

Notes

- Specification and design are subject to change without notice.
- Photos are non-binding. The manufacturer and importer do not take responsibility for any printing errors.
- Dolby, Dolby Surround, Pro Logic and the double-D symbol are trademarks of Dolby Laboratories.
- dts is a trademark of Digital Theater System, Inc.
- Microsoft Windows and Windows CE Logo are either registered trademarks of Microsoft Corporation in the United States and/or other countries.
- iPod is a trademark of Apple Computer, Inc, registered in the U.S. and other countries.
- All other trademarks are the property of their respective owners.
- All units in this catalogue are primarily intended for installation in passenger cars. Use in lorries, tractors, off-road vehicles, construction machinery, boats, and other special-purpose vehicles or on motorcycles is not recommended.
- There's no guarantee that all units in this catalogue play CCCD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD±R/RW.
- Clarion Corporation of America is a member of the Consumer Electronics Association, Mobile Enhancement Retailers Association and the Consumer Electronics Manufacturers Association.

WARNING: Driver is prohibited by law from viewing a video signal on any in-dash monitor while the vehicle is in motion.

WARRANTY

All Clarion products are covered by a Limited One Year Parts and Labor Warranty. The following Clarion products have a Limited Two-Year Parts and Labor Warranty when purchased from and installed by an authorized Clarion Dealer: DRZ9255, DXZ865MP, DXZ765MP, DXZ665MP, DXZ465MP, DFZ675MC, DPX11500, DPX1800 and DPX2250.

CLARION CORPORATION OF AMERICA

661 W. Redondo Beach Blvd., Gardena, CA 90247-4201 U.S.A.
Tel 310.327.9100 Fax 310.327.1999 www.clarion.com

CLARION CANADA

2239 Winston Park Dr., Oakville, Ontario L6H5R1 Canada
Tel 905.829.4600 Fax 905.829.4608 www.clarioncanada.com

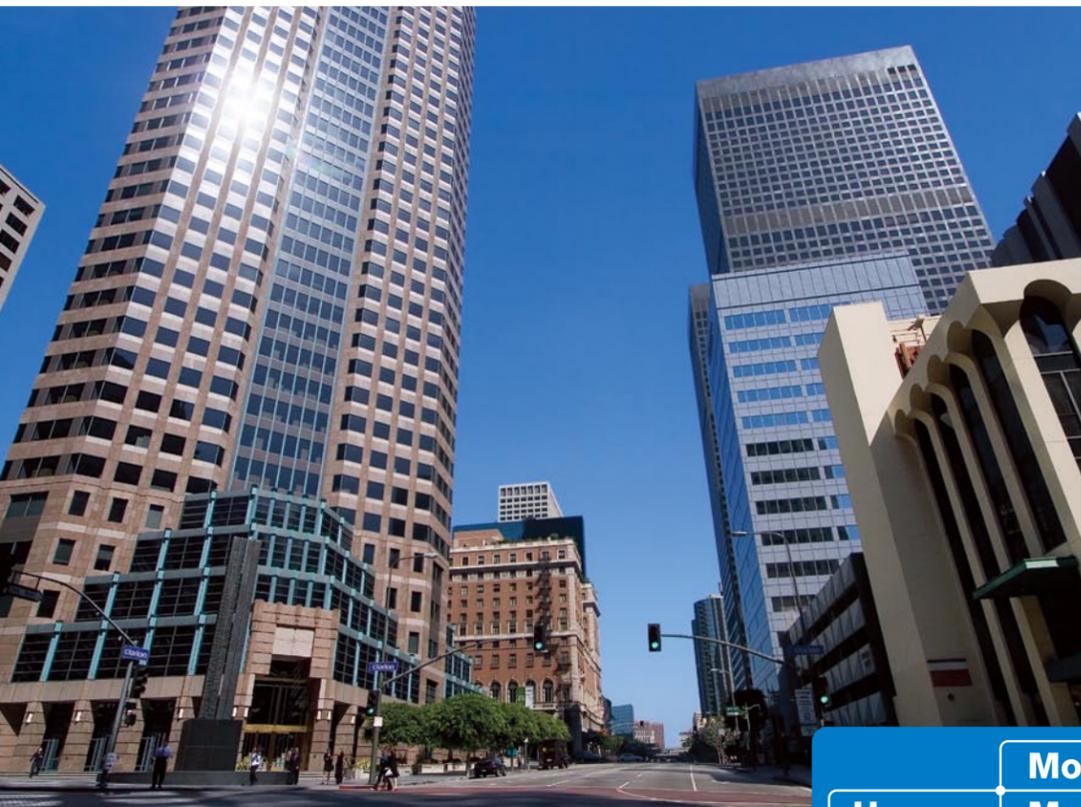
LATIN AMERICA DIVISION

7205 Corporate Center Drive, Suite 303 Miami, FL 33126 U.S.A.
Tel 305.406.0999 Fax 305.406.0964 infolac@clarion.com

clarion

clarion

2006 Catalog for Car Audio, Multimedia, and Marine Products



Human Mobile
 Music Interface
 Media Clarion HMI

Clarion H.M.I.

Human Mobile Music Media Interface

Music, information, and mobility.
 Clarion seeks the ideal connection of these elements.

Clarion fulfills your dream for the ideal connection to mobile multimedia while on the road.

By connecting your music and information to the mobile environment in a user-friendly way, it enhances your experience for comfort and enjoyment.....complete satisfaction.

Let Clarion be the interface that creates the connection. For all people on the road, we always seek to provide convenience through new exciting and satisfying products.

Even the same roads that you have traveled so many times before will be vividly reborn in the world of Clarion Azzurro.

The new global brand, "Clarion".

Contents

04-07	Human and Machine as One - Human-Machine Interface (H.M.I.)	38-43	Marine Audio
08-21	Multimedia	44-57	Amplifiers / Subwoofers / Speakers
22-33	Source Units	58	Specifications
34-35	Sirius Satellite Radio	59	Feature Icons and Descriptions
36-37	Changers / Processors		

clarion

HUMAN AND MACHINE AS ONE – HUMAN-MACHINE INTERFACE (H.M.I.)

Clarion thoughtfully integrates digital technology and the human experience by creating mobile electronic products with a superior Human-Machine Interface (H.M.I.). Whether it's the pursuit of crystal clear sound reproduction, vibrant visual imaging, accurate route guidance, robust control features, or simply a better user experience, Clarion has you covered. The driving force behind the 2006 product lineup is about a new way of thinking of the future. Technologies should be easy to use and enrich your lifestyle. Clarion has attentively engineered simplicity into their technology because how you interact with it is the primary objective in enjoying technology. Clarion: Driving Toward the Future.

Mobile

Transport Yourself to Another Dimension

Try to imagine: The tactile input of the steering wheel on the curves of a windy road. The aural sensations of crystal clear sound from songs who feel like an old familiar friend. The enveloping feeling of transporting yourself to another dimension with an entertainment system so vivid it's beyond your imagination. These experiences are unique and the possibilities are limitless. This extraordinary dimension of entertainment paradise in the car is made effortless with Clarion's advanced Human-Machine Interface. Clarion bridges the gap between the simple pleasures of entertainment on the go with thoughtfully engineered technology. Good used to be good enough. Clarion created the best solutions for the invaluable moments of automotive entertainment that make you take the long way home time after time.



Music

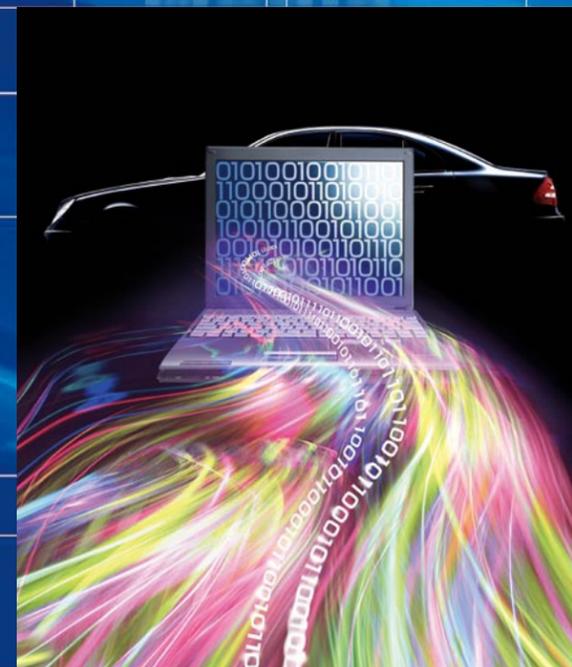


Pure Emotion in Every Note

Experience all the purity of emotion in every note of sound reproduction. Clarion understands that entertainment in the car began with, and still revolves around the music. Any company can make products for sound in the car, but Clarion's approach to musical reproduction is to create a mental picture of the subtle nuances produced by each instrument, voice and ambient influence in the original recording. Often the pursuit of technology means that you can do more with less and that is certainly the case of digital media storage. While many Clarion products fully support compressed media device compatibility (such as iPod, SD and USB devices) and file playback on virtually all recordable disc media, the product line also maintains the heritage of accuracy and purity in sound reproduction.

Integrating new technology into an in-car entertainment experience must, above all, make a difference you can see and hear. The uncompromising promise of Clarion's product development strategy is to drive toward the future, yet to do so with a level of precision that leaves listeners with an experience characterized as unleashing pure emotion.

Media



Powerful Digital Processing in Automotive Sound

Clarion's evolutionary commitment to sound reproduction is legendary. Today, our digital processing technology concentrates advanced sound quality innovations and an essential array of functions onto a single chip. With important attributes like digital time alignment, adjustable digital filters, parametric equalization, compressed media enhancement and spatial augmentation algorithms, Clarion has brought meaningful technology into a variety of new or reengineered products. Innovation and technology implementation to this degree is common only in expensive and complex home entertainment products. Clarion brings this digital technology to the car with an intuitive HMI that is user friendly, yet robust in control so that the unfriendly automotive environment can be massaged into conformity through the digital domain. Many processors make the sound seem different, but Clarion's powerful processing makes sound come alive.

TECHNOLOGY THAT REVIVES YOUR MUSICAL PASSION

Touch, Hear and See the Future... Today

The Optimedia display on Clarion's DXZ865MP responds to commands with almost effortless human touch displaying color images on the vivid 4.2-inch screen. Packed with useful features like MP3/WMA music file playback and CeNET connectivity, this unit has the foundation you need for a great system centerpiece.



Information and Access in Our Multimedia Controller

When information and control features reach new plateaus, the MAX675VD multimedia station is the result. Imagine all of the popular source components such as AM/FM, CD/DVD, iPod, Satellite Radio, CD/DVD Changers and HDD navigation available (and controlled through) one single unit. This is the heart of the Clarion's newest multimedia addition: the MAX675VD. An onboard AM/FM tuner and multi-format disc player allows playback of all traditional sources, including DVD-video and recordable disc media with encoded MP3 or WMA files. The unit shares the same iPod control and display capabilities (via touch screen) and 2-Zone Entertainment that is found in the single DIN VRX765VD, but this unit also adds connectivity and control of the latest Clarion Hard Disc Drive (HDD) navigation system. Both the MAX675VD and VRX765VD feature connectivity and control of any CeNET component which includes 5.1-channel surround processing, CD/DVD changers and Satellite Radio.



Sensible Controls: A Whole New Approach

If you imagined operating a sophisticated device with such an intuitive control layout that you could literally do it by blind-touch, you would be experiencing Clarion's ground-breaking Smart Key approach. This combination of elegant design and sensible control is integrated into many of our source units. Smart Keys are arranged in an orbital pattern around the volume control so each is easily recognized by touch, which enhances driver focus. Electric blue illumination, tactile button feedback, and easy to read labels add further ease of control to the Smart Key approach. Of course the secondary convenience of a hand held wireless remote control is a standard feature on many of the source units in the 2006 Clarion lineup. All of these examples add up to a new approach that lets you focus on the fun of mobile entertainment.



Digital Media Plays Without Limits

Clarion CD source units support CD-R and CD-RW encoded with MP3 and Windows Media Audio (WMA) files for easy "rip and go" solutions between a computer and source unit. Clarion's flagship multimedia units feature direct iPod integration for control, but many of the 2006 lineup have iPod control capabilities with the addition of the EA1251B iPod interface. Music enthusiasts with USB storage devices will appreciate Clarion's thoughtful integration of a USB port on new model. Simply plug in the USB device and you can access the MP3 or WMA files directly through the familiar controls of the unit's front panel. Whatever your digital media lifestyle includes, Clarion has a high technology, yet easy to use strategy for getting connected with your music. Digital media is about choices for where and when you experience your music. Clarion brings it into your car.



Now iPod Video Ready

Multimedia

Powerful Features, Seamless Technology Integration, The Future of Multimedia is Here

Clarion multimedia products for 2006 lead the way to the ultimate in-car entertainment experience. The flagship model VRX765VD offers a unique twist to the single DIN architecture by integrating features that allow multimedia experiences in the car to surpass the boundaries of your imagination. Twenty first century technologies like 5.1-channel surround sound processing, flawless disc playback, HDD navigation connectivity (only MAX675VD), touch screen control and unmatched iPod integration create an A/V control center that is both easy to use and installation friendly. Clarion's 2006 multimedia product line offers a completely re-engineered process of the Human Machine Interface (H.M.I.). We thought of the installation, configuration, and perhaps most importantly the end user. Clarion multimedia: Driving toward the future.

North American Destinations and Route Guidance at Your Fingertips

Clarion's advanced Hard Disc Drive (HDD) navigation with a 30GB capacity ensures that the potential of travel convenience blends effortlessly into their user-friendly navigation system interface. Intended for pairing with the MAX675VD 2-DIN multimedia station, the user can leverage the power of voice commands and touch screen control to quickly and accurately integrate navigation into everyday driving. A superior HMI offering colorful mapping representation and

True iPod Integration Without Complications

The attachment of the iPod to mobile audio systems is not unique, but Clarion offers the industry's most robust and integrated iPod connectivity. All of the information and control that is built-in an iPod can be intuitively accessed with the

Crystal Clear Images and Sound so Authentic You Will Forget You're in a Car

Clarion's multimedia displays offer a viewing intensity previously not available in the vehicle environment. Theater quality DVD-video playback combined with the enveloping capacity of 5.1-channel surround sound processing ensures an experience that rivals the most impressive home theater system. With advanced



Dolby Digital and dts decoding, Clarion's multimedia solutions have the latest technologies packaged intelligently into products that provide exceptional entertainment value, yet are still user friendly. Multimedia should be fun and exciting for passengers in your car and Clarion has what you need to make the journey more than just a trip—it's an experience.



