

## SELLING POINTS:

## #1 Salt &amp; Sun Certified

- All models are built to exceed industry standards for salt-fog/UV exposure (ASTM B117/D4329) and shock/vibration resistance, ensuring durability in harsh marine environments.

## #2 Engineered for Open-Air Sound

- All-new designs deliver superb sound in all outdoor applications.
- Vacuum-formed polymer woofer cone bodies and marine-grade suspension components, for superior sound and reliability
- Bridge-mounted, balanced-dome, polymer tweeters with neodymium magnets and ferrofluid cooling for crystal-clear, high-frequency reproduction
- 2nd order, high-pass tweeter filters, integrated within the woofer baskets
- Standard cutout size and mounting hole pattern for easy retrofitting.

## #3 Moderate Power Requirements

- Perfect for source unit-powered systems

## #4 Choose Your Look, and Get Both Colors!

- Two grille styles available: traditional "Classic" or modern "Sport"
- White and Black grilles are included with each speaker.
- Allows you to coordinate the look of the speakers with your boat's theme.

## #5 Built-In RGB LED Lighting (Optional Feature)

- Available on the Sport grille model, multi-color LEDs are embedded and concealed from direct sight to produce lively accent lighting.
- Choose from seven fixed LED colors or connect a RGB lighting controller (sold separately) for adjustable control. (LED functionality requires 12V DC wiring at each speaker location.)



STANDARD

CMS

## MARINE COAXIAL SPEAKERS

## POSITION:

Class-leading sound, designed for real marine environments, with optional built-in RGB LED lighting.

## Standard Marine Coaxial Speakers:

**NEW! CMS-651-CWB:**

6.5-inch Marine Coaxial Speakers with 0.50-inch (13 mm) Polymer Balanced-Dome Tweeters, White & Black Classic Grilles, 30W RMS, 4 ohms

**NEW! CMS-651-SWB:**

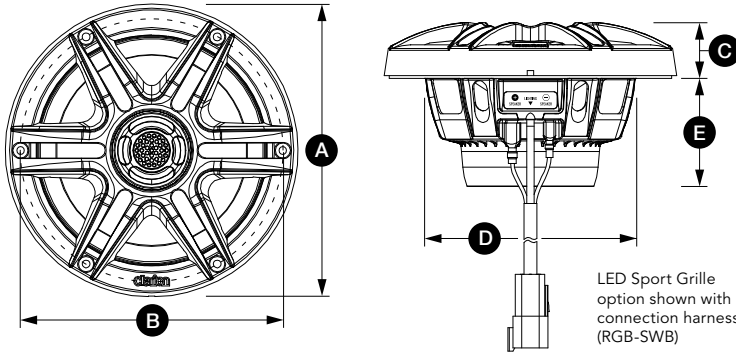
6.5-inch Marine Coaxial Speakers with 0.50-inch (13 mm) Polymer Balanced-Dome Tweeters, White & Black Sport Grilles, 30W RMS, 4 ohms

**NEW! CMS-651RGB-SWB:**

6.5-inch Marine Coaxial Speakers with 0.50-inch (13 mm) Polymer Balanced-Dome Tweeters, White & Black Sport Grilles, built-in RGB LED lighting, 30W RMS, 4 ohms



## TECHNICAL INFORMATION:



### Included Components and Parts:

- Two Marine Coaxial Loudspeakers
- Two White Classic (CWB) or Sport (SWB) Speaker Grilles
- Two Black Classic (CWB) or Sport (SWB) Speaker Grilles
- Two 2nd Order High-Pass Filters (integrated within woofer baskets)
- Twelve M4 x 30 mm Stainless-Steel Mounting Screws
- Two Waterproof Connection Harnesses
- Mounting Template
- Owner's Manual

### Optional RGB LED Illumination:

LED functionality requires separate wiring at each speaker location. Choose from seven fixed LED colors or connect an RGB lighting controller (sold separately) for adjustable control.

### SPEAKER CONNECTIONS

Terminal	Connection
+	Speaker Positive (+)
-	Speaker Negative (-)

### RGB LED HARNESS WIRING

RGB LED Wire Color	Wire Size	Connection
Red	26 AWG	Red LED Negative (-)
Green		Green LED Negative (-)
Blue		Blue LED Negative (-)
Yellow		Main LED Positive (+12V)

### FIXED 7-COLOR LED WIRING

LED Color Output	LED Wire Color(s)	Connection
Red	Red	Connect wire(s) to negative (-) battery post or negative ground.
Green	Green	
Blue	Blue	
Yellow	Red + Green	
Pink	Red + Blue	
Light Blue	Green + Blue	
White	Red + Green + Blue	

Connect all Yellow (+12V) LED wires to a switched +12V supply.

### RGB LED SPECIFICATIONS

Specification	CMS-651RGB-SWB
LED Current Draw at 14.4V DC	140 mA
Recommended Fuse Value*	250 mA
LED Voltage Range	10 - 14.4V DC

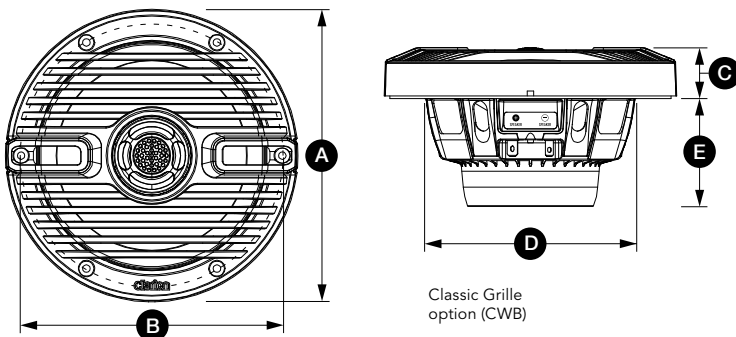
\* For short-circuit protection, install a fuse (not included) at each speaker's Yellow (+12V) LED power connection lead.

Physical Specifications	CMS-651-CWB (Classic)	CMS-651-SWB	CMS-651RGB-SWB
Nominal Diameter	6.50 in. / 165 mm	6.50 in. / 165 mm	
Outer Diameter (A)	6.90 in. / 175 mm	6.90 in. / 175 mm	
Bolt Hole Circle (B)	6.14 in. / 156 mm	6.14 in. / 156 mm	
Frontal Grille Protrusion* (C)	1.14 in. / 29 mm	1.25 in. / 32 mm	
Mounting Hole Diameter (D)	5.00 - 5.25 in. / 127 - 133 mm	5.00 - 5.25 in. / 127 - 133 mm	
Mounting Depth (E)	2.60 in. / 66 mm	2.60 in. / 66 mm	

\* Frontal grille protrusion measured from mounting surface

Specifications	CMS-651-CWB	CMS-651-SWB	CMS-651RGB-SWB
Mounting Application	Infinite Baffle		
Continuous Power Handling (RMS Method)	30 Watts / channel		
Peak Power	60 Watts / channel		
Recommended Amplifier Power	20 - 60 Watts / channel		
Frequency Response	55 Hz - 20 KHz (± 3 dB)		
Efficiency @ 1W/1m	87 dB		
Nominal Impedance	4 ohms		

Due to ongoing product development, all specifications are subject to change without notice.



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