

Marine Audio

Rock the Water with Clarion Marine Audio

From the leader of marine audio products, Clarion's line-up gets even better for 2008

Whether you're into hardcore water sports, cruising to your favorite hideaway, or hanging out at the dock with friends,

Clarion knows that a great sounding audio system makes the day more enjoyable.

The 2008 Marine Audio products offer innovative and reliable watertight source unit chassis with high resistance to destructive UV and Salt/Fog exposure.

Connectivity is raised to a new level with optional Satellite Radio and direct iPod control, as well as MP3/WMA music playback, establishing Clarion as the benchmark for Marine Audio.



Water resistance, taken to the next level

Clarion knows that water is a source unit's worst enemy. Our CMD5 AM/FM/CD/MP3/WMA receiver has been IPX5 tested and certified to offer the highest water intrusion protection. A rubber gasket behind the flip down front panel and integrated water drainage channels work to keep water out. Remember, Clarion is the leader in marine audio products, and the CMD5 shows that no one does it better.



When it comes to marine source units, stainless steel is your friend

Clarion uses a stainless steel chassis in the CMD5 and the M475. Should any water get behind the radio, this design, along with an integrated drip shield over the main harness connector, ensures that water stays on the outside. Circuit boards feature a special coating to resist the effects of moisture, corrosion and mildew. These safeguards will give you years of trouble-free performance.



Command your system from anywhere on your boat



Clarion has a full line of water-proof, wired remote controls. Our CMRC1 controls all main functions of your system. The easy to read LC display lets you see station information, as well as iPod song titles and artist information when listening to Sirius Satellite Radio. Install one remote at the helm and one on the transom (up to three remotes can be connected) - control of your system is always just an arms-reach away.

Amplifiers transform your boat into party central



Amplifiers are the heart and soul of your high performance audio system. People who know marine audio understand that amplifiers add more than just volume to music. They reduce distortion at high volumes and ensure that the music you hear is crisp, clean and powerful. Clarion has designed its marine audio amplifiers with specially protected circuit boards to resist moisture and corrosion. On the outside, corrosion-resistant aluminum casings protect the insides from the effects of the marine environment. Clarion's Marine Audio amplifiers, the APX290M (360W) and APX490M (720W), achieve rugged performance and awesome sound quality.

Your marine audio system needs high quality speakers



Clarion Marine Audio speakers produce stunning sound in an open-air environment. They keep on performing because they're built to resist Mother Nature - water, UV rays and Salt/Fog. Polypropylene speaker cones and titanium tweeters withstand the elements while delivering clean, clear sound. Speaker baskets and grills are based on a Centrex 814 polymer plastic that resists fading, cracking and discoloration from UV exposure. A special waterproof design uses a Sanoprene rubber surround and pole piece gasket to ensure resistance to water damage.

Clarion Marine Audio sets the bar higher for 2008

In 2008 Clarion offers the best performing Marine Audio products for the boating enthusiast. With connectivity options for iPod and Satellite Radio, playback of MP3 and WMA files, new amplifier offerings, and class leading sonic performance, Clarion is the choice for both boat owners and boat builders alike. Clarion invented the Marine Audio category, and no one does it better.

CMD5

WATERTIGHT MARINE CD/MP3/WMA RECEIVER/CeNET CONTROL



- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM/ 6 AM Presets • iPod control capability via optional CCA iPod • Built-in Amplifier canceller • 50W x 4 Built-in Amplifier
- Flip-down control panel • High visibility 2-line display • Rotary Volume Control • RCA Auxiliary Input with Level Control • 6ch/2V RCA Output • CeNET Control of: 6-Disc CD Changer, Satellite Receiver and iPod
- Bluetooth Interface ready (Optional BLT370) • Meets ASTM B117 <Salt/Fog Exposure> • Meets ASTM D4329 <UV Exposure> • HumiSeal Coated PCB • Sealed Stainless Steel Chassis

CEA 2006 Power Ratings
21W x 4RMS (4Ω @ 14.4V ±1% THD+N)
S/N 91dB (Ref: 1W into 4Ω)