3D menu selections make it both safe and convenient for drivers to enter and locate destinations all over the USA and Canada. Clarion's own high performance "speech recognition" technology adds an additional layer of control flexibility with an unsurpassed level of driver safety. A compact GPS antenna interrupts satellite signals for accurate vehicle positioning within 30 feet. Getting lost or off course is no longer an issue when a Clarion navigation system takes you there.



touch panel features of Clarion's multimedia control centers. Users can access all of the songs and playlists that are visible in iTunes directly from the Clarion multimedia controller. There's no need to learn any new procedures or secret handshakes. Clarion multimedia means true integration.



Now iPod Video Ready

Finally, Integrated Entertainment Solutions for Mobile Enthusiasts

Entertainment at its best. That's how Clarion's multimedia units are engineered. From the audio purity of the same 24-bit DAC's found in the legendary DRZ9255 to the visual resolution of high quality TFT displays, Clarion reacts to the demands of the true mobile entertainment enthusiast. Our navigation systems add safety and convenience to the drive so every occupant enjoys the benefits of our technology. At Clarion, we're driving in-car multimedia technology toward the future. Come along and experience the drive.

Audio & Visual

More Than a Song or a Video, it's an Awesome Automotive Experience

While there are numerous examples of audio and visual entertainment systems, nothing comes close to the Clarion multimedia products for 2006. The sonic purity, the visual integration, and the unmatched media flexibility make Clarion the leader of the industry. The sonic purity of 24-bit Digital-to-Analog converters allow digital media of all types to be reproduced with the greatest accuracy and 5.1-channel surround processing capabilities further elevate the sonic result into an ethereal listening experience. The seamless integration of visual source inputs make for easy switching between control screens and visual sources without the need for complex menu steps. The media flexibility of virtually every disc format (including MP3 and WMA), as well as iPod integration and 2 independent media delivery zones make Clarion's latest multimedia products truly remarkable.



Navigation

Clarion Navigation Takes You There Hassle-Free, So Sit Back and Enjoy the Drive

Even a driver who is totally integrated into their surroundings and familiar with the roads has better things to do than plan routes and research destinations. Clarion's seamless integration of navigation technology brings near military-spec location accuracy into the roads and highways of urban digital mapping. The integrated 30GB Hard Disc Drive (HDD) navigation system coupled with a robust, graphical Human Machine Interface (HMI) makes the technology of "getting there" seem more like an ideal opportunity to relax and enjoy the on-board entertainment of Clarion's multimedia masterpieces. Mapping data covers the entire USA as well as Canada, so wherever it is you are planning to go, Clarion navigation can take you there safely, accurately and conveniently.



True Connectivity

Expanding the Multimedia System's Features is Virtually Effortless

Not all in-car multimedia systems have the same features and not every enthusiast has the same needs. Clarion's expert product engineering teams have devised a way for the wide range of features to integrate seamlessly with Clarion CeNET multimedia controllers. Any of the peripheral devices that have CeNET connectivity can literally plug into the network and begin functioning with other devices in a Clarion multimedia system. No longer is there a complex series of power, control and audio connections for each device that connects to the in-dash control unit. CeNET connectivity enables Satellite Radio, HDD navigation, CD/DVD Changers, TV tuner, 5.1 Surround Sound and more. With the true connectivity of an easily expandable multimedia system, Clarion has your current and future needs covered.

Multimedia Station



Capabilities that are Useful, Control that is Intuitive, Connections that Make Sense... Clarion Multimedia has it Covered.

With leading edge products like the MAX675VD 2-DIN DVD multimedia station and the NAX970HD Hard Disc Drive (HDD) navigation, Clarion is driving towards the future and making technology easy to use. With touch screen control and virtually endless media playback capabilities, Clarion multimedia has it covered.



MAX675VD
2-DIN DVD MULTIMEDIA STATION WITH TOUCH PANEL CONTROL



NAX970HD
HDD NAVIGATION SYSTEM



Understated Elegance with Capacity Beyond Your Dreams



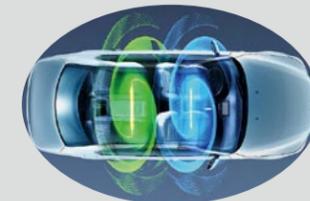
True iPod Integration, Audio, Control and Charging

Clarion's latest iPod integration into the VRX765VD allows complete, on screen viewing and control of all third-generation and newer iPod units (including Photo, Nano, Mini and fifth generation iPod with video). Clarion introduced on-screen iPod emulation in 2005 and is the first to introduce iPod video integration in 2006. The embedded interface in the VRX765VD provides a familiar touch sensitive control interface, full preamp level audio integration and iPod charging directly from the unit.



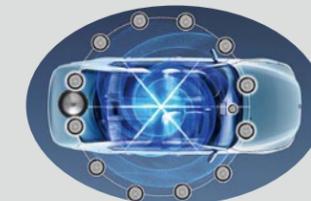
Intuitive, Easy to Navigate Control Menus

The 7-inch fold-away touch screen monitor of the VRX765VD is the hub for all control functions, information display, and (of course) viewing any of the connected video source components. The simple and intuitive control menus allow the user effortless navigation of the VRX765VD functions without losing focus on the task of driving.



True 2-Zone Media Distribution

Clarion's 2-Zone Entertainment feature achieves new heights in 2006. VRX765VD users get additional front-seat listening options while rear-seat passengers can watch and listen to a completely separate source via wireless headphones. All of this control is built right into the VRX765VD; No black boxes required. So, plug in an iPod, switch on Satellite Radio, or listen to a CD or any other CeNET compatible audio source and transform your dashboard to a full blown multimedia control center.



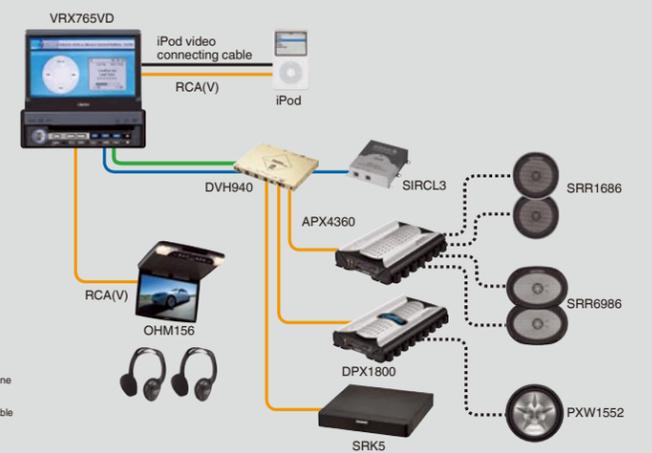
Dolby Digital and dts In True 5.1-Channel Surround

The home theater experience hits the road. Today's home entertainment experience incorporates discrete, multi-channel processing of music and movie soundtracks. Now with Clarion's VRX765VD compatible 5.1-channel surround processing unit, the magic of true Dolby Digital and dts surround sound is delivered with all the warmth and clarity of the original material. CD's, MP3's, WMA files and even FM all transform into realism that only Dolby Pro-Logic II matrix processing can create. Multiple front channels (left, center and right) along with rear surrounds and a low frequency effects (LFE) channel form a realistic theater quality experience right in the car.

The VRX765VD demonstrates how a traditional DIN sized unit can accommodate a variety of multimedia features far beyond imagination. The CeNET backbone of this unit allows a seamless integration strategy of the all the best Clarion multimedia peripherals, yet the HMI is still intuitive and easy to operate for the end user. Clarion went to tremendous lengths to improve on an already successful design so that the VRX765VD would be the centerpiece of an in-car entertainment system for technologies both now and tomorrow. The convenience of touch screen control and ubiquitous media playback means the VRX765VD practically does the thinking for you. With a 24-bit Digital-to-Analog converter (DAC) and 5.1 surround processing capabilities, audio entertainment is delivered with purity and unmistakable accuracy. Add Satellite Radio, fully integrated iPod connectivity and the ability to manage media playback in 2 independent zones and it's no wonder the VRX765VD is the ultimate multimedia system controller.

VRX765VD System Architecture Examples

By installing the VRX765VD multimedia station as your main unit, integration with the latest technologies as well as unsurpassed, multi-channel audio and video control are just the beginning of the excitement.



VRX765VD

DVD MULTIMEDIA STATION WITH TOUCH PANEL CONTROL



Detachable Control Panel

- Fully Motorized 7-Inch LCD • Touch Panel Control with Soil-Resistant Finish • 3-Band Parametric Equalizer • Built-in Amplifier Canceller • DVD±R/RW Ready • CD-R/RW Ready • iPod Control • CeNET Control of: DVD Changer (easy), 5.1-Channel Processor, TV Tuner, 6-Disc CD Changer and Satellite Receiver • 1-Channel Video Output • 6-Channel RCA Line Level Output • 200 Watt Amplifier (50 Watts x 4 Channels)

CEA 2006 Power Ratings
19W x 4 RMS [4Q@14.4V ±1% THD+N]
S/N 75dB (Ref:1W into 4Q)



Now iPod Video Ready



7-Inch Wide Monitor with Touch-Panel and Smart-Touch Operation

The 7-inch, advanced technology touch screen monitor of the MAX675VD is the hub for all control functions, information display and (of course) viewing any of the connected video source components. The display also provides unequalled visual clarity of digital map screens when connected to the optional HDD navigation. The touch screen has specially been treated to prevent damage from sustained fingertip contact so it will last. In addition, a smart-touch operation system has been incorporated which enables the control of high-performance operations without having to sacrifice visual resolution. By operating the easy-to-understand layout and intuitive one touch control, it is possible to execute high performance operations with the simplest one-touch commands.



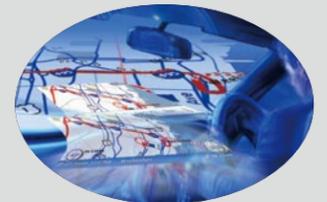
Enjoy Virtually all Digital Media

Why bother with multiple source units for each media format when the MAX675VD has all the capabilities you need? It plays conventional CD and DVD-Video discs, most recordable disc media (including MP3 and WMA encoded files), and it has the only true iPod integration that displays the iTunes library. Clarion introduced on-screen iPod control emulation in 2005 and is the first to introduce video integration in 2006. And, for added flexibility, it easily connects to other CeNET digital sound components.



High-Capacity 30 GB Hard Disc Drive (HDD) Navigation System

Clarion's MAX675VD 2-DIN multimedia station seamlessly integrates with the advanced Hard Disc Drive (HDD) navigation and forms an unparalleled, intuitive navigation system interface. Users can leverage the power of voice commands and touch screen control to quickly and accurately integrate navigation into everyday driving. A superior HMI offering colorful mapping representation and 3D menu selections courtesy of the graphic imaging IC make it both safe and convenient for drivers to enter and locate destinations all over the USA and Canada. Clarion's own high performance "speech recognition" technology adds an additional layer of control flexibility with an unsurpassed level of driver safety.



True 2-Zone Media Distribution

Clarion's 2-Zone Entertainment feature achieves new heights in 2006. MAX675VD users get additional front-seat listening options while rear-seat passengers can watch and listen to a completely separate source via wireless headphones. All of this control is built right into the MAX675VD; No black boxes required. So, plug in an iPod, switch on Satellite Radio or listen to a CD or any other CeNET compatible audio source and transform your dashboard to a full blown multimedia control center.



Finally There's a True, Integrated Solution for In-Car Digital Technologies

MAX675VD

2-DIN DVD MULTIMEDIA STATION WITH TOUCH PANEL CONTROL



The MAX675VD is one of the only true, integrated multimedia components available today, period. Sure it has all of the features you'd expect like touch screen control, DVD playback and voice recognition control of the optional HDD navigation system, but that's just the beginning of the integration. Consider the MAX675VD as the only true 2-DIN iPod controller in the industry with 5.1-channel surround processing capabilities, Satellite Radio connectivity and additional component connectivity for CD/DVD changers, TV tuner and additional video monitors. The integrated parametric equalization and 200 total watts of on-board power make this unit the only true, integrated digital media controller.

- Motorized Sloping Console 7-Inch LCD • Touch Panel Control with Soil-Resistant Finish • 3-Band Parametric Equalizer • Built-in Amplifier Cancellor • DVD±R/RW Ready • CD-R/RW Ready
- iPod Control • CeNET Control of: HDD Navigation, DVD Changer, 5.1-Channel Processor, TV Tuner, 6-Disc CD Changer and Satellite Receiver • RGB Input for Navigation • 1-Channel Video Output
- 6-Channel RCA Line Level Output • 200 Watt Amplifier (50 Watts x 4 Channels)



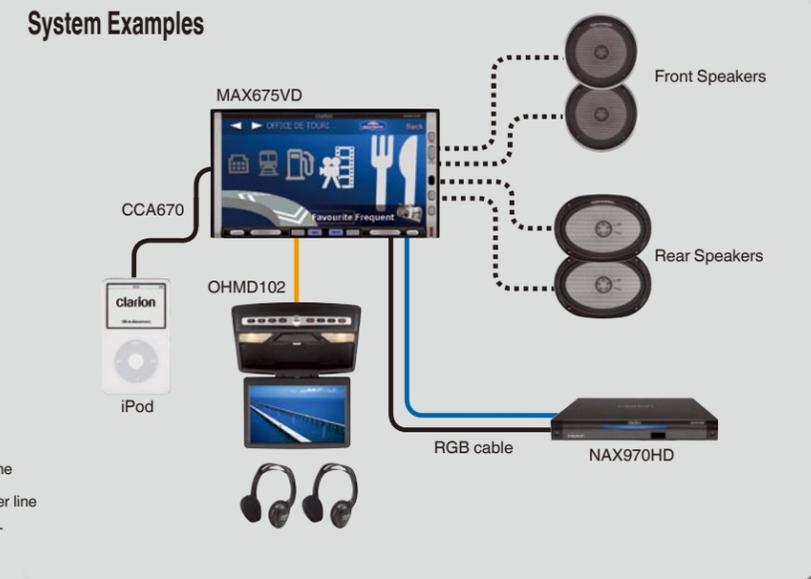
Now iPod Video Ready



Motorized Faceplate

At the touch of a button, the entire front panel of the MAX675VD moves out for easy disc loading and ejecting. By utilizing a complete 1 piece front panel design, the MAX675VD maximizes the space allotted for control and visual display.

