

CEILING INSTALLATION LOUDSPEAKER



TNi-C4

Type	Passive, 2-way Back Can, Bass Reflex, Install Ceiling Speaker	
Description	When mounting area is limited and audio performance is required, the TNi-C4 delivers professional results. The TNi-C4 features a versatile 70V/100V/8 Ohm front facing power tap selector; enabling output to be adjusted once mounted. The coaxial driver provides professional audio output with a wide frequency response. The spring-loaded connection terminals ensure that cables are tight prior to installing with the locking dog ear brackets providing secure mounting. Finishing the TNi-C4 is a white ABS surround with a mesh steel grille.	
Specifications		
Model	TNi-C4	
Woofer Size	4 inch	
Woofer Cone Material	Paper	
Tweeter Size	1.5 inch Neodymium	
100V Transformer Power Taps	30W, 15W, 6W	
70V Transformer Power Taps	15W, 7.5W, 3W	
Low Impedance	8 ohm	
System Power Rating ¹	45W AES, 180W Peak	
Recommended Amplifier	80-160W @ 8 Ohms	
Sensitivity 1W/1m ²	88 db SPL	
Max SPL 1m ³	111 dB SPL	
Frequency Response	85Hz - 20KHz (-10dB) 100Hz - 16KHz (-3dB)	
Input Connector	Push Spring Connectors	
Nominal Coverage ⁴	130° conical	
Enclosure		
Outside Diameter	204mm, (8")	
Depth	156mm, (6.1")	
Cutout	180mm, (7.1")	
Installation Grip Range	4-20mm	
Main Construction Material	ABS Plastic	
Grille Main Material	1.5mm Circular Mesh Steel	
Finish	White	
Mounting Points	3x Dog Ear Brackets	
Unit weight	1.4Kg, 3.1 lbs	
Single Carton dimensions (HWD)	180 x 205 x 205mm, (7.1" x 8.1" x 8.1")	
Single Packed weight	1.9Kg, 4.2 lbs	
EAN Code	5060109457032	
Master Carton dimensions (HWD)	400 x 450 x 450mm, (15.7" x 17.7" x 17.7") (8pcs)	
Master Packed weight	16.2Kg, 35.7 lbs	
Master EAN Code	5060109457049	



In the interest of continued development, HH reserves the right to amend product specification without prior notification.



Adjustable Power Modes
Can be adjusted after fitting with the quick switch options

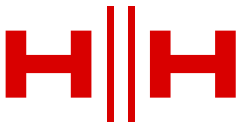


Quick Lock Mounting
Rotating locking lugs for secure rattle free mounting

For polar plots, EASE modelling files, 2D and 3D drawings files, please check www.hhelectronics.com

¹ AES standard Pink Noise 12dB crest factor 2 hours.
² Measured in Full space (4m) conditions
³ Calculated maximum SPL based on rated power handling
⁴ Average coverage between 500Hz - 4KHz