CCA AUX
RCA/3.5mm
AUX INPUT CABLE



CMRC1-SB
WATERTIGHT SILVER AND BLACK MARINE REMOTE CONTROL WITH LCD FOR CMD5 & M475



CMRC2-SB
WATERTIGHT SILVER AND BLACK MARINE REMOTE CONTROL FOR CMD5 & M475

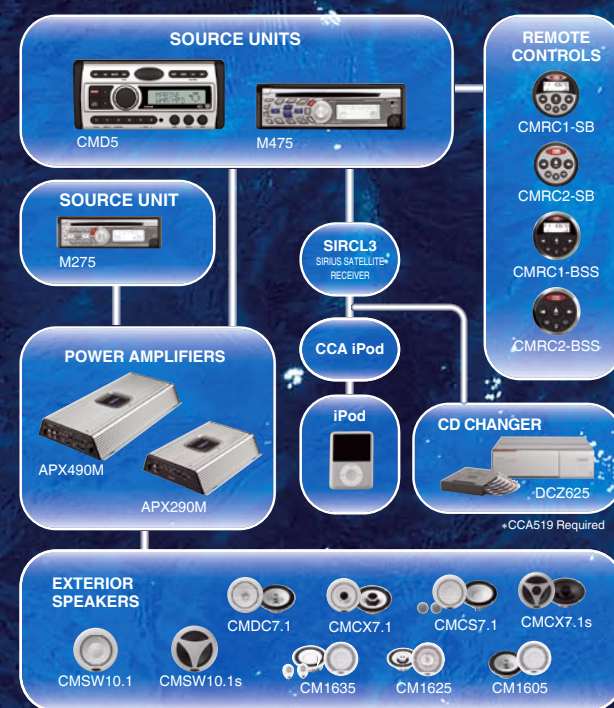


CMRC1-BSS
WATERTIGHT STAINLESS STEEL AND BLACK MARINE REMOTE CONTROL WITH LCD FOR CMD5 & M475



CMRC2-BSS
WATERTIGHT STAINLESS STEEL AND BLACK MARINE REMOTE CONTROL FOR CMD5 & M475

MARINE AUDIO SYSTEM



M475



MARINE CD/MP3/WMA RECEIVER/CeNET CONTROL

- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM/ 6 AM Presets
- iPod control capability via optional CCA iPod
- Z-Enhancer sound customization • MAGNA BASS EX dynamic bass enhancement • Built-in amplifier canceller • Detachable control panel
- 50W x 4 Built-in Amplifier • High visibility single line display • Rotary Volume Control • Front panel 3.5mm Auxiliary Input with Level Control • 6ch/2V RCA Output • CeNET Control of: 6-Disc CD Changer, Satellite Receiver and iPod
- Bluetooth Interface ready (Optional BLT370)
- Meets ASTM B117 <Salt/Fog Exposure> • Meets ASTM D4329 <UV Exposure> • HumiSeal Coated PCB • Sealed Stainless Steel Chassis



CEA 2006 Power Ratings
21W x 4RMS (4Ω @ 14.4V ±1% THD+N)
S/N 91dB (Ref: 1W into 4Ω)



CEA 2006 Power Ratings
21W x 4RMS (4Ω @ 14.4V ±1% THD+N)
S/N 91dB (Ref: 1W into 4Ω)



M275

MARINE CD/MP3/WMA RECEIVER

- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM/ 6 AM Presets
- Z-Enhancer sound customization • MAGNA BASS EX dynamic bass enhancement • Detachable control panel • 50W x 4 Built-in Amplifier • High visibility single line display • Rotary Volume Control • Front panel 3.5mm Auxiliary Input with Level Control • 2ch/2V RCA Output • Bluetooth Interface ready (Optional BLT370) • Meets ASTM B117 <Salt/Fog Exposure> • Meets ASTM D4329 <UV Exposure> • Pelgan Z Coated PCB

APX490M

MARINE 720W 4/3/2 CHANNEL POWER AMPLIFIER

- 720 Watts of Maximum Music Power • 90W x 4 into 4 Ohms, 20Hz - 50kHz @ <.1% THD • 180W x 4 into 2 Ohms, 20Hz - 50kHz @ <.1% THD • Variable Bass Extender, 0 - 15dB @ 45Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz - 550Hz (Rear 55 - 550Hz, 550Hz - 5.5kHz) • Mixed Mode Operation • Conformal Coated Double Sided PCB • Non-Corrosive Aluminum Heat Sink • Dimensions 15-1/4" x 9-1/8" x 2-1/4"



CEA 2006 Power Ratings
150W x 4 RMS (2Ω @ 14.4V ±1% THD+N)
• 110W x 4 RMS (4Ω @ 14.4V ±1% THD+N)
• S/N 97dB (Ref: 1W into 4Ω)



APX290M

MARINE 360W 2/1 CHANNEL POWER AMPLIFIER

- 360 Watts of Maximum Music Power • 90W x 2 into 4 Ohms; 20Hz - 50kHz @ <.1% THD • 180W x 2 into 2 Ohms, 20Hz - 50kHz @ <.1% THD • Variable Bass Extender, 0 - 15dB @ 45Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 55 - 550Hz, 550 - 5.5kHz • Mixed Mode Operation • Conformal Coated Double Sided PCB • Non-Corrosive Aluminum Heat Sink • Dimensions 10-1/2" x 9-1/8" x 2-1/4"



CEA 2006 Power Ratings
150W x 2 RMS (2Ω @ 14.4V ±1% THD+N)
100W x 2 RMS (4Ω @ 14.4V ±1% THD+N)
S/N 95dB (Ref: 1W into 4Ω)



DCZ625

6-DISC CD CeNET CHANGER

- CeNET Controlled • Digital Optical Output • CD Text • CD-R/RW Ready • -15° to 105° Mounting Angle • 8x Over Sampling Digital Filter • Zero Bit Detector Mute Circuit • Spring Loaded Silicon Oil Dampened Suspension • Dual 1-bit D/A Converters • 3-Beam Laser System • Eject Capability While Ignition Off • Dimensions: 9" (W) x 2-1/2" (H) x 6-5/8" (D)

Rock your boat

Clarion's 7" Sport Series Coaxial Speakers contain a 1.5" titanium tweeter for accurate high frequency response. With its 7" woofer cone, there is an increase in mid-bass response over a 6.5" woofer, resulting in improved overall bass response in an open-air environment. The 10" subwoofer rounds out the Sports Series worthy of the Clarion name. This subwoofer is designed for free air use, offering flexible installation opportunities to overcome the unique nature of marine applications.

