

Specifications

	Cinergy 100	Cinergy 200	Cinergy 300	Cinergy Sub15
THX Certification	THX® Certified Ultra	THX® Certified Ultra	THX® Certified Ultra	THX® Certified Ultra (with 2 x Cinergy Sub15's)
System Format	3 Way	3 Way	3 Way	N/A
Sensitivity (2.83 Vrms @ 1 M)	89 dB	90 dB	90 dB	86 dB @ 100 Hz
Maximum Linear SPL**** (@1 m, free space)	Continuous 103 dB, Peak 116 dB	Continuous 109 dB, Peak 122 dB	Continuous 109 dB, Peak 122 dB	Continuous 109 dB, Peak 120 dB
Power Handling (R.M.S)	Continuous 200 W, Peak* 800 W	Continuous 350 W, Peak* 1400 W	Continuous 350 W, Peak* 1400 W	Continuous 600 W, Peak* 1500 W (Band limited***)
Nominal Impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Minimum Impedance (20 Hz - 20 kHz)	3.8 Ohms	3.8 Ohms	3.8 Ohms	4 Ohms
Recommended Low Frequency Crossover Frequency	80 - 100 Hz (High Pass)	80 - 100 Hz (High Pass)	40 - 80 Hz (High Pass)	40 - 100 Hz (Low Pass)
Recommended Amp Requirements (R.M.S)	100 - 800 W (IA125-4 or IA750-2)	200 - 1400 W (IA125-4 or IA750-2)	200 - 1400 W (IA125-4 or IA750-2)	Must be used with IA750-2 or 750-4 running C Sub Profile
Bass Alignment	Ported**	Ported**	Ported**	Sealed
Port Tuning Frequency	67 Hz**	47 Hz**	38 Hz**	N/A
LF Extension, In Wall, With Port Bungs (- 6 dB)	48 Hz	47 Hz	42 Hz	N/A
LF Extension, In Free Space, No Port Bungs (- 6 dB)	65 Hz	47 Hz	42 Hz	17 Hz (IA750-2)
HF Extension (-6 dB)	>30 kHz	>30 kHz	>30 kHz	N/A
Drive Unit Complement	1 x 8" RDT Driver 1 x 2.5" C-CAM Driver 1 x MPD Transducer	2 x 8" RDT Driver 2 x 2.5" C-CAM Driver 1 x MPD Transducer	2 x 8" RDT Driver 2 x 2.5" C-CAM Driver 1 x MPD Transducer	1 x 15" Ultra high Excursion C-CAM Driver
External Dimensions (Cabinet Only) (H x W x D)	460 x 350 x 160 mm 18 1/8 x 13 3/4 x 6 5/16 inch	904 x 300 x 160 mm 35 9/16 x 11 13/16 x 6 5/16 inch	1080 x 300 x 240 mm 42 1/2 x 11 13/16 x 9 7/16 inch	540 x 540 x 280 mm 21 1/4 x 21 1/4 x 11 inch
External Dimensions (Inc Grille) (H x W x D)	460 x 350 x 174.1 mm 18 1/8 x 13 3/4 x 6 7/8 inch	904 x 300 x 173.6 mm 35 9/16 x 11 13/16 x 6 13/16 inch	1080 x 300 x 253.6 mm 42 1/2 x 11 13/16 x 10 inch	N/A
Max External Dimensions (Inc all Fittings) (H x W x D)	460 x 350 x 174.1 mm 18 1/8 x 13 3/4 x 6 7/8 inch	904 x 300 x 173.6 mm 35 9/16 x 11 13/16 x 6 13/16 inch	1132 x 438 x 253.6 mm 44 9/16 x 17 1/4 x 10 inch	567 x 540 x 280 mm 22 5/16 x 21 1/4 x 11 inch
Product Weight	18.4 Kg 40 lb 8 oz	30 Kg 66 lb	40.4 Kg 88 lb 14 oz	38.5 Kg 84 lb 12 oz

* Calculated from a peak voltage, this is not a true power figure but useful for comparisons.

** When used in an In-Wall or On-Wall configuration it is recommended to use the fitted port bungs to control bass output. This will effectively make the product a sealed box.

*** Band limited with Low pass at 200 Hz, should only be used with IA750-2 and the correct speaker profile.

**** Tested with a music like noise signal with distortion and power compression remaining below audible limits.

THX® Certified Loudspeakers

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