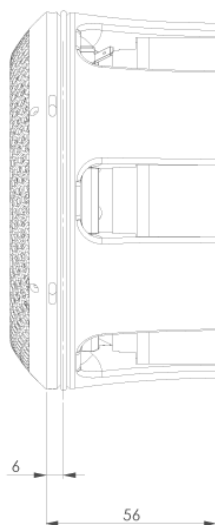


C90-6-724 CELL

CERAMIC MIDRANGE

The **C90-6-724** is a 5 inch bass - midrange driver with **CERAMIC DOME**, being the first in an entirely new approach to accuton speaker design. An ideal acoustical center has been achieved, which is identical with our tweeters. Its novel designed underhung motor does not cover the backside of the dome, eliminating the chance for reflections and energy storage. A proprietary clamping technique provides easy mounting and adapting to individual frontplates. The low loss rubber surround and a thin fabric spider center the moving parts with high linearity.

We recommend our **C90-6-724** for an application from 150 Hz – 6000 Hz.



recommended
cutout diameter:
124.4 -0/+0.1

DOME MATERIAL	CERAMIC
APPLICATION	MIDRANGE
OVERALL DIAMETER	124 MM
CUTOUT DIAMETER	124.4 MM
OVERALL DEPTH	56 MM
MOTOR ASSEMBLY DEPTH	--
MOTOR ASSEMBLY DIAMETER	--

MAIN FEATURES

full featured cell concept
ideal acoustical center
no reflections at the backside
Underhung motor design

MECHANICAL DATA

Specification	Value	Unit
Overall diameter	124	mm
Cutout diameter	124.4	mm
Min. frontplate thickness	8	mm
Overall depth	56	mm
Motor assembly depth	--	mm
Motor assembly diameter	--	mm
Screwfitting	--	mm
Terminal	+: 6.3 x 0.8 / -: 4.8 x 0.8	mm
Shipping weight (pair)	3.75	Kg
Shipping box size (pair)	180/180/240	mm

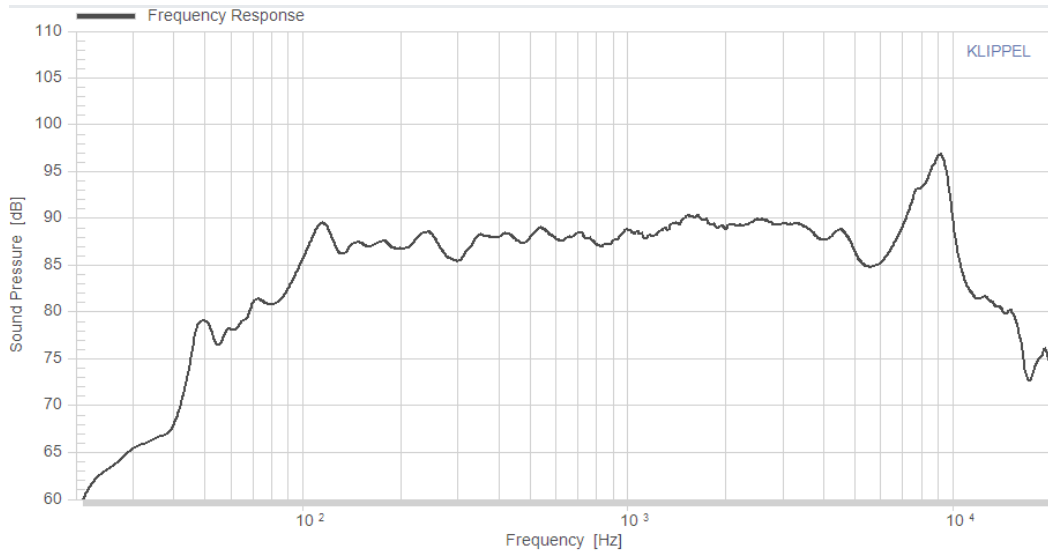
THIELE SMALL PARAMETERS

Specification		Value	Unit
Sensitivity (2.83V / 1m)	Lp	89	dB
DC-resistance)	Re	5.44	Ohm
Resonance frequency	Fs	82.58	Hz
Equivalent volume of air	Vas	5.1	ltr
Mechanical Q	Qms	5.13	
Electrical Q	Qes	0.67	
Total Q	Qts	0.60	
Effective piston area	Sd	81	Cm2
Moving mass	Mms	8.45	g
Suspension compliance	CMs	0.44	mm/n
Mechanical resistance	Rms	0.85	Kg*s

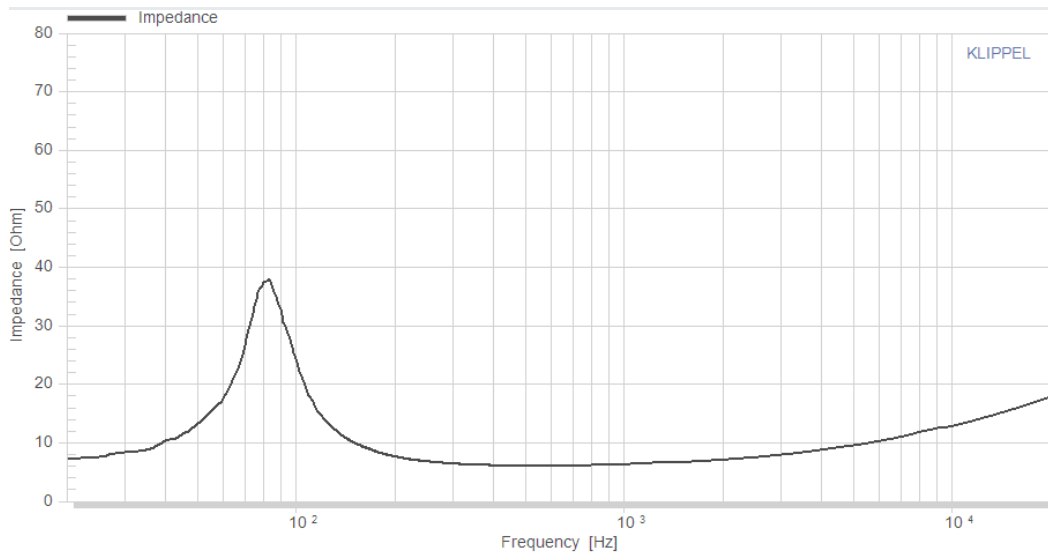
VOICE COIL PARAMETERS

Specification		Value	Unit
Power handling	P	100	W
Linear excursion	Xmax	+/-3.0	mm
Voice coil diameter		80	mm
Voice coil former material		Ti	
Voice coil material		Cu	
Voice coil inductance	Le	0.13	mH
Force factor	Bl	5.95	N/A
Motor type		Underhung	
Ferrofluid filling		No	

FREQUENCY RESPONSE [DB]



IMPEDANCE [OHM]



DISTORTION [%]

