

## MODELS / CX65.4 / CX65.2 – 6.5" INCH

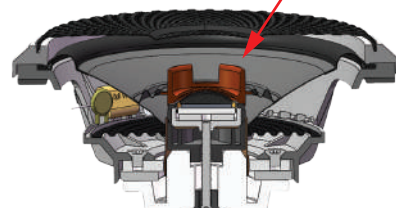
### COAX SPEAKER

- 100WRMS/200 MAX Power Handling
- Neodymium High Energy/ Light Weight N35 Magnet structure
- WaterProof IMPP Cone with NBR surrounds
- Heavy Duty/ Injected High Temp Polymer Frame.
- 1.4" 4 or 2 Ohm – High Temp Voice Coil (Black Coat™) Voice Coil MidBass
- 1.0" PEI dome tweeter with Neodymium magnet
- DPSH® "Dual-Phase Slot Horn"
- Advanced Voice Coil Heat Sink Design for Better Heat Dissipation
- Frequency Response: 54Hz -20Khz+/-5dB
- High Sensitivity: 94dB 1W/1M Average (1W/1M - 2.83V)
- Built in 6dB Crossover



100 W RMS / 200 W MAX

DPSH® "Dual-Phase Slot Horn"



**2YR**  
WARRANTY

### TECHNICAL SPECIFICATIONS

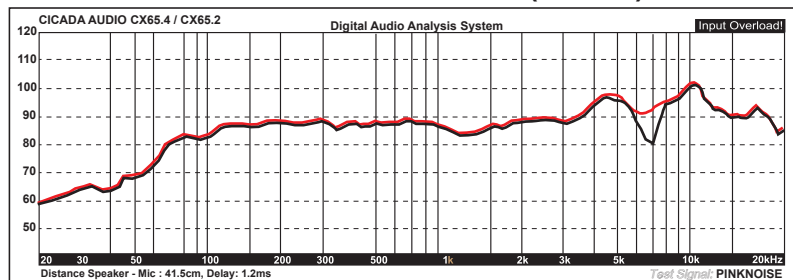
Component	mm (in.)	High Efficiency CoAx Driver
Provided inline crossover		Hi-pass filter @ 6 kHz - 6 dB Oct.
Size	in. / mm	6.5 (165)
Power Handling (EACH)	W peak	200W - Hi-pass filtered @ 100Hz - 12 dB Oct.
Impedance	$\Omega$	4 or 2 Ohm
Frequency Response	Hz	65Hz -20k +/- 5dB
Sensitivity	dB/SPL	94dB Average (1W/1M -2.83V)
Voice Coil Ø	in. (mm)	1.4 (35.5)Mid / 1.0 (25) Tweeter
Magnet		Neodymium N35H
Dome		Aluminium
Weight of 1 Speaker	lb. (kg)	2.1 (0.95)

### ELECTRO-ACOUSTIC PARAMETERS - MIDBASS

D	inches / mm	6.5 / 165
Re	$\Omega$	4 or 2
Fs	Hz	70
Le	mH @ 1 kHz	0.03
Vas	l	8.95
Mms	g	12.0
Cms	mm/N	0.434
BL	T·m	6.09
Qts		0.363
Qes		0.387
Qms		6.017
Spl	dB	94dB Average (1W/1M -2.83V)

\*\*Power Ratings are per SPEAKER with a Hi-Pass Filter (Electronic for Passive) @100Hz - 12 dB Octave

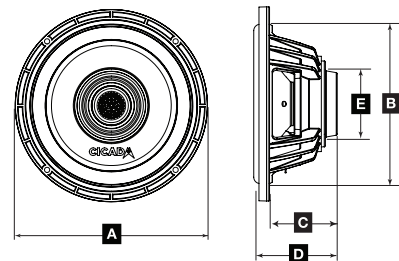
### REAL TIME ANALYZER (RTA) CURVE



These are REAL frequency response curves of our CICADA AUDIO CoAx Speakers CX series. Typically Full-Range drivers sensitivity is measured full spectrum from 300Hz to 3kHz +/- 3dB (EIA standard) And "averaged". As you can see on the RTA curves these speakers average in the mid 90dB range with peaks over 100dB. The Black line indicates the frequency response of the same tweeter with AND without DPSH® "Dual-Phase Slot Horn". RED Line is WITH DPSH®. 10dB improvement!!

### CX65.4 / CX65.2 – 6.5" DIMENSIONS

A	6.5 in.(165mm)
B	5.32in.(135.34mm)
C	2.26 in.(57.5mm)
D	2.79 in.(70.94mm)
E	2.0 in.(50.8mm)



### Fitment:

Pretty much a "Drop-In", in general. The magnet structure is slightly larger so be advised. It is still recommended you go to a professional and have it installed.

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**"We manufacture the BEST in Motorcycle Audio....PERIOD!"**