

# 07 MARINE AUDIO

## SET COURSE FOR THE BEST IN MARINE AUDIO

From the innovator of marine audio products, Clarion marine audio gets better for 2007

Whether you are out for a quiet sail in the bay, pounding up the river with a wakeboarder in tow or just hanging out at the dock with your friends, Clarion understands better than anyone that having your music with you makes the day just that much better. The 2007 Clarion marine audio product line takes our dedication to developing reliable and innovative products to a new level. New watertight source unit chassis' combined with our expertise in UV and salt fog exposure resistance combined with improved connectivity to iPods and other portable music devices further establishes Clarion as the benchmark for marine audio.

### Splash it or spray it - the CMD5 doesn't care.

When it comes to water, Clarion doesn't play games. Our CMD5 AM/FM CD/MP3/WMA Receiver offers full IPX5 tested and certified Water Intrusion protection to ensure that it will keep playing, no matter what you throw at it. A rubber gasket behind the quick-release flip down front panel and integrated water drainage channels keep water out. Don't be fooled by imitators, Clarion is the world leader in marine audio products - nobody knows it better.



### If you are going to talk the talk, then you have to walk the walk.

Clarion takes marine audio seriously. For 2007, we introduce a new stainless steel chassis to the CMD5 and M475. Should any water get in behind the radio, this new chassis, combined with a drip shield over the wire connections will ensure things stay dry. The main circuit boards feature a silicone coating to help resist the effects of humidity. You take pride in your boat, wouldn't you want the best audio equipment available installed in it?



### Take control of your music from anywhere on the boat.

Clarion offers a full line of completely waterproof remote controls. Our CMRC1 features an easy-to-read LCD to let you see what radio station you are listening to, or what song on your iPod is playing. Install a remote at the helm and one on the swim platform - control over your music is always just an arms-reach away.



### A boat with lots of power is a lot of fun - this same concept applies to your audio system.

Clarion offers amplifiers that will let your audio system deliver crisp, clear, lifelike sound without distortion. Whether you want a little more power for a pair of speakers, or a multi-amp system to make waves of your own, Clarion amplifiers are up to the task.



### The link between you and your music is your speakers.

Clarion marine audio speakers were designed to sound great while putting up with the toughest challenges Mother Nature can throw their way. Polypro-pylene speaker cones and titanium tweeters ensure your music will sound great. Clarion marine speaker frames and grilles are based on a Centrex 814 polymer plastic for resistance to fading, chalking and cracking from UV exposure. Their waterproof design incorporates a Sanoprene rubber surround and pole-piece gasket to ensure complete resistance to water damage.



Offering boating enthusiasts the best possible marine audio products is at the heart of Clarion's goals for the 2007 marine audio product line. With expanded control for the iPod, playback of MP3 and WMA files and class leading sonic performance - Clarion is the natural choice for both boating enthusiasts and boat builders alike. Clarion invented marine audio almost a decade ago - nobody understands or does it better.

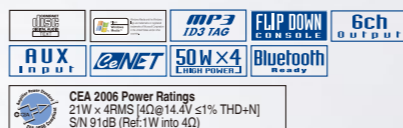
## Clarion marine audio - the benchmark moves higher for 2007



**MA AUX1**  
RCA/3.5mm  
AUX INPUT CABLE

### **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 EA1276 • 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 and iPod interface • Bluetooth Interface ready (Optional) • 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)

### **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 EA1276 • Z-Enhancer sound customisation • 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 or iPod interface
- Bluetooth Interface ready (Optional) • 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)



Detachable  
Control Panel



### **APX4240**

#### 400W 4/3/2 CHANNEL POWER AMPLIFIER



- 400 Watts of Maximum Music Power • 60W x 4 Into 4 Ohms, 20Hz-20kHz @ < 0.1%THD • 90W x 4 Into 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Selectable Bass Boost; 0dB/6dB/12dB @ 50Hz • Independent Front/Rear Adjustable -12db/Oct. High/Low Pass Crossover, 50Hz-300Hz
- Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Inputs • Dimensions 13" x 10 7/8" x 2 3/4"

CEA 2006 Power Ratings  
90W x 4RMS [2Ω@14.4V ±1% THD+N]  
60W x 4RMS [4Ω@14.4V ±1% THD+N]  
S/N 80dB (Ref:1W into 4Ω)



