clarion®

MARINE SYSTEMS

2016 PRODUCT PORTFOLIO

TAKE YOUR AUDIO EXPERIENCE TO GREATER DEPTHS WITH CLARION MARINE SYSTEMS

When it comes to superior sound performance and connectivity, Clarion Marine Systems offer an extraordinary audio and infotainment experience. From source units and amplifiers, to speakers and remote controls, Clarion Marine Systems deliver modern, innovative designs and a commitment to quality that ensures you receive best-in-class performance in audio and entertainment enhanced with genuine, marine grade durability and dependability.

Our legendary passion for audio and perfecting the art of entertainment for today's active lifestyle continues to make Clarion an enduring brand that captures the spirit of the open water. We invite you to explore the world of Clarion Marine and discover our expanded line of advanced, rugged, all-weather marine products.

clarion® MARINE SYSTEMS

MARINE SOURCE UNITS

Designed & Engineered Specifically with Marine Performance & Durability in Mind

WATER RESISTANT | **SALT & SUN DURABILITY** | **DESIGNED FOR iOS DEVICES** | **BLUETOOTH STREAMING**

- Meets or Exceeds ASTM B117 (Salt Fog Exposure)
- Meets or Exceeds ASTM D4329 (UV Exposure)
- HumiSeal Coated PC Board
- Low Power Consumption When Powered Off
- Pandora Internet Radio Control via iPod/iPhone USB (CMS2 Excluded)
- SiriusXM Ready (M205 Excluded)
- Bluetooth Audio Streaming with aptX (M303 Excluded)

WORKS WITH PANDORA

SiriusXM READY

aptX csr

SOURCE UNITS

CMS5

MARINE "BLACK BOX" DIGITAL MEDIA RECEIVER WITH WATERTIGHT COMMANDER

- IP67 Rated 4.3" Optically Bonded Color LCD Commander
- Linux Operating System with ARM9 CPU
- Global AM/FM/WB Tuner
- iPad/iPod/iPhone/USB Ready (2.1A Dual USB)
- 2 Audio/Video RCA Inputs
- Marine 2-Zone Source/Volume Control
- 50 Watts X 4 Built-in Amplifier
- 8-Channel/4-Volt RCA Outputs (2-Ch. Fixed)
- 5-Band Equalizer
- Built-in Low-Pass Crossover
- 3rd Party Interface Port (J1939 CAN BUS)
- Dedicated Camera Input
- Wired Marine Remote Ready

CMS2

MARINE "BLACK BOX" DIGITAL MEDIA RECEIVER WITH WATERTIGHT COMMANDER

- IPX6 Rated 3-Line Full DOT Matrix LCD Display
- Global AM/FM/WB Tuner
- iPhone/iPod/USB Ready
- Auxiliary Audio RCA Input
- 50 Watts X 4 Built-in Amplifier
- 6-Channel/2-Volt RCA Outputs
- Built-in High & Low-Pass Crossovers
- Wired Marine Remote Ready

CMD8

MARINE WATERTIGHT CD/USB/MP3/WMA RECEIVER

- IPX5 Rated Watertight Escutcheon
- Integrated Drip Shield
- 2-Channel RCA Auxiliary Audio Input (Rear)
- Rear USB with Water Resistant Cap
- 45 Watts X 4 Built-in Amplifier
- 4-Channel/2-Volt RCA Output
- Built-in High & Low-Pass Crossovers
- Wired Marine Remote Ready

M606

NEW!

MARINE BLUETOOTH WATERTIGHT 4-ZONE DIGITAL MEDIA RECEIVER

- IP65 Rated Watertight Front Panel
- IPX3 Rated Stainless Steel Chassis
- iPhone/iPod/USB Ready (2.1A USB)
- Global AM/FM/WB Tuner
- 2 RCA Auxiliary Audio Inputs (Rear)
- Rear 2.1A USB with Water Resistant Cap
- 50 Watts X 4 Built-in Amplifier
- 8-Channel (4 zones)/4-Volt RCA Output
- Built-in High & Low-Pass Crossovers
- Wired Marine Remote Ready