System Examples



Whether You're a Driver or Passenger, Clarion has Mobile Entertainment Solutions

Clarion's innovative multimedia and mobile entertainment solutions cover everyone's needs whether it's the driver or passenger, a sound enthusiast or a movie buff, a gadget guru or someone intimidated by technology. We begin with a philosophy of quality and purpose in every product. Whether an overhead DVD system, a headrest monitor, a surround sound processor or multimedia disc changer, all of the Clarion multimedia solutions are created with seamless integration in mind. Audio entertainment with multiple media choices, including 5.1-channel Dolby Digital/dts surround sound and dual IR headphone capability, can make any trip more fun. Of course passengers have a variety of video screen choices and programming options including picture in picture split screen modes.



OHMD102 10.2" OVERHEAD FLIP-DOWN LCD WIDE MONITOR WITH DVD PLAYER



- DVD Video and Audio CD Compatible • DVD±R/RW Ready • CD-R/RW Ready • 10.2" TFT Color Monitor • 16:9/4:3 Adjustable Screen Format • On-screen Display • 1 AV Input • 1 AV Output • Built-in IR Transmitter (Include 2 WH104H) • FM Modulator Control • Infrared Remote Control • Easy-fit Universal Metal Mounting Bracket Included • Built-in Dome Lights • Supports NTSC and PAL • Dimensions: 10 5/8" (W) x 11 5/16" (H) x 2 5/16" (D)

2-Zone and Split Screen Entertainment

Clarion's split screen and picture-in-picture technologies can keep the whole family happy. Now the kids can play video games and watch a DVD movie at the same time. And, thanks to dual IR output technology, wireless headphones provide the ideal solution to dual-zone entertainment and family disagreements.



OHM156 15.4" OVERHEAD FLIP-DOWN LCD WIDE MONITOR

- 15.4" WXGA Color Monitor • 16:9/4:3 Adjustable Screen Format • On-screen Display • Picture in Picture (PIP) • 4 AV Inputs • 1 AV Output • Adjustable Split Screen Viewing • Infrared Remote Control • Easy-fit Universal Metal Mounting Bracket Included • Built-in Dome Lights • FM Modulator Control • Dimensions: 15 1/8" (W) x 13 1/4" (H) x 1 3/4" (D)



OHM106 10.2" OVERHEAD FLIP-DOWN LCD WIDE MONITOR

- 10.2" WXGA Color Monitor • 16:9/4:3 Adjustable Screen Format • On-screen Display • Picture in Picture (PIP) • 4 AV Inputs • 1 AV Output • Adjustable Split Screen Viewing • Infrared Remote Control • Easy-fit Universal Metal Mounting Bracket Included • Built-in Dome Lights • FM Modulator Control • Dimensions: 10 3/4" (W) x 9 1/4" (H) x 1 3/4" (D)



VMA7196 7" HEADREST/STAND-ALONE LCD WIDE MONITOR

- 7" TFT Color Monitor • 16:9/4:3 Adjustable Screen Format • On-screen Display • 2 AV Inputs • Built-in Dual IR Output for Headphone (Optional WH204H) • Infrared Remote Control • Easy-fit Universal Mounting Bracket Included • Supports NTSC and PAL • Dimensions: 8" (W) x 5 7/8" (H) x 1" (D)



VMA5096 5" HEADREST/STAND-ALONE LCD WIDE MONITOR

- 5" TFT Color Monitor • 16:9/4:3 Adjustable Screen Format • On-screen Display • 2 AV Inputs • Built-in Dual IR Output for Headphone (Optional WH204H) • Infrared Remote Control • Easy-fit Universal Mounting Bracket Included • Supports NTSC and PAL • Dimensions: 5 3/8" (W) x 4 1/4" (H) x 1" (D)



VCZ625 6-DISC DVD/CD/VIDEO/MP3 CeNET CHANGER



- 2 System Configurations Possible: Full Control with Remote Control/Easy Control with CeNET • DVD Video Playback with Multi-angle and Multi-functions (Depending on the Video Software) • Disc Indicator • 120° Mounting Capabilities • 8x Over Sampling Digital Filter • 2 RCA Video Outputs • Spring Loaded Silicon Oil Dampened Suspension • Zero Bit Detector Mute Circuit • 3-Beam Laser System • Dimensions: 9 1/6" (W) x 3 1/4" (H) x 7 13/16" (D)



DVH940 DOLBY DIGITAL/dts/CeNET PROCESSOR



- Built-in Decoder for Dolby Digital (AC3) and dts with 5.1-Channel Output • Built-in Decoder for Virtual 5.1-Channel "Dolby Pro Logic II" System • Integrated Digital Sound Field (DSF) Processor • Front/Center/Rear Surround Channels with Adjustable Crossover Frequencies (HPF) THROUGH /50/80/120 Hz • Adjustable Crossover Frequency (LPF) 50/80/120 Hz for Subwoofer • Optical Input • Includes Optical Cable: DCA-005 (5m) for MAX675VD/VRX765VD/VCZ625 • Analog Input with Adjustable HIGH/MID/LOW

DVC920 DOLBY DIGITAL/dts/CeNET PROCESSOR CONTROLLER



- Contrast Adjustment • Screen Saver • DVH940 commander available for any Main Unit with 2-Channel Audio Output



VS755 DVD/CD/CD VIDEO/MP3 PLAYER



- DVD±R/RW Ready • NTSC/PAL Formatted DVD Compatible • CD-R/RW and JPEG Image Disc Ready • MP3 Compatible with ID3 TAG • 16:9/4:3 Adjustable Screen Format • On-screen Display • 2 Audio/Video Inputs (Includes Front Panel A/V Input) • Plug-in Infrared Remote Receiver • Infrared Remote Control • Parental Level Settings



SRK5 1/2-DIN CENTER SPEAKER WITH AMPLIFIER



- 1/2-DIN Fixed Application • Fits in 1 DIN and 1/2-DIN Installation Kits • 50 Watt Amplifier • 20 Watts RMS • RCA Audio Input • Five 3/4" Full Range 4-Ohm Speakers in a Sealed Enclo-

sure with Two 1" Rear-mounted Midbass Reinforcement Speakers Ported to the Front of the Enclosure • Excellent Solution for 5.1-Channel Surround Systems

MSS430

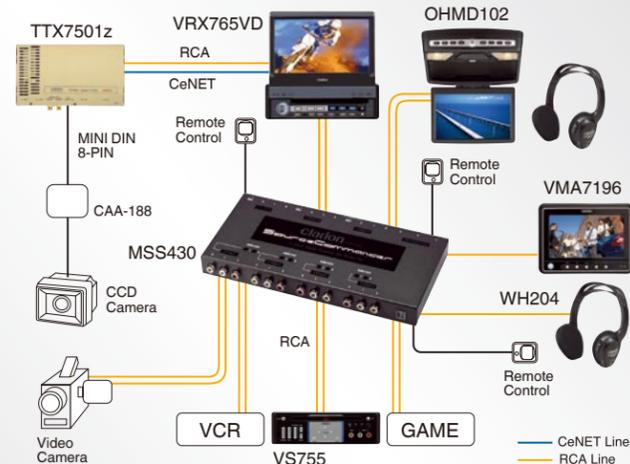
"SOURCE COMMANDER" MULTI-ZONE A/V SWITCHER

- Multi-Source Switching of 4 Audio/Video Source with up to 3 Different Zones (Monitors) • 4 RCA composite Audio/Video Inputs • 3 RCA composite Audio/Video Outputs • 3 Individual Wired Control Stations • Rear Camera Reverse Trigger Input • Allow Simple Switching among DVD, VCR, TV, Rear Vision Camera or Gaming System



Multi-Zone Systems

Clarion's MSS430 multi-zone "Source Commander" is an advanced audio and video switcher with a built-in video amplifier for exceptional video signal on up to three monitors using Composite Video inputs. It can accept up to 4 different video sources (such as DVD, Portable Media, Video Game and Rear View Camera) and send any combination of the source inputs to each of the three zones independently. Each zone contains a Composite Video output for a monitor and 2 channel RCA outputs for headphones or a zone amplifier/processor. This configuration is ideal for traditional candidates like SUVs and large sedans, but the possible applications extend to recreational vehicles, travel coaches, limousines and ultra high-end executive vehicles. Clarion has all the necessary support items like WH104 / WH204 / WH105 wireless headphones, several LCD monitor choices and even FM modulators. Clarion multimedia is the future.



Leverage the Power of Technology into your Daily Driving Routine

Within 3 seconds of destination selection, Clarion's advanced NAX970HD HDD navigation system has you moving in the right direction. Mapping covers the entire US, with the added bonus of coverage for Canada. There is literally almost nowhere in North America the NAX970HD can't take you and it will do so with precision and punctuality whether it's a long trip or just local errands. With its ultra high speed processing capabilities, crystal clear imaging, multiple routing alternatives, and installation height just over 1" (28mm), this is the way to get between points A and B as effortlessly as possible.



NAX970HD

HDD NAVIGATION SYSTEM



- Compatible with MAX675VD
- Voice and Touch Recognition
- Audible Voice Commands in 3 Different Languages (English / French / Spanish)
- 30GB Built-in High Speed Hard Disc Drive
- Built-in Gyro Sensor
- Simple Destination Input with Touch Screen
- Comprehensive Point of Interest Database
- Automatic Route Recalculation



An installation friendly GPS antenna and voice command microphone provide added flexibility and safety.

More Powerful than Ever, Easier to Use, and Visually Impressive... the Clarion HDD Navigation System is the Ultimate Road Trip Companion



The Reliability of Windows Automotive and HDD Capacity

The Windows Automotive 5.0 based HDD navigation system ensures reliability of route processing, unmatched graphical capability and assured capacity for upgrades as mapping or technologies evolve. The high capacity of the 30GB Hard Disk Drive allows the unit to store all of the mapping data without compromising speed or accuracy of use.

Advanced HMI Using Graphic-Rich Touch Screen Controls

Exclusively designed for new MAX675VD, the 3D graphical interface on the touch screen front panel called "My List" allows the user to virtually point to their choice of on screen commands and execute them in a single step. Menus like "Favorites" or "Frequent" allow the user quicker access to regular destinations.

Voice Control makes Navigating Safer

The NAX970HD has embedded speech recognition technology that provides a level of sophistication not previously available in the mobile environment. The powerful speech recognition software is able to input destination information by speaking just a few simple commands. In addition, the system actually communicates back to the driver either confirming commands or requesting others. All of this complex, yet easy to use technology permits the safest and most convenient way to bring navigation into everyday driving.



TTX005

STAND ALONE TV TUNER



- Infrared Remote Control • Plug-in IR Remote Receiver
- 1 Audio/Video Output • Controls Channel 2 to 69 • 76-Ohm Antenna Input

TTX7501z

CeNET TV TUNER



- Audio/Video Input with Optional CCA389 Cable
- Camera Input
- 2 Video Outputs • Diversity Tuner System

OPTIONAL ACCESORIES



WH104/WH204/WH105 WIRELESS HEADPHONE SYSTEMS

- WH104: IR Wireless Headphones
- WH204: IR Wireless Headphones (Dual Channel Input)
- WH105: RF Frequency Wireless Headphones



FM200 FM MODULATOR

- 2-Channel RCA Audio Input
- 2 Selectable FM Transmitting Stations
- Adjustable Audio Level Control
- On/Off Switch Included



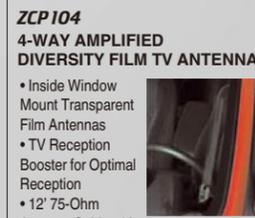
FM700W UNIVERSAL FM TRANSMITTER

- Stereo FM Transmitter
- 8 Selectable FM Frequencies
- Adjustable Audio Level Gain
- A Remote ON/OFF Switch Included
- Audio Source to Any FM Radio



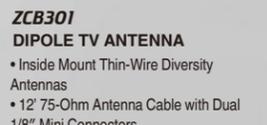
VA700 VIDEO DISTRIBUTION AMPLIFIER

- 1 RCA Composite Video Input
- 7 Buffered 75-Ohm RCA Composite Video Outputs
- Stable Video Signal for up to 7 LCD Monitors



ZCP104 4-WAY AMPLIFIED DIVERSITY FILM TV ANTENNA

- Inside Window Mount Transparent Film Antennas
- TV Reception Booster for Optimal Reception
- 12' 75-Ohm Antenna Cable with 4 1/8" Mini Connectors



ZCB301 DIPOLE TV ANTENNA

- Inside Mount Thin-Wire Diversity Antennas
- 12' 75-Ohm Antenna Cable with Dual 1/8" Mini Connectors

CK525E REAR VISION CAMERA KIT (Includes CC1030E, CAA188, MF23RM)



CC1030E COMPACT COLOR CCD CAMERA

- Wide angle lens
- Weather-Resistant aluminum case
- 1/4" CCD imager



CCA188 POWER BOX FOR CC1030E

MF23RM 23" CAMERA CABLE

CCA389 8P DIN TO RCA A/V ADAPTER

- Provides an Auxiliary A/V Signal Into TTX7501Z, VRX925VD, VRX935VD, VRX630 and VRX610

CCA670 iPod CONNECTING CABLE

- for VRX755VD, VRX765VD and MAX675VD

CCA VIDEO CABLE iPod VIDEO CONNECTING CABLE

- for VRX765VD and MAX675VD

N.I.C.E. Makes Technology Integration Easy

The N.I.C.E. acronym describes Clarion's synergy of technologies that integrate Navigation and In-Car Entertainment into a single product. There's really nothing else like it. Both N.I.C.E. and the new compact N.I.C.E. P200 take the popularity of a transportable GPS navigation unit with a built-in GPS antenna and combine it with a flexible (split capacity) Hard Disc Drive for both mapping and entertainment. As a navigation system, these have all of the power you'd expect including a 4,000 capacity address book, 2 million POIs throughout the fully mapped US and Canada, voice prompts, multiple route selection options and mapping views and a convenient touch screen HMI. The 20GB Hard Disc Drive is split to allow 10GB of music, video, or photo storage and playback. N.I.C.E. P200 also syncs with a PC for contacts, address book and scheduling data via USB 2.0 because it's portable with a rechargeable battery.

