



# TH 1.5 II Violino

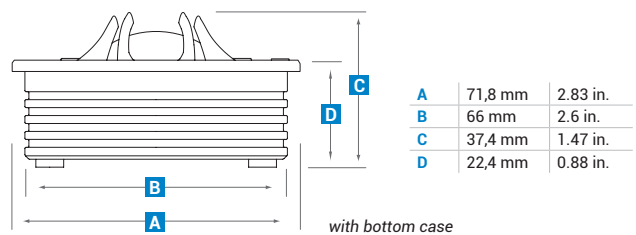
200 W Max Power



TECHNICAL SPECIFICATIONS		
Component		Tweeter
Tweeter diaphragm	mm (in.)	38 (1.5)
Voice Coil Ø		34 (1.34)
Power Handling	W peak	200 (Hi-Pass filtered @ 1,8kHz - 12 dB Oct.)
Impedance	Ω	6
Frequency Response	Hz	800 ÷ 26k
Magnet size D x d x h	mm (in.)	60 x 36 x 5 (2.36 x 1.42 x 0.2)
Weight of one speaker	kg (lb.)	0.355 (0.78)
Magnet		Neodymium
Dome/Cone		Tetolon

ELECTRO-ACOUSTIC PARAMETERS			
		Bottom case	Bottom disk
D	mm	38	38
Re	Ω	6,1	6,1
Fs	Hz	780	980
Le	mH	0,025	0,025
Vas	l	0,019	0,013
Mms	g	0,43	0,43
Cms	mm/N	0,09	0,062
BL	T·m	3,32	3,44
Qts		0,83	0,97
Qes		1,2	1,3
Qms		2,9	3,5
Spl	dB	92,5	93

- 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.



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audison