M505

USB/MP3/WMA RECEIVER WITH BUILT-IN BLUETOOTH

- Two Line Positive LCD
- Global AM/FM/WB Tuner
- Front iPhone/iPod/USB Connection with Cover
- Front 3.5mm AUX Input with Cover
- Low Pass Crossovers
- Dedicated Fixed 2ch Audio Output
- 6-Channel/ 4V RCA Output
- 50W X 4 MOSFET Amplifier
- OEM Steering Wheel Remote Control Interface Ready
- Wireless Remote Controller Included
- Wired Marine Remote Control Ready

M205

USB/MP3/WMA RECEIVER WITH USB & AUX

- Two Line Positive LCD
- Global AM/FM/WB Tuner
- Front iPhone/iPod/USB Connection with Cover
- Front 3.5mm AUX Input with Cover
- Low Pass Crossovers
- 4-Channel/ 2V RCA Output
- 50W X 4 MOSFET Amplifier
- OEM Steering Wheel Remote Control Interface Ready
- Wireless Remote Controller Optional

M303

MARINE BLUETOOTH CD/USB/MP3/WMA RECEIVER

- Two Line Positive LCD
- Built-in Parrot Bluetooth for HFP/A2DP
- Built-in Microphone
- 2-Channel RCA Auxiliary Audio Input
- Rear USB with Water Resistant Cap
- 45 Watts X 4 Built-in Amplifier
- 4-Channel/2-Volt RCA Output
- Built-in High & Low-Pass Crossovers
- Wireless Remote Control Ready with Optional RCX001
- Wired Marine Remote Control Ready

SPEAKERS & SUBWOOFERS

Marine Quality & Durability with Exceptional Performance

WATER RESISTANT

SALT & SUN DURABILITY

SUPERIOR SOUND

BUILT TO LAST

- Water Resistant
- Mica-Injection Polypropylene Woofer Cone
- Santoprene Rubber Surrounds
- Ferric Oxide Magnets
- Die Cast Aluminum (CMQ Series) & High Impact ASA Plastic (CMG Series) Speaker Baskets
- High Impact ASA Plastic Grills

- Compression Horn Tweeters (CMQ Series)
- Meets or Exceeds ASTM B117 (Salt Fog Exposure)
- Meets or Exceeds ASTM D4329 (UV Exposure)
- Rubber Mounting Gaskets and Liquid Drainage System
- Magnetic Shielding Integrated Into the Basket
- Stainless Steel Mounting Hardware Included

CMQ SERIES SPEAKERS

CMQ6922R
6 X 9-INCH MARINE COAXIAL SPEAKER SYSTEM

- 160 Watts Maximum Power Handling
- 80 Watts RMS
- 6" x 9" Mica-Injection Polypropylene Woofer Cone
- 1-1/4" Compression Horn Tweeter

CMQ1622R
6-1/2-INCH MARINE COAXIAL SPEAKER SYSTEM

- 120 Watts Maximum Power Handling
- 60 Watts RMS
- 6-1/2" Mica-Injection Polypropylene Woofer Cone
- 1-1/4" Compression Horn Tweeter

CMQ2512W
10-INCH MARINE SUBWOOFER

- 400 Watts Maximum Power Handling
- 180 Watts RMS
- 4-Ohm Single Voice Coil
- Corrosion Resistant Nickel Plated
- Sealed, Ported Enclosure, or Infinite Baffle Applications
- Subwoofer Grill Included

CMG SERIES SPEAKERS

CMG1622S
6-1/2-INCH MARINE COMPONENT SPEAKER SYSTEM

- 120 Watts Maximum Power Handling
- 60 Watts RMS
- 6-1/2" Mica-Injection Polypropylene Woofer Cone
- 1-1/4" PEI Cone Tweeter
- Angled Surface Mounting Tweeter Housing Included

CMG1622R
6-1/2-INCH MARINE COAXIAL SPEAKER SYSTEM

- 100 Watts Maximum Power Handling
- 50 Watts RMS
- 6-1/2" Mica-Injection Polypropylene Woofer Cone
- 1-1/4" PEI Cone Tweeter

CMG1722R
7-INCH MARINE COAXIAL SPEAKER SYSTEM

- 100 Watts Maximum Power Handling
- 50 Watts RMS
- 7" Mica-Injection Polypropylene Woofer Cone
- 1-1/4" PEI Cone Tweeter

CMG2512W
10-INCH MARINE SUBWOOFER

- 350 Watts Maximum Power Handling
- 150 Watts RMS
- 4-Ohm Single Voice Coil
- Subwoofer Grill Included
- Sealed, Ported Enclosure, or Infinite Baffle Applications