N.I.C.E. P200

NAVIGATION IN-CAR ENTERTAINMENT SYSTEM

- 4-inch Digital Touch-Screen TFT LCD Monitor
- Adjustable Brightness • 20GB Hard Disc Drive for Data Storage • Full Featured Menus • Built-In Speaker System • EQ Mode with 5 Preset Sound Modes • Simple Mounting Solution • Rechargeable Battery • USB 2.0 Port
- Navigation**
- Built-In GPS Navigation Including Antenna
- Simple Destination Input with Touch-Screen
- Turn-By-Turn Voice Prompts • Selectable Route Guidance • Multiple Mapping Views: 2D, 3D and Split Screen
- On-screen Compass and Distance Indicators • Automatic Route Recalculation • 2 Million Points of Interest • 4000 Capacity Address Book • Instant Recall of Last 40 Destinations
- Entertainment**
- Music Storage and Playback (MP3, WMA, WAV) • Music Playback During Navigation or Photo Album Modes • Digital Photo Album Including a Slide Show • Audio/Video Input/Output for External Sources • Video Storage and Playback (ASF, WMV, Divx, AVI and Xvid)
- Mobility**
- Sync Contacts, Schedule and Address Book with PC
- Portable Music and Video Playback • 3.5mm Headphone Output • Built-In Calculator, Calendar and Stop Watch
- Included**
- Heavy Duty Suction Cup Window Mount • Cradle with Built-in GPS Antenna • Home and Car Power Connectors

N.I.C.E.

NAVIGATION IN-CAR ENTERTAINMENT SYSTEM

- 7-inch Digital Touch-Screen TFT LCD Monitor • 20GB Hard Disc Drive for Data Storage • Full Featured Menus • Built-In FM Transmitter with 15 Selectable Frequencies • Built-In Speaker System
- IR Remote Control • Adjustable Brightness Control • Simple Mounting Solution • Carrying Case • USB 2.0 and 1.1 Ports
- Navigation**
- Built-In GPS Navigation Including Antenna • Simple Destination Input with Touch-Screen • Turn-By-Turn Voice Prompts
- Selectable Route Guidance • Multiple Mapping Views: 2D, 3D and Split Screen • Onscreen Compass and Distance Indicators
- Automatic Route Recalculation • 2 Million Points of Interest • 4000 Capacity Address Book • Instant Recall of Last 15 Destinations
- Entertainment**
- Music Storage and Playback (MP3, WMA, WAV) • Digital Photo Album Including a Slide Show • Sirius Satellite Ready with Optional NAVSIR • Audio/Video Input for External Sources
- Rear Camera Input with Reverse Gear Control
- Included**
- Cradle • Window-Mount Suction Cup • Home and Car Power Supplies • Remote Control • Audio Video Cable • Camera Input Cable • Cleaning Cloth



Robust Touch-Screen Monitor

The TFT LCD monitor on the N.I.C.E. units displays high-resolution images and graphics that are visually impressive, yet provides sensible touch screen control icons. Maps appear clearly in 2D, 3D or Split screen. Text menus are easy to read and navigate. Pictures are vivid and colorful (even using the handy slide show function). Movies and video playback are outstanding. The touch screen control means your next destination or entertainment choice is as close as your fingertip.

10GB of Entertainment

Half of the unit's 20GB Hard Disc Drive is reserved for storage of entertainment media. You can load a variety of audio or video formats as well as photo albums that you can display with a slide show feature. Once stored, select the "Photo" icon to watch a slideshow or select the "Music Playback" icon to play audio files through the existing sound system. All transfer between the unit and storage device is done using the built-in USB port.

Connect to Sirius Satellite Radio

With the addition of Clarion's NAVSIR Sirius Satellite Radio tuner and antenna, you can seamlessly access over 120 channels of Sirius Satellite Radio's coast-to-coast programming at the touch of a button. The audio programming from Sirius is broadcast directly to the vehicle's existing radio or the internal speaker. The display also shows all of the important Sirius programming text.

Inputs for External Video Sources

The high-resolution TFT LCD isn't just for navigation and touch screen control. Users can easily connect a variety of other video source units to the audio/video input such as rear view camera, video game system, external DVD or VCR, or the output of a digital camera. Just select the "A/V" option on the touch screen after connecting and you're ready to watch.

N.I.C.E. P200



N.I.C.E.



OPTIONAL ACCESSORIES



NAVCK CONNECTOR KIT FOR P200

- Connector that adds Audio / Video Input or Output

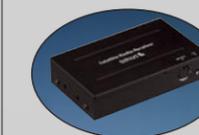


NAVBK CRADLE AND CONNECTOR KIT FOR P200

- Connector that adds Audio / Video Input or Output
- Cradle with FM transmitter



RCBP200 REMOTE FOR P200



NAVSIR SIRIUS SATELLITE RECEIVER AND ANTENNA KIT

NAVAUDIO CONNECTOR FOR NICE AUDIO OUTPUT

NAVGPS NICE / NICE P200 EXTERNAL GPS ANTENNA

- External GPS antenna for custom installation

Source Units

If You've Experienced Clarion's Sound, You've Experienced the Future of Car Audio

The DRZ9255 combines cutting-edge technology, usability and safety in a compact 1-DIN source unit. This high-end model captures the essence of Clarion's pure audio concept technology that emphasizes "true sound" reproduction. The DXZ865MP is another superior source unit; it is equipped with Clarion's ground-breaking Optimedia Display which shatters out-dated preconceptions based on obsolete user interfaces. All of Clarion's 2006 source units feature functionality and performance to meet the needs of a new era; these units offer a new generation of drivers the futuristic experience they want.

Advanced Intelligent Functions of the Optimedia Display Transforms Fantasy Into Reality

Clarion's new Optimedia Display is a graphical user interface that raises human-machine interaction, usability and safety to a higher level. Some might even call the Optimedia Display GUI "sensational." Its use of on-screen controls has



reduced the number of knobs and buttons conventionally used to control audio components to the bare minimum. A touch on the screen provides precise intuitive control of mode settings, functions and other operations. The cool, stylish look of the black stainless-steel faceplate is combined seamlessly with cutting-edge intelligent touch functions to create Clarion's top of the line source unit.

Compatibility with a Wide Range of Media and Devices Increases Your Car Audio Options

Of course Clarion source units can play CDs (including CD-Rs and CD-RWs), but they can also handle a wide range of digital audio formats such as MP3 and WMA. Clarion source units are also totally compatible with iPods, which creates additional options for audio enjoyment on the road. Furthermore, source



units in Clarion's 2006 lineup can connect to SD cards or USB devices so they can play MP3/WMA files directly from USB memory or USB players as well as doing standard MP3/WMA playback. You can now enjoy the flexible possibilities that the latest media devices and digital music formats can provide both inside and outside your car.

"True Sound" Technology Allows Accurate Sonic Reproduction that Re-creates the Excitement of a Concert

In 1996, Clarion's DRX9255 source unit became legendary because it faithfully reproduced the digital signals encoded on CDs. The new high-end DRZ9255 carries on the tradition of the DRX9255; it is equally capable of faithfully reproducing the original digital sound. The foundation of the DRZ9255's high-definition sound is its Digital-to-Analog converter, which operates at a sampling rate of 96 kHz. This double oversampling allows reproduction of the subtle details and depth



contained in upper-frequency harmonics. These details produce the expressiveness and resonance of real sound that cannot be done at a sampling rate of 44.1 kHz. In addition, the DRZ9255 uses only high-quality components such as a copper-coated chassis, wiring, output cables, and a glass-epoxy four-layer circuit board. These components prevent signal degradation and ensure superior performance. The DRZ9255 is the pinnacle of car-audio excellence; it reproduces the atmosphere and nuances of recordings so clearly and accurately you can hear the musicians breathing.

Clarion's DRZ9255 Source Unit Takes You into the Recording Studio



The top of the class DRZ9255 includes all the features that people demand in today's source units, including high-performance functions, high-quality parts and superb design and materials for the faithful reproduction of sound. Components include a Digital-to-Analog converter that oversamples at a speed of 96 kHz, a four-way crossover, a five-band parametric equalizer and a four-layer glass epoxy circuit board. These components let you hear the smallest sonic nuances and let you tailor the sound to your personal taste. The external power supply with its DC-to-DC converter delivers stable power, and every detail of the chassis is designed with performance in mind. Car audiophiles looking for the ultimate sound can find it with these high-performance features and components.

DRZ9255

CD RECEIVER/CeNET CONTROL



- Dual 24-bit / 96 kHz Sampling Digital-to-Analog Burr-Brown Converters and DSP
- Built-In 4-Way Crossovers
- 5-Band Parametric Equalizer
- Digital Time Alignment for Each Line Level Output
- 8-Channel/4-Volt Gold Plated Oxygen-Free Copper RCA Outputs
- 0.5dB-Step Electronic Volume Adjustment Circuit
- Copper Plated Chassis
- External DC/DC Converter
- CeNET Control of Optional CD Changer, TV Tuner and iPod Interface
- Two 2-Channel AUX Inputs
- Zinc Die-Cast Faceplate
- Fiber Optic Input/Output
- Vacuum Florescent Display
- 18FM/6AM Presets
- Remote Control Included



96 kHz Sampling D/A Converter

Conventional CD Players Can Only Reproduce Frequencies Up to Around 20 kHz

The spiral pattern on CDs represents numbers ("digit" means "number"). These numbers represent measurements of an audio signal (and other data). When a digital recording is made, measurements can be made 44,100 times each second (per channel). At that sampling rate, frequencies up to around 20 kHz can be recorded... so the frequency range of conventional CD players barely extends over 20 kHz.

High-Frequency Harmonics Add Richness and Depth to Sound

Why can't conventional CDs encode data for frequencies over the limit of around 20 kHz? Because the people who set the CD standard believed that no one could hear those high frequencies. If such frequencies were on a conventional CD, the filters in a conventional CD player would remove those frequencies. Furthermore, analog filters can cause phase distortion of the signals that go through them, causing the high frequencies that do come out of the player to come out at the wrong times. Ironically, high-frequency harmonics can affect the details and the depth of sound.

96 kHz Oversampling Enables Reproduction That Is More Faithful to the Original Source

The 96 kHz digital anti-imaging filter interpolates samples into the audio signal from the disc at a speed more than twice as fast as the CD standard sampling rate of 44.1 kHz. This is the first such digital filter designed for vehicle audio. Without oversampling, the signal from a CD must be filtered in the analog domain to reduce high-frequency noise, and such analog filters cause phase (time) distortion. Oversampling filters are free from phase distortion, so they deliver more musical detail and more of the realistic resonances of real live sound.

Copper Plated Chassis Reduces Distortion and Noise

The use of a copper plated chassis minimizes the creation of spurious electrical currents that could distort the audio signal. Additionally, the copper plating can reduce noise because it creates an insulating shield. Zinc has a high specific gravity, high rigidity, and low resonance, so a die-cast zinc panel can reduce distortion caused by vibration. Because components such as the power supply, VFD devices for the display, and the drive mechanism can cause noise in the signal, those components are externally positioned away from the audio signal.

Burr-Brown Advanced Segment 24-Bit Digital-to-Analog Converter

After the data from the disc goes through the 96-kHz filter, it is processed by a Burr-Brown advanced segment 24-bit DAC with superior dynamics and resistance to clock jitter. The Digital-to-Analog conversion is highly accurate because the DAC's internal structure is a four DAC configuration operating on an L-R differential signal.

Turning the Display OFF to Turn Sound Quality ON

When the DRZ9255 plays a CD or other source, its display can be turned off to minimize interference from circuits that can otherwise degrade sound quality.

The DRZ9255's DC / DC Converter Keeps Great Sound In and Keeps Noise Out

The DRZ9255 is truly an audiophile source unit. Its external DC / DC converter is comprised of components of the highest quality from its input wiring through its chassis to its output fuses. This power supply gives the DRZ9255 both strength and precision, and its six-sided shielded casing repels noise even during high-load bursts. To prevent even the smallest vibration, the power supply is wrapped in a die-cast aluminum casing and a copper plated chassis. Toroidal choke coils inside the power supply minimize induced vehicle noise and loss of power. A large capacity low impedance condenser allows this external component to supply pure power. Clarion takes this one step beyond by equipping this power supply with a gold plated connection terminal to further minimize power loss.

The World's Best 0.7 Cm per Step Digital Arrival Time Alignment

This function lets you delay signals going through as many as eight channels so sound from all speakers can arrive at one location simultaneously. Arrival times can be optimized for the driver, front passenger, both front seats, rear seats, or all seats. You can quickly and easily select the system's acoustic pattern... or choose settings based on the type of vehicle or number of passengers. Signals can be delayed for differences in distance of up to 500 centimeters (over 16 feet) in increments of 7 millimeters (approximately one fourth of an inch).