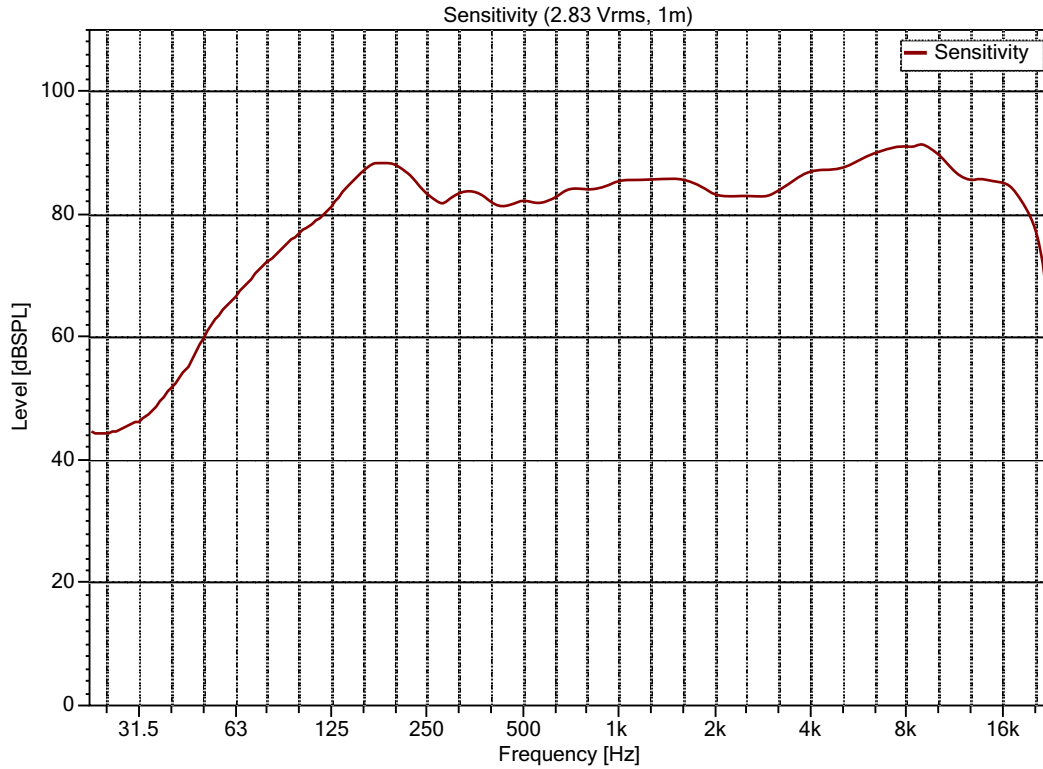


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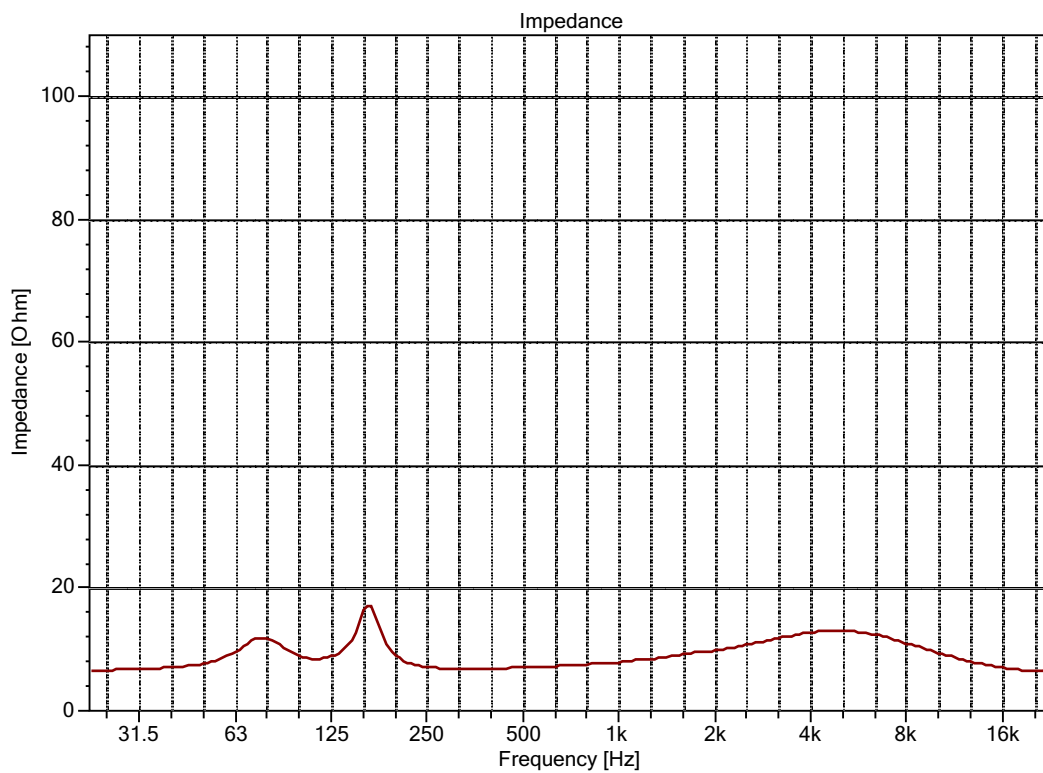


