

		PRODUCT SPECIFICATIONS—HARMAN EMBEDDED AUDIO									
		PART NO.	NAME	DOCUMENT NO.							
		E060-0496-001	Virtulive Projector Speaker Sub-assembly	E990-0242							
1	Scope: This specification defines all design requirements for Virtulive Projector Speaker Sub-assembly										
2	Test Conditions: For all measurements the ambient temperature shall be between 18° and 22° C, and the ambient relative humidity shall be between 60% and 70%. Unless otherwise noted, all acoustic measurements are made in the free field with the speaker in a baffle and the distance between the reference and measurement point 1.0m.										
3	Electrical and Acoustic Performance:										
	3.1	Rated Power	10W*2	6.32 Vrms @ 4 ohm L&R in parallel							
	3.2	Max Power	12W*2	6.93 Vrms @ 4 ohm L&R in parallel							
	3.3	Frequency Range	100Hz ~ 20kHz	Output SPL - 10dB							
	3.4	Fb	80Hz ± 15%	AT 1Vrms L&R in parallel							
	3.5	SPL _{ref}	83dB ± 2dB	1m.1W in 4Pi anechoic chamber Average from 300Hz to 20kHz							
	3.6	Distortion	<5% from 120-150Hz <4% from 150-1kHz <3% from 1kHz-10KHz	1m.1W L&R in paralel							
	3.7	Impedance	4 ± 10%	ohms Each channel							
<table><tr><td>FR Limits</td><td></td></tr><tr><td>100Hz - 10kHz</td><td>±3 dB</td></tr><tr><td>10kHz - 12kHz</td><td>±5 dB</td></tr></table>						FR Limits		100Hz - 10kHz	±3 dB	10kHz - 12kHz	±5 dB
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