

2015

PRODUCT PORTFOLIO

clarion[®]
moves you · connects you


MARINE SYSTEMS



TAKE YOUR AUDIO EXPERIENCE TO GREATER DEPTHS WITH CLARION MARINE SYSTEMS

clarion
75
Since 1940
ANNIVERSARY

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. As we embark on celebrating 75 years of designing and manufacturing state-of-the-art audio and entertainment systems, 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



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
- Bluetooth Stereo Audio Streaming with aptX
- iPad/iPod/iPhone/USB Ready (2.1A Dual USB)
- SiriusXM Ready (SXV100/200/300)
- 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
- Bluetooth Stereo Audio Streaming with aptX
- iPhone/iPod/USB Ready
- SiriusXM Ready (SXV100/200/300)
- 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
- SiriusXM Ready (SXV100/200/300)
- 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



M303

MARINE BLUETOOTH CD/USB/
MP3/WMA RECEIVER

- Two Line Positive LCD
- Built-in Parrot Bluetooth for HFP/A2DP
- SiriusXM Ready (SXV100/200/300)
- Built-in Microphone & External Microphone Ready
- 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 Ready



NEW!

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
- SiriusXM Ready (SXV100/200/300)
- Front 3.5mm AUX Input with Cover
- Low Pass Crossovers
- Dedicated Fixed 2nd Zone 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



NEW!

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



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 Grilles
- 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



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



CMQ1322R
5-1/4-INCH MARINE COAXIAL
SPEAKER SYSTEM

- 100 Watts Maximum Power Handling
- 50 Watts RMS
- 5-1/4" 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 Grille Included



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 Grille 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.



XC6610

HIGH PERFORMANCE 6-CHANNEL CLASS D AMPLIFIER

- 1,000 Watts of Maximum Power Output
- 250 Watts X 3 @ 4-Ohms Bridged
- 125 Watts X 6 @ 2-Ohms
- 85 Watts X 6 @ 4-Ohms
- Variable High-pass and Low-pass Crossovers
- Variable Bass Boost (Ch. 5-6)
- $\geq 80\text{dB}$ SN Ratio
- Concealed Connections and Adjustments
- Dimensions: 11-3/8" (W) \times 2-3/16" (H) \times 6-7/8" (D)



XC2510

COMPACT MARINE 5-CHANNEL AMPLIFIER

- 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 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)
- $\geq 70\text{dB}$ SN Ratio
- Independent Variable Gain Control
- 6 Channel RCA Input
- 4 Channel High Level Input
- Pigtail Connections
- Double Layer PCB
- Dimensions: 11.02" (W) \times 4.33" (L) \times 1.54" (H)



XC2410

COMPACT MARINE 4-CHANNEL AMPLIFIER

- 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
- $\geq 70\text{dB}$ 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) \times 3.23" (L) \times 1.54" (H)



XC2110

COMPACT MARINE MONO AMPLIFIER

- 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
- $\geq 70\text{dB}$ SN Ratio
- Variable Gain Control
- 2 Channel RCA Input
- 2 Channel High Level Input
- Pigtail Connections
- Double Layer PCB
- Dimensions: 7.85" (W) \times 3.23" (L) \times 1.54" (H)

MARINE REMOTES & ACCESSORIES

Exclusively Designed to Enhance Your Experience with Clarion Marine Systems

MF2 MARINE WI-FI APP REMOTE

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



NEW!



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



MW2 MARINE WIRED REMOTE

- IPX5 Water Resistant Rating
- White LED Button Illumination
- Wireless IR Remote Ready
- HumiSeal Coated PCB
- Flush Mount, 2" 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



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

★★★★★ 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

★★★★★ 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

★★★★★ SLIM, LIGHTWEIGHT, POWERFUL AND EASY TO USE

"Installed a few weeks ago and thrilled with the purchase. The amp [XC6610] is lightweight and because of its size, was very easy to mount. I don't write many reviews but this amp definitely earned it. Nicely done Clarion..."

C.F., Michigan



clarion®



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