MARINE AMPLIFIERS

Powerful, Compact, Efficient

- DISCRETE & COMPACT DESIGN
- SALT & SUN DURABILITY
- SUPERIOR SOUND
- BUILT TO LAST

- Class D Power Supply and Output Stages
- Power MOSFET Switching Transistors
- Amplifier Power Standard CEA-2006 Compliant
- HumiSeal Coated PCB
- Hard Anodized Aluminum Heatsink
- Pulse Width Modulation Regulated Power Supply

Using MOSFET power devices, the Class D amplifier circuitry is able to deliver incredible performance in compact dimensions. In a digital amplifier, a Pulse Width Modulator (PWM) expresses a low-frequency audio signal as a wide pulse, and a high-frequency audio signal as a narrow pulse. This then undergoes digital-to-analog conversion for output. High power conversion efficiency means less power wasted and less heat generated, therefore an absence of bulky heat sinks.

CM2223R

8.8-INCH MARINE COXIAL SPEAKER SYSTEM

NEW!

- 200 Watts Maximum Power Handling
- 90 Watts RMS
- Water Resistant
- Mica-Injection Polypropylene Woofer Cone
- 1" Aluminum Dome Tweeter
- Ferric Oxide Magnets
- High Impact LG Plastic Grills
- Meets or Exceeds ASTM B117 (Salt Fog Exposure)
- Meets or Exceeds ASTM D4329 (UV Exposure)
- Magnetic Shielding Integrated Into the Basket
- Stainless Steel Mounting Hardware Included

CM7123T

7X10-INCH MARINE TOWER SPEAKER WITH SWIVELING CLAMPS

NEW!

- 200 Watts Maximum Power Handling
- 90 Watts RMS
- Water Resistant
- Unique 7" x 10" design allows for maximum cone area and a lower profile on the tower
- Mica-Injection Polypropylene Woofer Cone
- Lightweight aluminum swivel with 360° turning radius for ultimate convenience
- 1" Aluminum Dome Tweeter
- Meets or Exceeds ASTM B117 (Salt Fog Exposure)
- Meets or Exceeds ASTM D4329 (UV Exposure)
- Stainless Steel Mounting Hardware Included

XC2510

COMPACT MARINE 5-CHANNEL AMPLIFIER

NEW!

- 700 Watts of Maximum Power Output
- 75 Watts X 4 + 300 Watts X 1 @ 2 Ohms
- 50 Watts X 4 + 200 watts X 1 @ 4 Ohms
- 150 Watts X 2 @ 4 Ohms Bridged
- 15-30kHz Frequency Response (Ch. 1-4) 15-250Hz (Ch. 5)
- 15-250Hz Variable 12dB/ Oct High Pass Crossover (Ch. 1-4)
- 35-250Hz Variable 12dB/ Oct Low Pass Crossover (Ch. 5)
- 0-12dB Bass Boost @ 50Hz (Ch. 5)
- ≥ 70dB SN Ratio
- Independent Variable Gain Control
- 6 Channel RCA Input
- 4 Channel High Level Input
- Pigtail Connections
- Double Layer PCB
- Dimensions: 11.02"(W) x 4.33"(L) x 1.54"(H)

XC2410

COMPACT MARINE 4-CHANNEL AMPLIFIER

NEW!

- 400 Watts of Maximum Power Output
- 75 Watts X 4 @ 2 Ohms
- 50 Watts X 4 @ 4 Ohms
- 150 Watts X 2 @ 4 Ohms Bridged
- Compact Class D Design 4 Channel Amplifier
- 15-30kHz Frequency Response
- 15-250Hz Variable 12dB/Oct High Pass Crossover
- ≥ 70dB SN Ratio
- Independent Variable Gain Control (Per Pair)
- 4 Channel RCA Input
- 4 Channel High Level Input
- Pigtail Connections
- Double Layer PCB
- Dimensions: 7.17"(W) × 3.23"(L) × 1.54"(H)

XC2110

COMPACT MARINE MONO AMPLIFIER

NEW!