96 kHz Sampling D/A Converter



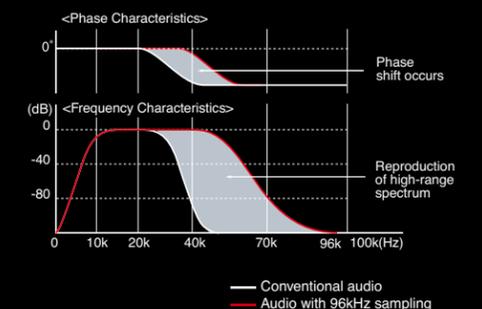
Copper Plated Chassis Prevents Sound Deterioration



World's First 0.5dB Step Electronic Volume Circuit



Conceptual Diagram of Frequency/Phase Characteristics



Silver-Coated SK-6N (99.9999% Oxygen-Free) Copper RCA



A Blend of Touch-Sensitive Controls and Powerhouse Performance

The DXZ865MP source unit looks as good as it sounds. Clarion combines its Optimedia Display technology with its Anti-Distortion Filter, Low-Pass Filter and MOS-FET power amplification behind a sharp-looking stainless-steel faceplate. Other features to improve sound quality include a 24-bit Digital-to-Analog converter and 2-band parametric equalizer section that puts you in control. The DXZ865MP does everything from CD to MP3 to WMA... and more.



High-Definition Display, High-Octane Performance

The DXZ765MP receiver has the industry's first Fine Intergrated full-dot 16-tone scale vacuum Fluorescent Display so both text message information and moving pictures can be displayed in super high definition. Of course, this receiver also produces high definition sound. The DXZ765MP is fully equipped with a 24-bit Digital-to-Analog converter (designed to faithfully reproduce every nuance of every recording), Clarion's unique Z-Enhancer (designed to enable you to customize the sound to personal taste), and six output channels (designed to generate a signal level of 4 volts to minimize induced noise and maximize sonic purity).



DXZ865MP

CD/MP3/WMA RECEIVER/CeNET & TOUCH PANEL CONTROL



- Optimedia : 256 Full Color 4.2-inch TFT Display • Touch Panel Control • Spectrum Analyzer • 2-Band Parametric Equalizer • Low-Pass Filter • Built-in Amplifier canceller • 18FM/6AM Presets • 212 Watt MOS-FET Amplifier (53 Watts x 4 Channels) • CD-R/RW Ready • 4-Volt/6-Channel RCA Output • CeNET Control of: DVD Changer (Easy), TV tuner, 6-Disc CD Changer, Satellite Receiver and iPod
- 2-Channel AUX input with Level Control • Active Screen Savers

CEA 2006 Power Ratings
22W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 88dB (Ref:1W into 4Ω)



DXZ765MP

CD/MP3/WMA RECEIVER/CeNET CONTROL



- Fine Integrated Full Dot VF Display • 728-Variable Color Illuminated Key
- Message Information • Low-Pass Filter • Built-in Amplifier Cancellor • 18FM/6AM Presets • 212 Watt MOS-FET Amplifier (53 Watts x 4 Channels) • CD-R/RW Ready • 4-Volt/6-Channel RCA Output • CeNET Control of: DVD Changer (Easy), TV tuner, 6-Disc CD Changer, Satellite Receiver and iPod • 2-Channel AUX Input with Level Control • Active Screen Savers • Smart Key & Retractable Rotary Volume Control

CEA 2006 Power Ratings
19W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 81dB (Ref:1W into 4Ω)



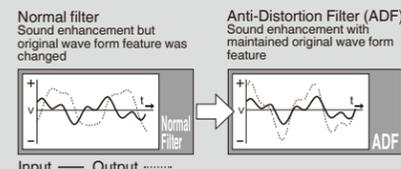
Detachable Control Panel



Motorized Sloping Console



Rotary Volume Control



Optimedia Display Technology

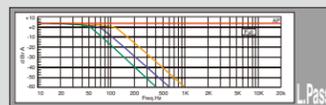
The DXZ865MP is one of source units with Clarion's next generation Optimedia technology. The Optimedia touch screen combines gorgeous graphics with fingertip control. In 2006, Optimedia has evolved from its first-generation monochrome to full color. We didn't stop with color, of course. This display technology vastly improves the quality of motion graphics, and revamped layouts make it easy to navigate through the on-screen menus. For unequalled looks and unequalled control... Optimedia.

Anti-Distortion Filter (ADF)

Road noise and wind noise can seriously degrade sound quality in vehicles. Low frequency road noise drowns out bass, and high frequency wind noise drowns out treble, so we fight back with the ADF circuit in our high-end source units. Clarion's unique Anti-Distortion Filter eliminates phase distortion and lets you hear a more natural frequency balance. The result: Crystal-clear sound... with low frequencies and high frequencies in perfect harmony.

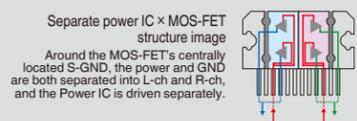
Low-Pass Filter (LPF)

Clarion equipped the DXZ865MP with a Low-Pass Filter designed for optimal subwoofer performance. Users can select cut-off frequencies of 50, 80, and 120 Hz... attenuating upper bass, midrange and treble frequencies to keep your bass pure and unadulterated. Selecting the correct cut-off frequency gives you harder, tighter and cleaner bass.



MOS-FET Power Amplifier

What's the best way for Clarion's DXZ865MP source unit to pump 212 watts of power through four channels (53 x 4) with superior linearity? MOS-FET amplification, of course. Metal-oxide field-effect transistors are smaller and more efficient than typical "chip" amplification sections, and Clarion's power section delivers more power, less distortion, and absolutely zero on/off switching noise. Crank it up, turn it down, but, either way, Clarion's MOS-FET amplifier pumps out power like you've never heard it.



Detachable Control Panel



Motorized Sloping Console



Fine Integrated Full-Dot Vacuum Fluorescent Display

The high definition full-dot display in the DXZ765MP clearly and distinctly displays letters, numerals and graphics so drivers can easily get the data they need. The 16-grade grayscale enables both text and moving images to be quickly and accurately displayed on the screen.



24-Bit Digital-to-Analog Converter

The primary job of any digital source unit is converting digital data into analog signals. The DXZ765MP does this with a 24-bit D/A converter. The CD quantization standard is only 16 bits, which allows a signal to noise ratio and dynamic range of approximately 96 dB. Clarion's 24-bit DAC can produce analog signals with less noise and more dynamic range for sonic purity and subtle detail reproduction.



Smart Key & Retractable Rotary Volume Control

Much more ergonomic and intuitive than buttons, these controls lets you adjust the volume with analog type flexibility and channels/programs at the flip of a toggle. Clarion engineering helps you keep your eyes on the road and your hands on the wheel.

Stylish Collaboration of Light and Sound

Thanks to the high-definition 16-tone scale full-dot VFD, 728-variable color brilliant key illumination, text and graphics are vividly projected onto the DXZ665MP, allowing you to feel each item's clear individuality. The motorized sloping console is designed in consideration of space-saving and overall car interior design. Along with the smart control keys, which allow touch-control volume control or track changing, the DXZ665MP features added fashion and operability and crystal clear high-definition sounds, all within the stylish 1-DIN source unit.



DXZ665MP

CD/MP3/WMA RECEIVER/CeNET CONTROL



- Full Dot VF Display
- Message Information
- Spectrum Analyzer
- Z-Enhancer Sound Customization
- MAGNA BASS EX Dynamic Bass Enhancement
- Built-in Amplifier Canceller
- 18FM/6AM Presets
- 212 Watt MOS-FET Amplifier (53 Watts x 4 Channels)
- CD-R/RW Ready
- CeNET Control of: DVD Changer (Easy), TV tuner, 6-Disc CD Changer, Satellite Receiver and iPod
- 2-Channel AUX Input with Level Control
- Active Screen Savers

CEA 2006 Power Ratings
19W x 4RMS (4Ω @ 14.4V ±1% THD+N)
S/N 81dB (Ref: 1W into 4Ω)



Detachable Control Panel



Motorized Sloping Console

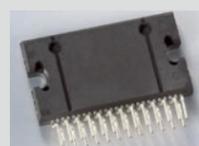


Smart Control Key for Easy Access

Even if your on-board CD and/or MP3/WMA collection includes a huge number of tracks, Clarion's Smart Control Key feature lets you get to the track you want quickly and easily.



Rotary Volume Control



212 Total Watts of MOS-FET Power Amplifier

How can any receiver produce 53 watts of pure music power into each of four channels with superior linearity? Clarion's DXZ665MP source unit does it with MOS-FETs (which is short for metal-oxide field-effect transistors). Smaller and more efficient than conventional power sections, this MOS-FET amplification circuit delivers power with less distortion... and absolutely zero on/off switching noise. Crank it up, turn it down, or find a middle ground; whatever level you like, MOS-FET power produces sound like you've never heard before.

This Receiver has a USB Port for MP3 and WMA files... Plus Z-Enhancer... and More

Exceptional design, features, and sound are the hallmarks of Clarion's DB365USB source unit. As suggested by its model number, it has a USB port so you can take your favorite MP3 and WMA files directly from USB digital music players. Not only can this receiver handle a multitude of formats, but it features unique audio technology. Clarion's Z-Enhancer feature, for example, allows you to customize the sound of your system to suit your musical tastes. And Magna Bass EX delivers deep clear bass to your subwoofers.

DB365USB

CD/USB/MP3/WMA RECEIVER



CEA 2006 Power Ratings
19W x 4RMS (4Ω @ 14.4V ±1% THD+N)
S/N 81dB (Ref: 1W into 4Ω)



- High Contrast White Negative Display (13 x 8 Digits) with Screen Saver
- Message Information
- Z-Enhancer Sound Customization
- MAGNA BASS EX Dynamic Bass Enhancement
- 18FM/6AM Presets
- 200 Watt MOS-FET Amplifier (50 Watts x 4 Channels)
- MP3 and WMA Compatible with ID3-TAG Display
- CD-R/RW Ready
- 4-Channel RCA Output
- 2-Channel AUX Input with Level Control
- Active Screen Savers
- Detachable Control Panel

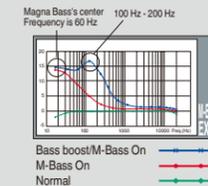


USB Input for Compressed Digital Audio

Anything with a USB output plugs right into the DB365USB so you can hear your music through your mobile entertainment system. The USB (Universal Serial Bus) port takes MP3 and WMA files from portable digital-audio players and other devices. This source unit can handle 255 digital audio files. File names can be up to 28 characters long, and folder names can be up to 16 characters long.

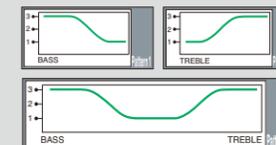


Rotary Volume Control



Magna Bass EX Bass Boost

Ordinary loudness circuits boost bass in the frequency range around 100 Hz. However, Clarion's Magna Bass boosts bass lower than that—in a band centered at 60 Hz—to provide extra low-frequency impact. Now, to boost bass frequencies that are even lower, Clarion's new Magna Bass EX boosts the bass in the vicinity of 60 Hz by nearly 10 dB. And Magna Bass EX automatically compensates for whatever volume level you have chosen to ensure well-balanced dynamic bass no matter how loud you play your music.



Z-Enhancer Changes Tonal Balance

Want more bass, more treble, or more of both? No problem. Z-Enhancer has three pre-set equalization curves to choose from... and the amount of boost is adjustable.

These Two Receivers Have a High-Detail Display... and Much More

The DXZ465MP and the DXZ365MP have more in common than their flip-down faces. They both feature a stunning black face design. They are both equipped with a high-brightness, high-definition LCD that is clearly visible from a wide range of viewing angles. The LCD can display artist name and the status of various functions. Moreover, both units include features such as Z-Enhancer (which adjusts tonal balance to suit your personal tastes), Magna Bass EX (which adjusts bass response to compensate for various volume levels) and MOS-FET amplifier (for high-powered sound). The DXZ465MP pumps 52 watts of power into each of four channels, and the DXZ365MP does 50 watts x 4. And both units have AUX input for flexibility and line level RCA output terminals for connection to external amplifiers that can send even more power to your speakers.



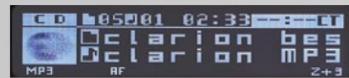
Smart Control Key



Rotary Volume Control



Detachable Control Panel



MP3, WMA and ID3-TAG

Both models handle MP3 and WMA digital audio files, and both support ID3-TAG coding for display of title info. Because both MP3 and WMA files are compressed, each CD-R or CD-RW can hold up to 12 hours of music with CD sound quality.

DXZ465MP

CD/MP3/WMA RECEIVER/CeNET CONTROL

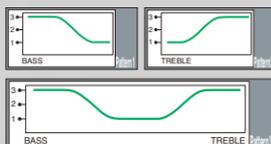


- Full Dot Display
- Message Information
- Z-Enhancer Sound Customization
- Magna Bass EX Dynamic Bass Enhancement
- Built-in Amplifier Canceller
- 18FM/6AM Presets
- 208 Watt MOS-FET Amplifier (52 Watts x 4 Channels)
- MP3 and WMA Compatible with ID3-TAG Display
- CD-R/RW Ready
- CeNET Control of: DVD Changer (Easy), TV tuner, 6-Disc CD Changer, Satellite Receiver and iPod
- 4-Channel RCA Output
- 2-Channel AUX input with Level Control
- Active Screen Savers



Flip-Down Display and Control Panel

Not one square inch of the front panel is wasted on a disc-loading slot; the large display and large knobs allow easy operation... and, at the touch of a button, the panel flips down so you can load a disc.



Z-Enhancer Equalization

Do you want to hear the right amount of bass and treble... even with the volume turned down? Clarion's Z-Enhancer can boost bass, treble, or both to compensate for low listening levels.