SPORT SERIES
MARINE AUDIO



Input MAX
350W

CMSW10.1s

SPORT SERIES 10" WATER RESISTANT SUBWOOFER

- 350 Watts of Maximum Music Power • 10" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



Input MAX
160W

CMCX7.1s

SPORT SERIES
7" COAXIAL 2-WAY WATER RESISTANT SPEAKER

- 160 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1-1/4" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



Input MAX
350W

CMSW10.1

10" WATER-RESISTANT MARINE SUBWOOFER

- 350 Watts of Maximum Music Power • 10" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



Input MAX
160W

CMCS7.1

7" 2-WAY WATER RESISTANT COMPONENT SPEAKER SYSTEM

- 160 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1-1/4" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



Input MAX
100W

CM1605

6 1/2" DUAL CONE WATER RESISTANT SPEAKER

- 100 Watts of Maximum Music Power • 6-1/2" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Rubber Mounting Gasket



Input MAX
100W

CM1625

6 1/2" COAXIAL 2-WAY WATER RESISTANT SPEAKER

- 100 Watts of Maximum Music Power • 6-1/2" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 3/4" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



Input MAX
130W

CM1635

6 1/2" 2-WAY WATER RESISTANT COMPONENT SPEAKER SYSTEM

- 130 Watts of Maximum Music Power • 6-1/2" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



Input MAX
160W

CMCX7.1

7" COAXIAL 2-WAY WATER RESISTANT SPEAKER

- 160 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1-1/4" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



Input MAX
120W

CMDC7.1

7" DUAL CONE WATER RESISTANT SPEAKER

- 120 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

Powered Subwoofer



Stick wired remote control

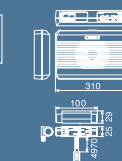
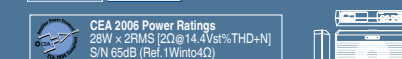
<Specification>

- **Speaker type:** 6-3/4" counter drive powered subwoofer
- **Unit used:** 6-3/4" MIPP cone woofer (Dual Voice coil) • **Rated output:** 60W (30W+30W)
- **Max power output:** 120W (60W+60W) • **Playback frequency range:** 30 to 200Hz • **Cut-off frequency:** 50Hz/75Hz/100Hz/120Hz • **Input sensitivity:** RCA input 20mV to 2V, Speaker input 0.2V to 20V • **Power source voltage:** DC14.4V • **Ground:** Negative
- **Current consumption:** 7.0A • **External dimensions:** [Main unit] 12-1/4" (W) x 2-5/8" (H) x 8-1/4" (D) [Remote control unit] 3-15/16" (W) x 1-1/8" (H) x 1" (D)
- **Weight:** [Body] 2.0Kg [Remote control] 220g

SRV314

SLIM DESIGN 6-3/4" POWERED SUBWOOFER

- Dual-Voice coil • 120 W high power amplifier with low pass filter • Maxx Bass circuit for virtual bass enhancer • 6-3/4" counter drive woofer with dual-neodymium magnet • Air compression structure with aluminum die-cast enclosure • Remote control for gain control /low-pass filter (selectable 50/75/100/120 Hz)/phase select • Blue LED power indicator • RCA line level input/Speaker level input
- *"Maxx Bass" is a patent of KS-Waves. "Maxx Bass" is a registered trademark of KS-Waves.



Woofer Technology

Speakers designed for the marine environment.

From the basket to the mounting hardware, Clarion speakers are designed to last in the marine environment. They meet and exceed the ASTM B117 and D4329



requirements for resistance to UV, Salt and Fog exposure. Exceeding the industry standards, we utilize many different materials, including polypropylene woofer cones, Sanoprene rubber surrounds, insulated tinsel leads, gold plated terminals, special Centrex 814 baskets and grills and stainless steel hardware. These materials are capable of taming the harsh marine environment. The result? Quality marine speakers with superb sound quality and great cosmetic appeal.

Powered Subwoofer Technology

Powerful Deep Bass Playback Achieved from a Slim Form

MaxxBass Technology

Natural sound is made up of fundamentals that determine the pitch of sound and harmonics with higher frequencies that determine the character of the sound. MaxxBass makes use of harmonics to recreate fundamentals. That innovative technology enhances bass to the max by adding harmonics continuously with the audio signal.

Air-compressible

The SRV314 employs an air-compressible structure where acoustic pressure is compressed within the cabinet and vented from the rear duct. This makes it possible to reproduce dynamic deep bass with sharpness.

Counter Drive

Clarion's own counter drive method was conceived to make the body slimmer and more compact. Locating the magnet on the top of the woofer cone saves space so you have a variety of options where to install.