### **APX2120**

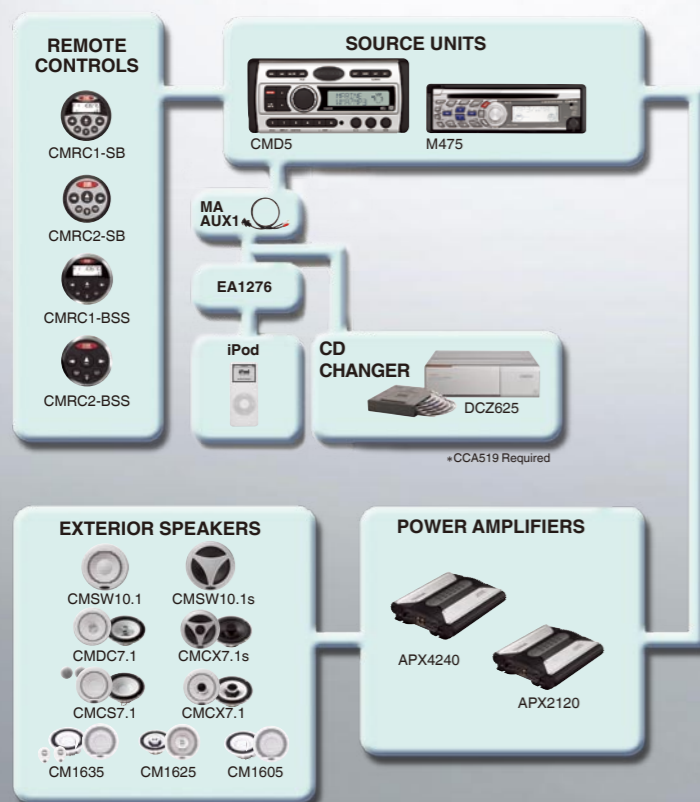
#### 200W 2/1 CHANNEL POWER AMPLIFIER



- 200 Watts of Maximum Music Power • 60W x 2 Into 4 Ohms, 20Hz-20kHz @ < 0.1%THD • 90W x 2 Into 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Selectable Bass Boost; 0dB/6dB/12dB @ 50Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 50Hz-300Hz • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 10 5/8" x 10 7/8" x 2 3/4"

CEA 2006 Power Ratings  
100W x 2RMS [2Ω@14.4V ±1% THD+N]  
60W x 2RMS [4Ω@14.4V ±1% THD+N]  
S/N 85dB (Ref:1W into 4Ω)

### MARINE AUDIO SYSTEM



**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

### **DCZ625**

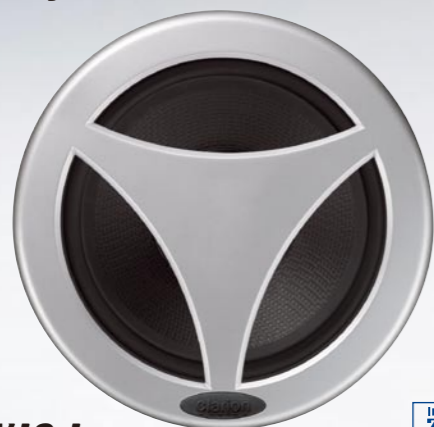
#### 6-DISC CD CeNET CHANGER

- 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"(D)



Clarion's 7" Sport Series Coaxial Speakers utilise a 1.2" titanium dome tweeter for crisp and accurate high frequency reproduction. And with its unusually large design these speakers reproduce the mid-bass response often lost by the roar of the exhaust or the still of the water. Rounding up the Sport Series is a 10" subwoofer worthy of the Clarion name. This subwoofer offers flexible installation possibilities to overcome the obstacles often associated with marine installs.

## Rock your boat



### CMSW10.1s

Input MAX 350W

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



### CMSW10.1

Input MAX 350W

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



### CMCX7.1s

Input MAX 160W

SPORT SERIES 7" COAXIAL 2-WAY WATER RESISTANT SPEAKERS

- 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



### CMCS7.1

Input MAX 130W

7" 2-WAY WATER RESISTANT COMPONENT SPEAKER SYSTEM

- 130 Watts of Maximum Music Power • 7" 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



### CMCX7.1

Input MAX 160W

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



### CMDC7.1

Input MAX 120W

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



### CM1635

Input MAX 130W

6" 2-WAY WATER RESISTANT COMPONENT SPEAKERS

- 130 Watts of Maximum Music Power • 6" 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



### CM1625

Input MAX 100W

6" COAXIAL 2-WAY WATER RESISTANT SPEAKERS

- 100 Watts of Maximum Music Power • 6" 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



### CM1605

Input MAX 100W

6" DUAL CONE WATER RESISTANT SPEAKERS

- 100 Watts of Maximum Music Power • 6" 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

### Speakers Designed to Make Waves

Like all of our marine components, Clarion marine speakers are designed to flourish in the harsh marine environment. In fact, they meet and exceed the ASTM B117 and D4329 required for UV, salt and fog exposure. This is achieved by utilising an array of materials including polypropylene woofer cone, sanoprene rubber surround, gold plated terminals, rubber insulated tinsel leads, stainless steel mounting hardware and Centrex 814 grilles and frames. These materials are capable of handling the harsh marine environment while cruising lakes or racing across oceans. The outcome? Quality marine speakers that not only compliment each other with sound quality, but also cosmetic appeal.



## POWERED SUBWOOFER (NON-WATERTIGHT)

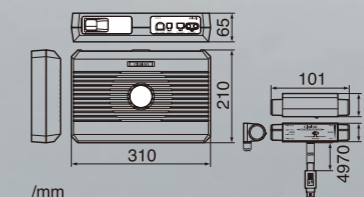


### SRV313

SLIM DESIGN 6.5" ACTIVE SUBWOOFER

- Dual voice coil • 120 W high power amplifier with low pass filter • Maxx Bass circuit for virtual bass enhancer • 6.5" counter drive woofer with dual-neodymium magnet • Air compression structure with aluminium 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 high level input

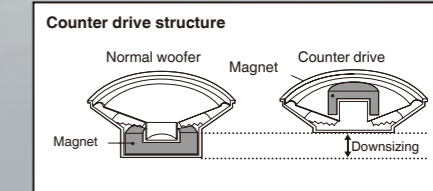
\*\*\*Maxx Bass\*\* is a patent of KS-Wares. Maxx Bass is a registered of KS-Wares.



### Stick wired remote control

The SRV313's stick wired remote control allows you to adjust the desired bass settings without leaving your seat

### Unique Counter Drive System Allows for Large 6.5" Woofer with Minimal Depth



By mounting a high efficiency motor assembly on to the front of the cone, Clarion's counter drive system allows for maximum cone area while minimizing speaker depth. This allows you to enjoy dynamic bass performance without taking up a lot of space.