DXZ365MP

CD/MP3/WMA RECEIVER/CeNET CONTROL



- Message Information
- Z-Enhancer Sound Customization
- Magna Bass EX Dynamic Bass Enhancement
- Built-in Amplifier Canceller
- 18FM/6AM Presets
- 200 Watt MOS-FET Amplifier (50 Watts x 4 Channels)
- MP3 and WMA Compatible with ID3-TAG Display
- CD-R/RW Ready
- CeNET Control of: DVD Changer (Easy), TV tuner, 6-Disc CD Changer, Satellite Receiver and iPod
- 2-Channel RCA Output
- Active Screen Savers



DXZ265

CD RECEIVER/CeNET CONTROL



(option)



Smart Control Key



Rotary Volume Control



Detachable Control Panel



DB265MP

CD/MP3 RECEIVER



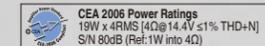
(option)



Rotary Volume Control



Detachable Control Panel



- Z-Enhancer Sound Customization
- Magna Bass EX Dynamic Bass Enhancement
- 18FM/6AM Presets
- 180 Watt Amplifier (45 Watts x 4 Channels)
- MP3 Compatible with ID3-TAG Display
- CD-R/RW Ready
- 2-Channel RCA Output
- Active Screen Savers



DB165

CD RECEIVER



Rotary Volume Control



Detachable Control Panel



- Z-Enhancer Sound Customization
- Magna Bass EX Dynamic Bass Enhancement
- 18FM/6AM Presets
- 180 Watt Amplifier (45 Watts x 4 Channels)
- CD-R/RW Ready
- 2-Channel RCA Output
- Active Screen Savers



XA311

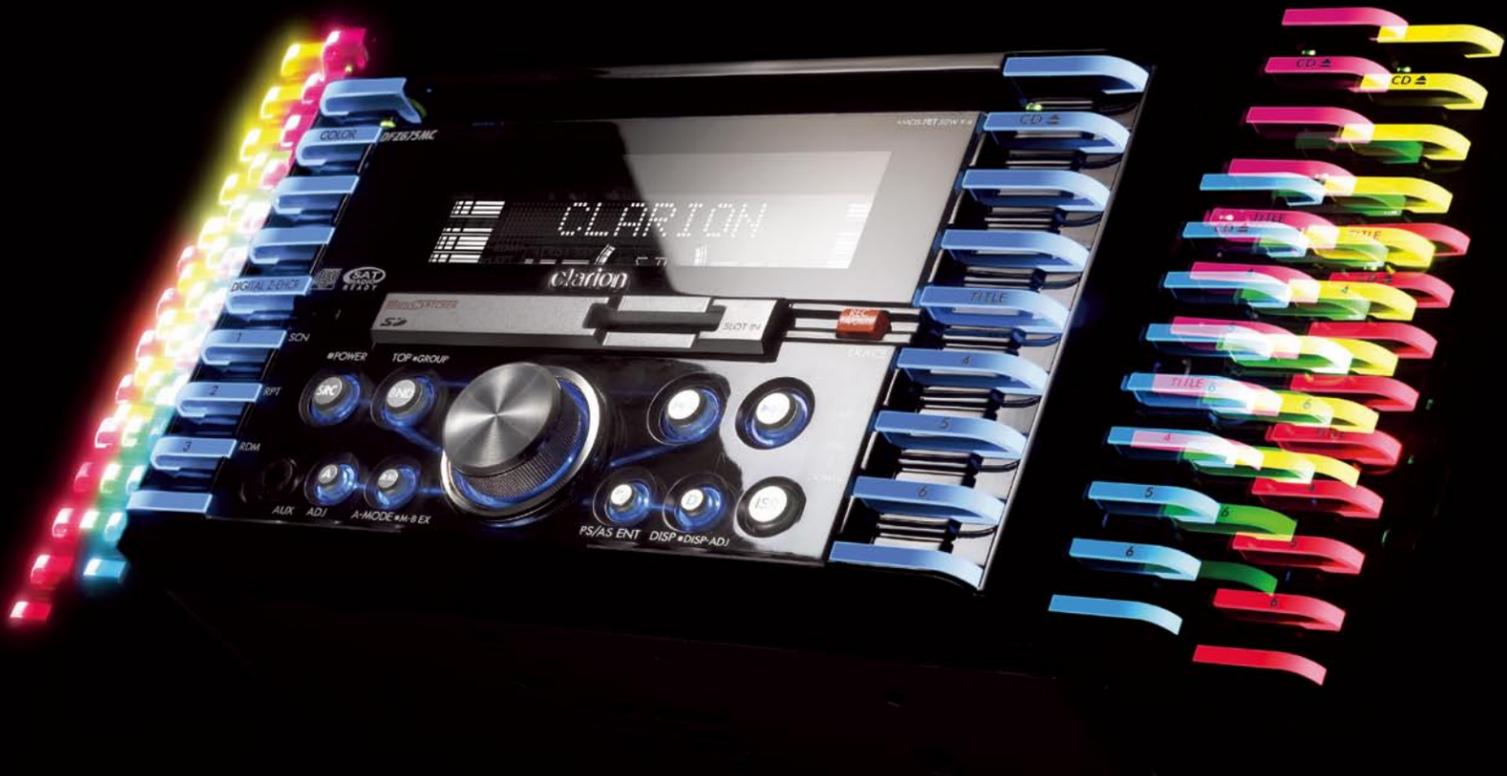
CASSETTE RECEIVER/C-BUS CONTROL



- Z-Enhancer Sound Customization
- 20FM/5AM Presets
- 160 Watt Amplifier (40 Watts x 4 Channels)
- Auto-reverse
- C-BUS Control of 6-Disc CD Changer
- 2-Channel RCA Output
- Rotary Volume Knob

Two Receivers that Can Light Up the Night with Crystal-Clear Music

D for design... F for fantastic... Z for Z-Enhancer... 675 is the secret code for this striking 2-DIN receiver... and MC stands for Music Catcher. The DFZ675MC is no ordinary source unit. Its sharp and striking front panel is illuminated by Clarion's 728-variable color LED. Its SD card slot and front panel AUX input makes it compatible with portable digital audio players. Its Music Catcher II technology gives you four-times high-speed recording ability. And it lets you select from four different equalization curves. A for analog... D for digital... B for beautiful... 340 is the second secret code... and MP means that the 2-DIN ADB340MP can handle everything from analog cassettes to MP3 digital audio.



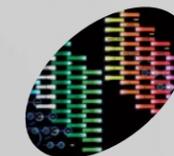
Compatible with a Wide Range of Media

It connects to SD card devices, it plays MP3 and WMA files directly from its memory and from digital audio players, and, of course, it does standard MP3/WMA playback. This receiver gives you the freedom and flexibility that you need to handle the newest digital technologies and formats in your vehicle.



Selectable Multicolor Controls

Clarion offers four source units in 2006 that allow users to adjust the red, green and blue (RGB) levels to cosmetically compliment their vehicle's dashboard and gauge cluster illumination. Users can choose from 728 color possibilities.



DFZ675MC

2-DIN CD/SD/MP3/WMA RECEIVER/CeNET CONTROL

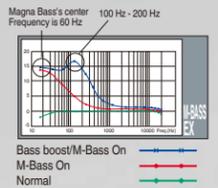


- 728-Variable Color
- Music Catcher II CD Recorder and SD Slot
- Digital Z-Enhancer
- MAGNA BASS EX Dynamic Bass Enhancement
- 18FM/6AM Presets
- 200 Watt MOS-FET Amplifier (50 Watts x 4 Channels)
- MP3 and WMA Compatible with ID3-TAG Display
- CD-R/RW Ready
- CeNET Control of: DVD Changer (Easy), TV tuner, 6-Disc CD Changer, Satellite Receiver and iPod
- 4-Channel RCA Output
- Front Panel AUX Input
- Active Screen Savers



Magna Bass EX Bass Boost

Ordinary loudness circuits boost bass in the frequency range around 100 Hz. However, Clarion's Magna Bass boosts bass lower than that—in a band centered at 60 Hz—to provide extra low-frequency impact. Now, to boost bass frequencies that are even lower, Clarion's new Magna Bass EX boosts the bass in the vicinity of 60 Hz by nearly 10 dB. And Magna Bass EX automatically compensates for whatever volume level you have chosen to ensure well-balanced dynamic bass no matter how loud you play your music.



CEA 2006 Power Ratings
18W x 4RMS (4Q@14.4V ±1% THD+N)
S/N 75dB (Ref:1W into 4Q)



ADB340MP

AM/FM/CD/MP3/ CASSETTE PLAYER



- Spectrum Analyzer
- MAGNA BASS EX Dynamic Bass Enhancement
- 3-Band Graphic EQ
- 18FM/6AM Presets
- 200 Watt MOS-FET Amplifier (50 Watts x 4 Channels)
- MP3 Compatible with ID3-TAG Display
- Full Logic Cassette with Auto Reverse
- CD-R/RW Ready
- 2-Channel RCA Output
- 2-Channel AUX Input

CEA 2006 Power Ratings
18W x 4RMS (4Q@14.4V ±1% THD+N)
S/N 75dB (Ref:1W into 4Q)

Graphic Equalizer Pattern

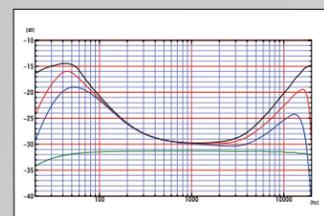


Spectrum Analyzer Pattern

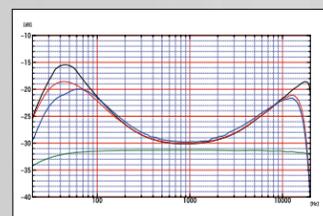


Flip-Down Control Panel

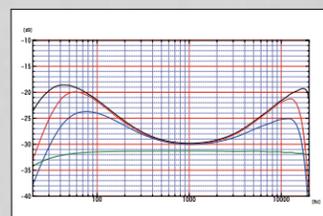
Fully featured products with multiple functions and controls are designed with Clarion's HMI to elevate the user experience. The ADB340MP allows maximum utilization of the control panel surface by placing the access to the Cassette drive behind the fold-down panel.



— DZE1 - High
— DZE1 - Mid
— DZE1 - Low
— DZE1 - Off



— DZE2 - High
— DZE2 - Mid
— DZE2 - Low
— DZE2 - Off



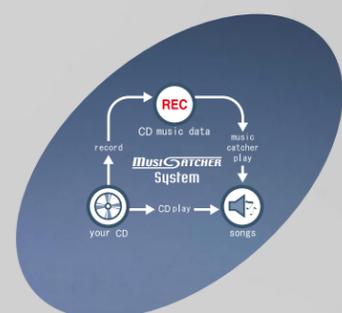
— DZE3 - High
— DZE3 - Mid
— DZE3 - Low
— DZE3 - Off

Digital Z-Enhancer Does Equalization and More

While maintaining overall acoustic balance, three preset patterns optimized to emphasize low, medium and high ranges are provided. Switching is possible according to speaker characteristics (genuine, separate, or coaxial). For even more sound flexibility, the Digital Z-Enhancer provides HI, MID, and LOW gain adjustments for each speaker pattern, giving the user a total of nine equalization patterns to choose from, and enabling sound to be optimized according to the speaker system and sound source.

Music Catcher II "4 Times Speed" Digital Recording

Clarion's leading-edge Music Catcher II lets you record, play and erase data files holding as much music as six of your favorite CDs. Say goodbye to CD changers and storage cases. Don't drop your valuable CDs when you try to load those clumsy cartridges for your bulky old CD changer; catch on to Music Catcher.



- LP Mode : About 650 minutes / 13CDs
- STD Mode : About 500 minutes / 10CDs
- HQ Mode : About 350 minutes / 7CDs
- SHQ Mode : About 250 minutes / 5CDs
- *1 album 50 minutes conversion



Over 120 Channels of Entertainment and 100% Commercial-Free Music!



CALYPSO

SIRIUS SATELLITE RADIO PLUG AND PLAY RECEIVER

- Sleek Compact Design
- Category and Artist Search
- Multiple Display Modes
- Infrared Remote Control
- Built-In Wireless FM Transmitter With 10 Selectable FM Frequencies
- 128 X 48 Dot Matrix Graphic Positive LCD
- Auto Dimming
- Adjustable Contrast and Dimming
- 30 Preset Stations and Direct Tuning
- Adjustable Audio Level Output
- Clock
- Requires CLCK, CLHK and/or CLBB (Sold Separately)

CALYPSO

CLCK

CAR KIT FOR CALYPSO

- Dash Mountable Cradle
- Weather Resistant Satellite Antenna
- Cigarette Lighter Power Adapter
- Optional 3.5mm Stereo Mini-Jack Output



CLBB

"BOOMBOX" FOR CALYPSO

- Portable "Boombox" With Docking Station for Calypso
- AC Power or DC Power (8 D-Cell Batteries) Compatible
- Detachable 4" Coaxial Speakers (5' Speaker Cords)
- Satellite Antenna and Cable Receptacle
- 120-Volt AC Adapter Included
- 3.5mm Stereo Mini-Jack AUX Input



boombox

CLHK

HOME KIT FOR CALYPSO

- Home Cradle
- Satellite Antenna
- 120V AC Adapter
- 3.5mm Stereo Mini-Jack Output



Multiple Display Modes

The Calypso's high-visibility positive LCD supports multiple display modes, including the standard Artist Name/Song Title combination screen. A large-letter screen provides even higher visibility (especially helpful when viewing at a distance). Long titles will scroll automatically so there's no hidden or wasted information.

Search by Artist and/or Category

Scroll through channel groups based on content category... and then scroll through channels within the selected category. You can even preset the Calypso to search for specific Artist/Song Title combinations, and it will alert you when a saved song is being played on an incoming Sirius signal. With so much content being broadcast 24/7, you're sure to find what you want.

Tune Directly or by Presets

If you know the exact Sirius channel you want to listen to, just use the front number buttons on the Calypso to tune directly to the one you want. The Calypso can be set for easy access to as many as 30 different channels... so you can narrow your selection to the channels you want. With over 120 channels available, that can save a lot of time.