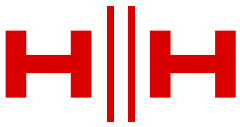
SPL / IMPEDANCE

Data Shown: TNi-C4 (HH Electronics) Resolution: High Res. Mer 5° Par 5° Symmetry: Axial
Display Parameters: Frequency: 1000Hz (1/3rd Octave) Mer: 0° Par: 0°



Data Shown: TNi-C4 (HH Electronics) Resolution: High Res. Mer 5° Par 5° Symmetry: Axial
Display Parameters: Frequency: 1000Hz (1/24th Octave) Mer: 0° Par: 0°



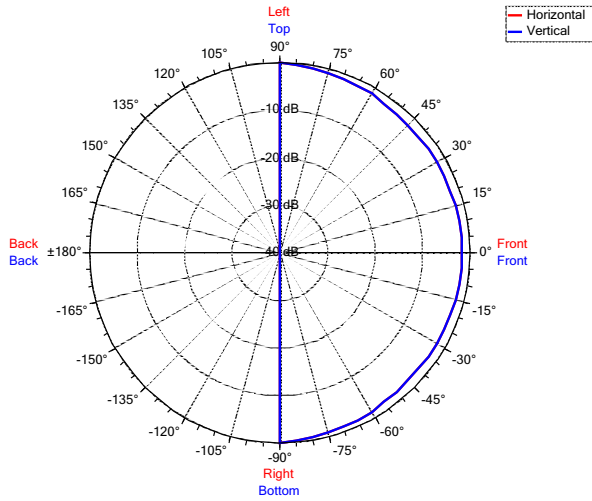


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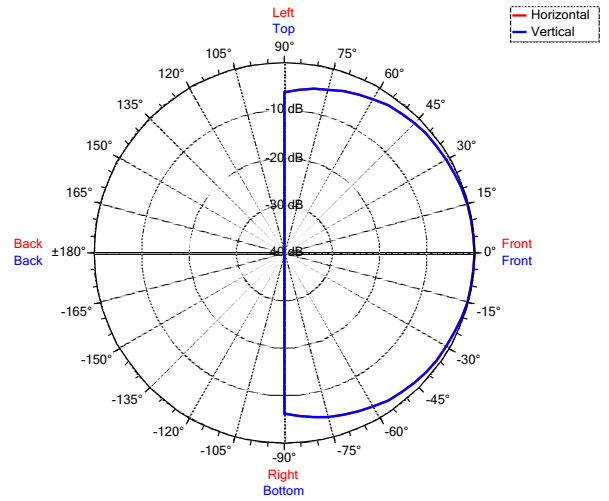


POLAR PLOTS

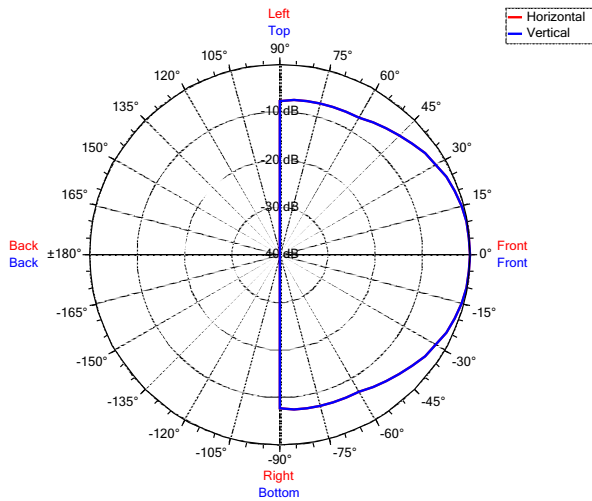
Data Shown: TNI-C4 (HH Electronics) Resolution: High Res. Mer 5° Par 5° Symmetry: Axial
Display Parameters: Frequency: 250Hz (1/3rd Octave)



