




TH K2 II A Coro

300 W Max Power

TECHNICAL SPECIFICATIONS		
Component	2-way system	
Size		
Woofers	mm (in.)	165 (6.5)
Tweeter diaphragm	mm (in.)	38 (1.5)
Voice Coil Ø		
Woofers	mm (in.)	50 (2)
Tweeter	mm (in.)	34 (1.34)
Power Handling	W peak	300
	W continuous	150
Sensitivity	dB SPL	87
Impedance	Ω	4
Frequency Response	Hz	40 ÷ 26k
SUGGESTED ACTIVE FILTERING: Best Envelopment <small>This set-up provides the best sound stage envelopment for listeners who prefer vertical stage well distributed along the full cabin height.</small>	Woofers	Lo-pass 2.5 kHz @ 6 dB/Oct. Butterworth, level 0 dB
	Tweeter	Hi-pass 2.75 kHz @ 12 dB/Oct. Butterworth, level -6 dB ÷ -8 dB
SUGGESTED ACTIVE FILTERING: Best Focus <small>This set-up provides the best sound stage focus for listeners who prefer vertical stage well focused above of the dashboard and a wider horizontal stage.</small>	Woofers	Lo-pass 1.25 kHz @ 12 dB/Oct. Linkwitz, level 0 dB
	Tweeter	Hi-pass 1.25 kHz @ 12 dB/Oct. Linkwitz, level -7 dB ÷ -9 dB
Weight of one component		
Woofers	kg (lb)	1.25 (2.76)
Tweeter	kg (lb)	0,0355 (0.78)

ELECTRO-ACOUSTIC PARAMETERS		TH 6.5 II Sax		TH 1.5 II Violino	
				Bottom Case	Bottom Disk
D	mm	130	38	38	
Xmax	mm	5,4	-	-	
Re	Ω	3,8	6,1	6,1	
Fs	Hz	55	780	980	
Le	mH	0,43	0,025	0,025	
Vas	l	8,6	0,019	0,013	
Mms	g	24,2	0,43	0,43	
Cms	mm/N	0,35	0,09	0,062	
BL	T·m	8,2	3,32	3,44	
Qts		0,43	0,83	0,97	
Qes		0,47	1,2	1,3	
Qms		5,3	2,9	3,5	
Spl	dB	87	92,5	93	

TH 1.5 II violino

- 34 mm CCAW single layer voice coil combining light weight, stability at lower frequencies and total absence of musical transients compression.
- Extremely powerful custom N38 "H-grade" Neodymium magnet providing 1.67 T·m in the magnetic gap for superb dynamic response and very low distortion in the whole frequency range.
- Exclusive air-loading system resulting in a resonance frequency below 800 Hz, for filter set-up starting as low as 1.5 kHz - 12dB/Oct.
- 38 mm natural silk dome optimized with extensive material characterization, laser vibrometer scanning and Finite Element Analysis methods for a smooth and extended response.
- Frequency response up to 26 kHz optimized for off-axis installation.
- TH 1.5 II Violino Tuning System featuring two types of electro-acoustic load: bottom case or bottom disk according to targets of highest performance as well as flexibility of in-car integration.
- Full solid metal construction structure with each part exclusively designed and produced for the Audison TH 1.5 II.
- FEM (Finite Element Method) optimized faceplate and front spokes for an improved dispersion pattern.
- eID technology providing TH 1.5 II traceability starting from the manufacturing stage up to the owner.

TH 6.5 II sax

- 50 mm mobile voice coil in CCAR (Copper Clad Aluminum Ribbon) wound with flat wire to maximize the force factor and heat dissipation.
- Low inductance of the mobile voice coil to optimize the emission in medium-high band (2-3 kHz).
- N48 "H-grade" neodymium magnet with superb thermal stability to guarantee an optimal dynamic reserve in every situation.
- Magnetic group geometry designed using finite element simulation software to maximize efficiency by concentrating the magnetic field in the gap.
- Membrane made of TPX®, a transparent material that reduces the frequency response irregularities in the mid-high band, leaving the speaker interior in full view.
- Membrane geometry designed using simulation software, to obtain a smooth emission over all the listening angles.
- Basket made of a single piece of die-cast aluminium featuring four pairs of spokes to optimize heat transfer, nullify turbulent airflows and ensure maximum structural rigidity.
- Hi-exursion suspension and spider, optimized with simulations of the loudspeaker multi-physical behavior.
- eID technology providing TH 6.5 II traceability starting from the manufacturing stage up to the owner.