SIRCL3

SIRIUS SATELLITE RADIO CeNET RECEIVER / ANTENNA

- Sirius Satellite Receiver
- Includes Antenna
- CeNET Controlled
- Category Scan & Selection





DC625

6-DISC C-BUS CD CHANGER

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



DCZ625

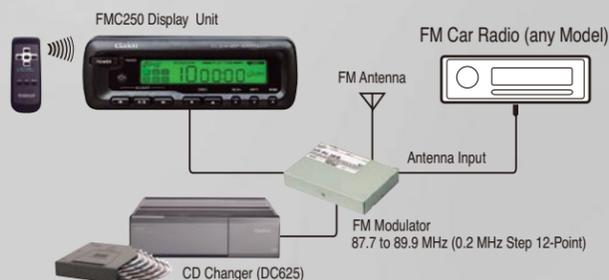
6-DISC CeNET CD CHANGER

- 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
- Spiring Loaded Silicon Oil Dampened Suspension
- Dual 1-Bit D/A Converters
- 3-Beam Laser System
- Eject Capability While Ignition Off
- Dimensions : 9"(W) 2 1/2"(H) x 6 5/8"(D)

Play CDs through Your Car's Receiver.



If your car radio can receive FM radio broadcasts, you can use the FMC250 hideaway unit to control a Clarion CD changer... and the FMC250 will take the sound from the changer and play it through your radio. Connect the FMC250 between your FM radio antenna input and your antenna... tune your radio anywhere from 87.7 to 89.9 MHz.... and you'll hear CD sound from the changer.



FMC250

CD CHANGER CONTROLLER WITH FM MODULATOR

- Play/Pause Selector
- Repeat Play
- Random/Scan Play
- Track Search
- Disc Selector
- Software Controlled Setup
- Flush Mounting Bracket Included
- Wireless Remote Control Included
- LCD Featuring Track, Disc and Play Time Information
- 12 Selectable FM Transmitting Station
- Adjustable Input and Output Levels



It's Simple: Operate an iPod as if It were a CD Changer.

Clarion components with CeNET connectivity can control and recharge an iPod, and you can operate the iPod as if it were a CD changer. Play all tracks in order... or select from five different playlists. And the CeNET component will display info such as artist name, song title, and album title... just like an iPod!



EA1251B

CeNET iPod INTERFACE



EA1276B

CeNET iPod INTERFACE FOR DFZ675MC



EQ5746

1/2-DIN GRAPHIC EQ/CROSSOVER

- 7-Band Graphic Equalizer
- 6-Channel / 7 Volt RCA Outputs (Front/Rear/Subwoofer)
- Adjustable Master Volume Level Control
- Adjustable Subwoofer Level Control
- 2-Channel RCA AUX Input with Adjustable Gain
- Selectable 12dB Low-Pass Crossover (60Hz or 90Hz)
- Gold Plated Terminals
- Dimensions: 7"(W) x 1"(H) x 4"(D)



MCD360

3-WAY ELECTRONIC CROSSOVER

- 2/4/6 Channel Input
- 6-Channel / 5 Volt RCA Outputs (Front/Rear/Subwoofer)
- Front/Rear/Subwoofer Lever Control
- Subwoofer Equalizer and Boost Level Controls
- High-Pass Crossover Frequency Multiplier
- Remote Subwoofer Level Control (Included)
- Gold Plated Terminals
- Dimensions: 6"(W) x 3/4"(H) x 7"(D)



OPTIONAL ACCESSORIES

<p>FM200 FM MODULATOR</p> <ul style="list-style-type: none"> • 2-Channel RCA Audio Input • 2 Selectable FM Transmitting Stations • Adjustable Audio Level Control • On/Off Switch Included 	<p>CAA397 6 DISC MAGAZINE</p> <p>Compatible DVD/CD Changers: VCZ625, DCZ625, DC625</p>	<p>CAA355 6 DISC MAGAZINE</p> <p>Compatible CD Changers: CDC634, CDC635, CDC655Z</p>	<p>RCB176 2006 SOURCE UNIT REPLACEMENT REMOTE</p>
<p>CCA519 CeNET Y-ADAPTER FOR MULTI-CHANGER CONNECTION</p>	<p>CCA329 C-BUS 16" REPLACEMENT CHANGER CABLE</p>	<p>CCA561 CeNET 16" REPLACEMENT CHANGER CABLE</p>	<p>DCA005 16" FIBER OPTIC CABLE</p> <ul style="list-style-type: none"> • New to New Toss Link Connectors
	<p>CCA520 CeNET 8" M/F EXTENSION CABLE</p>	<p>CCA521 CeNET 20.5" M/F EXTENSION CABLE</p>	<p>DCA006 16" FIBER OPTIC CABLE</p> <ul style="list-style-type: none"> • Old to New Toss Link Connectors
		<p>DCA007 16" FIBER OPTIC CABLE</p> <ul style="list-style-type: none"> • New to Old Toss Link Connectors 	<p>DCA008 5" FIBER OPTIC CABLE</p> <ul style="list-style-type: none"> • New to New Toss Link Connectors

MARINE AUDIO ROCKING BOATS EVERYWHERE

Marine Audio

Making Waves with Top-Notch Audio Entertainment ...Clarion Marine Audio

There's nothing like a day on the water. Friends, family, food, drink and some tunes. It inspires a feeling you can't get anywhere else. Clarion has pursued this feeling for years, creating great sounding components designed and built specifically for the marine environment. Our dedication to this growing category has made Clarion the number one selling brand of marine audio components in the world.

Take Control of Your Music Anywhere on the Boat

Conceived around the Human-Machine Interface philosophy, Clarion's marine remote controls add a new dimension to the marine environment. These remotes provide full control and operation of the CMD4 and M455 marine source units.



They are constructed to withstand salt, fog and extended UV exposure. And, with Clarion's HMI and multiple remote compatibility, they present the operator and passengers control of the source unit from just about anywhere in the boat.

Driving Sound that's Never Watered Down

Today, Clarion boasts the industries most complete lineup of marine speakers. Our flagship line, the innovative Sport Series, includes a 7" coaxial speaker and a 10" subwoofer. Both utilize durable polypropylene cones, and both have new



cosmetic designs. The line is rounded out with three 7" and three 6" speaker solutions including system, coaxial and dual cone options and a 10" subwoofer designed specifically for marine applications.

Replace the Sound of Waves with Waves of Sound

An amplifier is essential in marine applications where engine noise and high ambient noise, such as wind and water, compete with the sound system. Without proper amplification, cranking up the volume only means increased distortion



and damage to your speakers. But not just any amplifier will do. Both our two and four channel amps feature conformal-coated double sided PCB and fully painted, non-corrosive aluminum heat sinks to withstand the rigors of the marine environment.



CMD4

WATERTIGHT MARINE CD RECIEVER/ CeNET CONTROL

- Meets or Exceeds ASTM B117 [Salt/Fog Exposure] • Meets or Exceeds ASTM D4329 [UV Exposure] • Rotary Volume Control • Adjustable Display Contrast
- 2-Band Parametric Equalizer • 18FM/6AM Presets • 212 Watt MOS-FET Amplifier (53 Watts x 4 Channels) • CD-R/RW Ready • Pelgan Z Coated PCB
- CeNET Control of: 6-Disc CD Changer and Satellite Receiver • 6-Channel RCA Output • Adjustable Display Contrast • 2-Channel AUX Input with Input Level Control



Setting the Standard for Marine Audio

Clarion is serious about marine audio components. For Clarion, marine means more than a look. We have spent years designing, engineering and perfecting source units that can stand up to water and ultraviolet rays. Clarion's CMD4 is a source unit designed to resist water in all its forms: waves, rain, humidity and everything else that the marine environment can throw at it. The CMD4's cosmetics and features look as good as it sounds... wet or dry.

This Door Seals Watertight and Releases Quickly

Clarion's unique rubber gasket door assembly gives the CMD4's internal components complete water protection (this assembly has endured 10,000 duty cycles of testing). Innovation is nothing new for Clarion; our designs have shown unparalleled durability under extreme conditions and have been the industry reference for years. This design allows for easy one-touch CD loading... so the CMD4 is both reliable and functional.



CMRC1-SB

WATERTIGHT SILVER AND BLACK MARINE REMOTE CONTROL WITH LCD FOR CMD4 & M455



CMRC2-SB

WATERTIGHT SILVER AND BLACK MARINE REMOTE CONTROL FOR CMD4 & M455



CMRC1-BSS

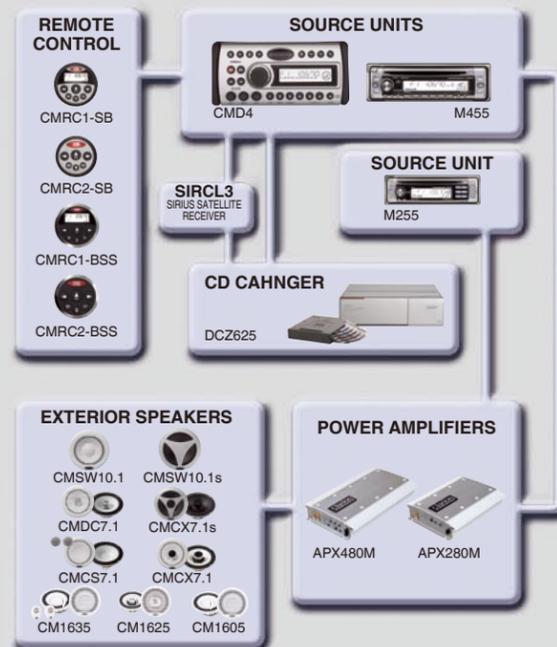
WATERTIGHT STAINLESS STEEL AND BLACK MARINE REMOTE CONTROL WITH LCD FOR CMD4 & M455



CMRC2-BSS

WATERTIGHT STAINLESS STEEL AND BLACK MARINE REMOTE CONTROL FOR CMD4 & M455

MARINE AUDIO SYSTEM



The flip-down face of the CMD4 marine audio head unit flips up to protect the CD mechanism from water.

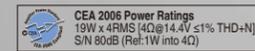


M455

MARINE CD RECIEVER/ CeNET CONTROL



- Aluminum Faceplate • Rotary Volume Control • High Definition Positive LCD with Adjustable Display Contrast • Z-Enhancer Plus Sound Customization
- 18FM/6AM Presets • 208 Watt MOS-FET Amplifier (52 Watts x 4 Channels) • CD-R/RW Ready • Pelgan Z Coated PCB • CeNET Control of: 6-Disc CD Changer, TV tuner and Satellite Receiver • 4-Channel RCA Output • Integrated Drip Shield
- 2-Channel AUX Input with Input Level Control



APX480M

MARINE 640W 4/3/2 CHANNEL POWER AMPLIFIER

- 640 Watts of Maximum Music Power • 80W x 4 Into 4 Ohms, 20Hz-20kHz @ .05%THD • 115W x 4 Into 2 Ohms, 20Hz-20kHz @ .2%THD • Variable Bass Extender, 0-15dB @ 45Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz-550Hz • Mixed Mode Operation • Conformal Coated Double Sided PCB • Fully Painted Non-Corrosive Aluminum Heat Sink • 13"(W) x 8 1/4"(D) x 2 1/8"(H)



M255

MARINE CD RECIEVER



- Rotary Volume Control • Pelgan Z Coated PCB • Z-Enhancer Sound Customization • Integrated Drip Shield • MAGNA BASS EX Dynamic Bass Enhancement • 18FM/6AM Presets • High Definition Positive LCD • 200 Watt Amplifier (50 Watts x 4 Channels) • CD-R/RW Ready • 2-Channel RCA Output



APX280M

MARINE 320W 2/1 CHANNEL POWER AMPLIFIER

- 320 Watts of Maximum Music Power • 80W x 2 Into 4 Ohms, 20Hz-20kHz @ .05%THD • 160W x 2 Into 2 Ohms, 20Hz-20kHz @ .2%THD • Variable Bass Extender, 0-15dB @ 45Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz-550Hz • Mixed Mode Operation • Conformal Coated Double Sided PCB • Fully Painted Non-Corrosive Aluminum Heat Sink • 9"(W) x 8 1/4"(D) x 2 1/8"(H)



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 utilize 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 name Clarion. This subwoofer offers flexible installation possibilities to overcome the obstacles often associated with marine installs.



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 Grill / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



CMCS7.1 Input MAX 160W 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 Grill / 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 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 Grill / 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 Grill / 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 Grill / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



CM1635 Input MAX 130W 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 Grill / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



CM1625 Input MAX 100W 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 Grill / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket



CM1605 Input MAX 100W 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 Grill / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • 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 Grill / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • 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 requires for UV, salt and fog exposure. This is achieved by utilizing an array of materials including polypropylene woofer cone, santoprene rubber surround, gold plated terminals, rubber insulated tinsel leads, stainless steel mounting hardware and Centrex 814 grills and frames. These materials are capable of the 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.

Amplifiers/Subwoofers/Speakers

2006
Powered to Perform, Created to Overwhelm

Your amplifier and speaker systems are the interface between audio signals and your senses. So the quality of your components will have a direct impact on the quality of sound you experience. From crystalline highs to thundering lows, Clarion amps and speakers deliver the sound of satisfaction.

Clarion Amps Feature High Performance

New for 2006 is an amplifier line that does it all – jaw-dropping power, stunning sonic performance, industry leading features and all at prices that will revolutionize the industry. How was this achieved? The latest technologies were combined with classic designs for benchmark performance and stunning reliability. Our new DPX11500 and DPX1800 amplifiers feature a combination of Class G and Class H power supplies and output stages – not just a simple Class D design. This allows these amps to produce more power (1500W and 800W respectively



with CEA-2006 compliance) while putting less load on your cars electrical system. This means more power to your speakers, no thermal shutdown problems and longer play times than our competitors – at any price. Is sonic purity your game? The new Clarion APX2180 and APX4360 amplifiers deliver with awesome 10Hz to 50kHz ($\pm 1\text{dB}$) frequency response and distortion numbers as low as 0.004%. All the time offering a sonic signature that matches or betters most amplifiers costing two or three times as much. Looking for industry leading features? We offer innovative features such as our three-stage Input Voltage Selector gain control, Precise Frequency Selector Crossover and even simple connectivity with speaker level inputs on every model. The 2006 Clarion amplifier shares the same cosmetic theme from top to bottom – so you can mix and match products to create the perfect system – at the perfect price.

Clarion Subwoofers – a New Benchmark for Performance, Style and Value.