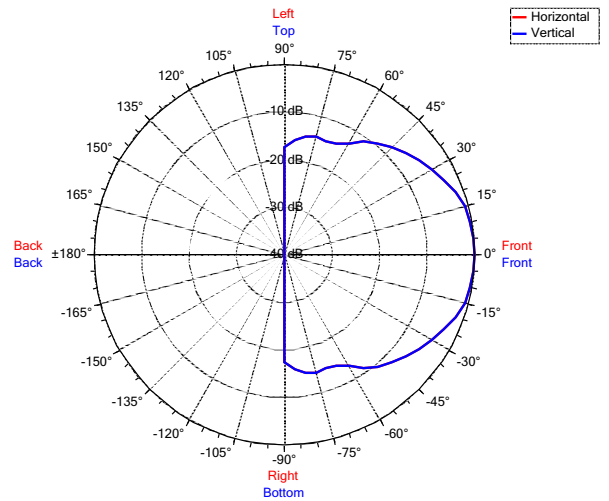
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Display Parameters: Frequency: 500Hz (1/3rd Octave)



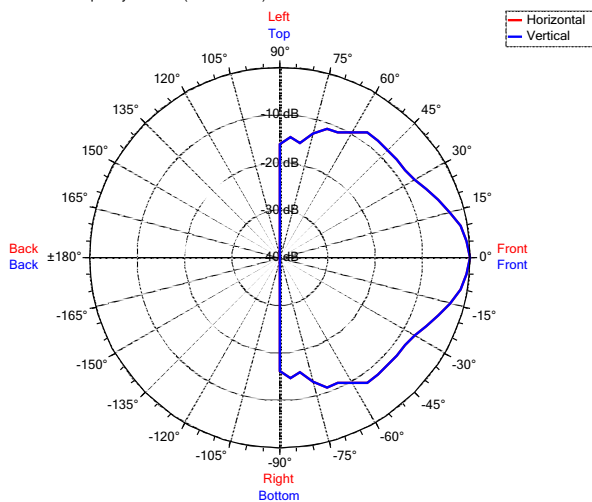
Data Shown: TNI-C4 (HH Electronics) Resolution: High Res. Mer 5° Par 5° Symmetry: Axial
Display Parameters: Frequency: 1000Hz (1/3rd Octave)



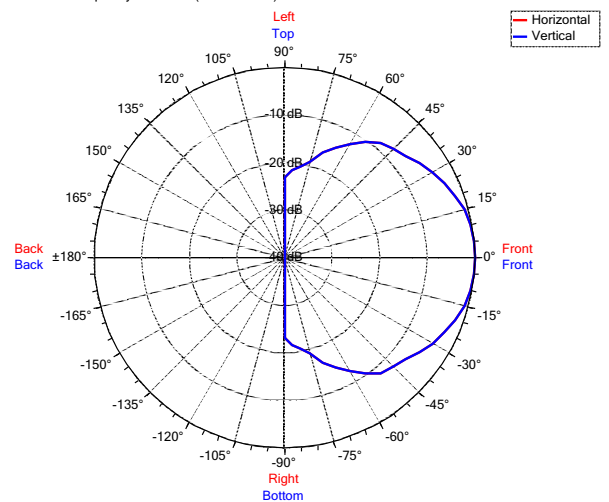
Data Shown: TNI-C4 (HH Electronics) Resolution: High Res. Mer 5° Par 5° Symmetry: Axial
Display Parameters: Frequency: 2000Hz (1/3rd Octave)

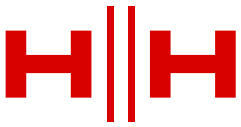


Data Shown: TNI-C4 (HH Electronics) Resolution: High Res. Mer 5° Par 5° Symmetry: Axial
Display Parameters: Frequency: 4000Hz (1/3rd Octave)



Data Shown: TNI-C4 (HH Electronics) Resolution: High Res. Mer 5° Par 5° Symmetry: Axial
Display Parameters: Frequency: 10000Hz (1/3rd Octave)





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DIMENSIONS