- 400 Watts of Maximum Power Output
- 300 Watts X 1 @ 2 Ohms
- 200 Watts X 1 @ 4 Ohms
- Compact Class D Design Mono Amplifier
- 15-250Hz Frequency Response
- 35-250Hz Variable 12dB/ Oct Low Pass Crossover
- 0-12dB Bass Boost @ 50Hz
- ≥ 70dB SN Ratio
- Variable Gain Control
- 2 Channel RCA Input
- 2 Channel High Level Input
- Pigtail Connections
- Double Layer PCB
- Dimensions: 7.85"(W) x 3.23"(L) x 1.54"(H)

MARINE REMOTES & ACCESSORIES

Exclusively Designed to Enhance Your Experience with Clarion Marine Systems

MF2

MARINE WI-FI APP REMOTE

NEW!

- Up to 100' Range
- Made for iPod/iPhone/iPad
- Backward Compatible with 2009 & Newer Source Units

FREE APP DOWNLOAD! | **WORKS WITH WI-FI**

MW4

MARINE WIRED REMOTE

- 2.8" Optically Bonded Color LCD Display
- IP67 Water Resistant Rating
- White LED Button Illumination
- Surface Mount
- Backward Compatible with 2009 & Newer Source Units

MW1

MARINE WIRED REMOTE

- 2-Line Positive LCD Display
- IPX5 Water Resistant Rating
- White LED Button Illumination
- HumiSeal Coated PCB
- Flush Mount, 3" Hole Cut Out
- Backward Compatible with 2009 & Newer Source Units

MF1

WATERPROOF RF FLOATING REMOTE

- IP67 Water Resistant Rating
- Up to 100' Range, No Line of Sight Required
- Secure Clip for Docking
- Internal Sealed Replaceable Battery

BKU003

FLUSH MOUNT KIT FOR CMS 1 AND CMS2 COMMANDER

- Secure mounting bracket
- Meets or exceeds ASTM D4329 UV exposure

BKU004

ALUMINUM SURFACE BRACKET FOR THE CM7123T TOWER SPEAKER

- Lightweight Aluminum Die-Cast construction

CCAUSBAV

FLUSH MOUNT FEMALE 3.5MM TO MALE RCA A/V & USB EXTENSION CABLE

- 3' UV Coated Cable and Integrated Cover
- Requires 1" Cut-Out

MWRXCRET

MARINE WIRED REMOTE EXTENSION

- 25' Extension Cable
- Backward Compatible with 2009 & Newer Source Units

MWRYCRET

MARINE WIRED REMOTE "Y" CABLE

- 1-Male to 2-Female
- Backward Compatible with 2009 & Newer Source Units

PRODUCT REVIEWS

The Ultimate Proof: Consumer Satisfaction

★★★★★ **GREAT STEREO**

"I installed this head unit [Clarion M505] in my 04 Electraglide and just got done with a 1,000 mile run in 21 Hours and it was going strong the whole time! I ran through about 300 miles of rain with it and not a glitch... Great back lighting, great sound and having the Pandora option saved me from constantly searching for radio stations for each state that I tackled through. I'm very happy with the purchase!"

F.C., Ohio

★★★★★ **GREAT REMOTE.....**

"Ordered the M505 for all the expandability options and installed in the cabin of my cruiser and connected the MW1 remote for easy control from the cockpit. The remote is great. Easy to use and screen is designed well so there's no problem seeing it even on a sunny day on the water ..."

B.M., Michigan

★★★★★ **LOVE IT!**

"... IT WORKS! I can be outside the boat on the dock and still change songs and adjust my volume etc [using my Clarion MF1 Remote]. For a long time I hated that my stereo remote was the old round unit by the helm station. That meant whenever I was anywhere else relaxing and a song came on that I wanted to skip, or the volume needed adjustment, I had to get up. No more! Highly recommended and I have no issues with the range. Best upgrade to my sound system to date!"

V.A., Virgina

★★★★★ **ABSOLUTELY THE BOMB!**

"... This thing [CMD8] is sweet. The bass is unreal. The Sirius and Pandora options are great ... It sounds better than the $2,000 system in my truck ..."

F.B., Florida

★★★★★ **EASY INSTALLATION, GREAT SOUND**

"This [Clarion M303] head unit replaced an older Clarion which came factory installed with the boat. The speaker/power multi pin connector was identical to the older unit so installation was a breeze ... Clarion MF1 radio remote [purchased separately] works perfectly without any programming. Replacing the old Clarion with this unit was as easy as plug and play. Custom 3 band equalizer gives a nice rich sound ..."

P.P., North Carolina

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