Low frequency extension, small enclosure requirements and awesome power handling – just three of the characteristics of the new PXW subwoofer line. These subwoofers don't just sound great, but they look equally impressive. These subwoofers feature an aggressively styled cast aluminum basket for a rock solid foundation. The cones are formed using a composite of pulp paper and kevlar. Linear poly-cotton spiders with oversized tinsel leads sewn to them ensure perfect piston-like operation. Our electrolytically applied spun aluminum polypropylene dust cap is reinforced with five spokes that not only look cool, but add significant strength. The copolymer composite surround allows awesome driver excursion, combined with the longevity and durability of rubber and the flexibility of foam. The new PXW line of subwoofers can handle serious power. Spider Exhaust



Technology, a vented pole piece and high temperature voice coil formers allow the 15" PXW1552 to handle 1,500W of maximum music power, while the 10" and 12" versions will handle 1,000W without damage to the voice coil or suspension component failure. Many of the technologies and features found in the PXW line of subwoofers trickles down into the SRW and SW series subwoofers. Clarion subwoofers offer stunning performance and awesome styling – all at prices that embarrass the competition.

Clarion Speakers Span the Spectrum from Bass to Treble

Subwoofers sometimes steal the spotlight, but you can't get great sound without great speakers for midrange and high frequencies. Clarion's plate, coaxial, and component speakers utilize titanium-metallized mica-injection polypropylene woofer cones with powerful strontium magnets for bass, metallized balanced-drive tweeters with neodymium magnets for treble, and high technology from top to bottom. Two-way, three-way and four-way speakers meet the needs of different listeners and different vehicles. Clarion's speakers include OEM upgrades (those



designed to replace OEM speakers that were installed in vehicles when they are built at the factory) and component speakers designed for custom AV mobile-entertainment systems. For example, the SRS1686 two-way component speakers combine a 3/4" silk-dome tweeter with a 6 1/2" glass-fiber-cone woofer and a two-way crossover network attenuating signals outside the passband with a slope of 12 dB per octave. And these speakers will take 250 watts of maximum music power.

Amplifiers

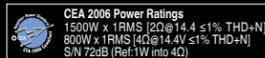


DPX11500

1500W MONO POWER AMPLIFIER



- 1500 Watts of Maximum Music Power • 800W x 1 Into 4 Ohms, 20Hz-20kHz @ < 0.05%THD • 1500W x 1 Into 1 or 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Adjustable Subsonic Filter, 10-80Hz • Remote Control Included • Input Voltage Selector • Precise Frequency Selector • Variable Bass Boost; 0-15dB @ 30-125Hz • Adjustable -12db/Oct. Low Pass Crossover, 50-250Hz • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 21 1/4" x 12" x 2 7/8"



DPX1800

800W MONO POWER AMPLIFIER



- 800 Watts of Maximum Music Power • 450W x 1 Into 4 Ohms, 20Hz-20kHz @ < 0.05%THD • 800W x 1 Into 1 or 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Adjustable Subsonic Filter, 10-80Hz • Remote Control Included • Input Voltage Selector • Precise Frequency Selector • Variable Bass Boost; 0-15dB @ 30-125Hz • Adjustable -12db/Oct. Low Pass Crossover, 50-250Hz • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 19 1/4" x 12" x 2 7/8"

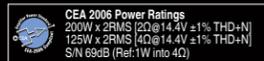


DPX2250

400W 2/1 CHANNEL POWER AMPLIFIER



- 400 Watts of Maximum Music Power • 125W x 2 Into 4 Ohms, 20Hz-20kHz @ < 0.05%THD • 200W x 2 Into 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Bridgeable, 400W x 1, 20Hz-20kHz @ < 0.2%THD • Input Voltage Selector • Precise Frequency Selector • Variable Bass Extender; 0-15dB @ 50Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 50-250Hz • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 13 1/4" x 12" x 2 7/8"



APX4360

640W 4/3/2 CHANNEL POWER AMPLIFIER

- 640 Watts of Maximum Music Power • 90W x 4 Into 4 Ohms, 20Hz-20kHz @ < 0.05%THD • 150W x 4 Into 2 Ohms, 20Hz-20kHz @ < 0.2%THD • Bridgeable, 300W x 2, 20Hz-20kHz @ < 0.2%THD • Mixed Mode Operation • Input Voltage Selector • Precise Frequency Selector • Variable Bass Boost; 0-15dB @ 50Hz • Independent Front/Rear Adjustable -12db/Oct. High/Low Pass Crossovers, 55Hz-550Hz or 550Hz-5.5kHz with the Crossover Frequency Multiplier • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 16" x 12" x 2 7/8"



APX2180

320W 2/1 CHANNEL POWER AMPLIFIER

- 320 Watts of Maximum Music Power • 90W x 2 Into 4 Ohms, 20Hz-20kHz @ < 0.05%THD • 150W x 2 Into 2 Ohms, 20Hz-20kHz @ < 0.2%THD • Bridgeable, 300W x 1, 20Hz-20kHz @ < 0.2%THD • Mixed Mode Operation • Input Voltage Selector • Precise Frequency Selector • Variable Bass Boost; 0-15dB @ 50Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz-550Hz or 550Hz-5.5kHz with the Crossover Frequency Multiplier • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 12" x 12" x 2 7/8"

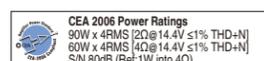


APX4240

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"



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"



APX1300

400W MONO POWER AMPLIFIER



- 400 Watts of Maximum Music Power • 300W x 1 Into 4 Ohms, 20Hz-20kHz @ < 0.1%THD • 400W x 1 Into 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Selectable Bass Boost; 0dB/6dB/12dB @ 50Hz • Adjustable -12db/Oct. Low Pass Crossover @ 50Hz-300Hz • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 13" x 10 7/8" x 2 3/4"



Subwoofers

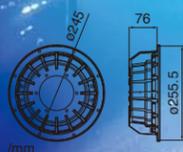
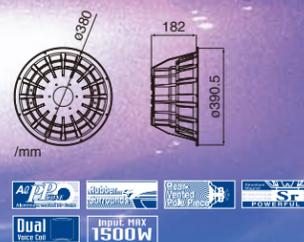
Subwoofers for Every Possible Circumstance

Clarion offers a full line of subwoofers for every installation situation and value proposition. Exemplifying the special applications in this family of innovative subwoofers is the massive 15" PXW1552 cast frame, dual voice coil monster subwoofer and the ultra cool PFW1051 shallow depth, composite cone subwoofer. The PXW1552 dual voice coil arrangement gives you maximum flexibility for wiring the sub to extract maximum power from the amplifier. With 1500 watts of maximum music power handling, this sub will leave even the heaviest bass heads satisfied. The shallow mounting depth of the PFW1051 subwoofer allows low profile enclosure dimensions that make it perfectly suited for false floor trunks, behind truck seats, and rear side panels in SUVs so that both cargo space and great bass are maximized. The proprietary die cast aluminum baskets on these models provides a robust mechanical structure and doubles as a heatsink to quickly dissipate any SPL robbing heat in the moving parts of the subwoofer. Clarion's technology in these subwoofers will impress even the most demanding listeners.



PXW1552 15" DUAL 4-OHM VOICE COIL SUBWOOFER

- 1500 Watts of Maximum Music Power • 750 Watts RMS
- Dual 4-Ohm Heat Resistant Voice Coils • Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • Co-polymer Composite High Excursion Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Dual Gold Plated Block Terminals • Linear Poly-cotton Spider with Integrated Tinsel Leads • S.E.T. (Spider Exhaust Technology) Cooling • Custom Designed Die Cast Aluminum • Hidden Screw Mounting Gasket • Outside Dimension 15 3/8" • Mounting Depth 7"



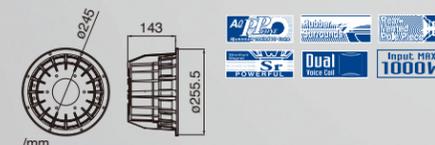
PFW1051 10" SINGLE 4-OHM VOICE COIL SHALLOW SUBWOOFER

- 600 Watts of Maximum Music Power • 300 Watts RMS
- Single 4-Ohm Heat Resistant Voice Coils
- Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • Co-polymer Composite High Excursion Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Dual Gold Plated Block Terminals • Linear Poly-cotton Spider with Integrated Tinsel Leads • S.E.T. (Spider Exhaust Technology) Cooling • Custom Designed Die Cast Aluminum • Hidden Screw Mounting Gasket • Outside Dimension 10 3/8" • Mounting Depth 3"



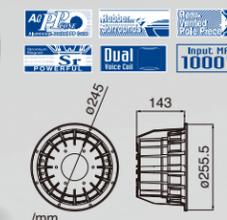
PXW1052 10" DUAL 4-OHM VOICE COIL SUBWOOFER

- 1000 Watts of Maximum Music Power • 500 Watts RMS
- Dual 4-Ohm Heat Resistant Voice Coils
- Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • Co-polymer Composite High Excursion Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Dual Gold Plated Block Terminals • Linear Poly-cotton Spider with Integrated Tinsel Leads • S.E.T. (Spider Exhaust Technology) Cooling • Custom Designed Die Cast Aluminum • Hidden Screw Mounting Gasket • Outside Dimension 10 3/8" • Mounting Depth 5 1/2"



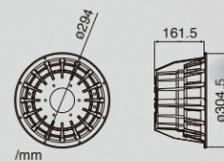
PXW1051 10" DUAL 2-OHM VOICE COIL SUBWOOFER

- 1000 Watts of Maximum Music Power • 500 Watts RMS
- Dual 2-Ohm Heat Resistant Voice Coils
- Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • Co-polymer Composite High Excursion Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Dual Gold Plated Block Terminals • Linear Poly-cotton Spider with Integrated Tinsel Leads • S.E.T. (Spider Exhaust Technology) Cooling • Custom Designed Die Cast Aluminum • Hidden Screw Mounting Gasket • Outside Dimension 10 3/8" • Mounting Depth 5 1/2"



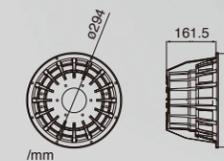
PXW1251 12" DUAL 2-OHM VOICE COIL SUBWOOFER

- 1000 Watts of Maximum Music Power • 500 Watts RMS
- Dual 2-Ohm Heat Resistant Voice Coils • Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • Co-polymer Composite High Excursion Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Dual Gold Plated Block Terminals • Linear Poly-cotton Spider with Integrated Tinsel Leads • S.E.T. (Spider Exhaust Technology) Cooling • Custom Designed Die Cast Aluminum • Hidden Screw Mounting Gasket • Outside Dimension 12 3/8" • Mounting Depth 6 3/8"



PXW1252 12" DUAL 4-OHM VOICE COIL SUBWOOFER

- 1000 Watts of Maximum Music Power • 500 Watts RMS
- Dual 4-Ohm Heat Resistant Voice Coils • Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • Co-polymer Composite High Excursion Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Dual Gold Plated Block Terminals • Linear Poly-cotton Spider with Integrated Tinsel Leads • S.E.T. (Spider Exhaust Technology) Cooling • Custom Designed Die Cast Aluminum • Hidden Screw Mounting Gasket • Outside Dimension 12 3/8" • Mounting Depth 6 3/8"

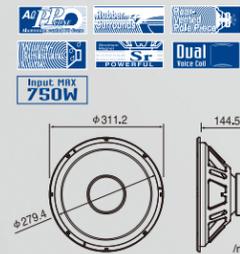


Subwoofers

SRW1285

12" DUAL VOICE COIL SUBWOOFER

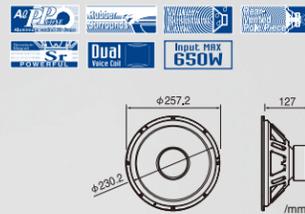
- 750 Watts of Maximum Music Power • 375 Watts RMS
- Dual 4-Ohm Heat Resistant Voice Coils
- Polypropylene Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • High Excursion Rubber Composite Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Chrome Plated Spring Compression Terminals
- Precision Stamped Frame with Magnet Protector • Outside Dimension 12 3/8" • Mounting Depth 6 1/4"



SRW1085

10" DUAL VOICE COIL SUBWOOFER

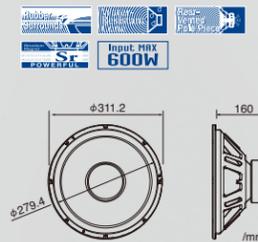
- 650 Watts of Maximum Music Power • 325 Watts RMS • Dual 4-Ohm Heat Resistant Voice Coils • Polypropylene Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • High Excursion Rubber Composite Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Chrome Plated Spring Compression Terminals • Precision Stamped Frame with Magnet Protector • Outside Dimension 10 3/8" • Mounting Depth 5 3/4"



SW12X

12" SINGLE VOICE COIL SUBWOOFER

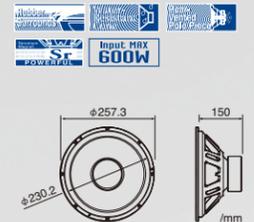
- 600 Watts of Maximum Music Power • 300 Watts RMS • Single 4-Ohm Heat Resistant Voice Coil • Polypropylene Dust Cap Design • Kevlar Reinforced Cone Design • Foam/Rubber Composite Surround • Dual Strontium Ferrite Magnet Motor Assembly • Rear Vented Pole Piece • Chrome Plated Spring Compression Terminals • Steel Stamped Frame • Outside Dimension 12 3/8" • Mounting Depth 5 7/8"



SW10X

10" SINGLE VOICE COIL SUBWOOFER

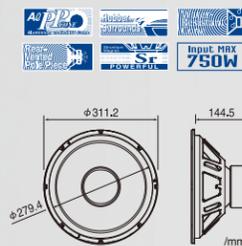
- 600 Watts of Maximum Music Power • 300 Watts RMS • Single 4-Ohm Heat Resistant Voice Coil • Polypropylene Dust Cap Design • Kevlar Reinforced Cone Design • Foam/Rubber Composite Surround • Dual Strontium Ferrite Magnet Motor Assembly • Rear Vented Pole Piece • Chrome Plated Spring Compression Terminals • Steel Stamped Frame • Outside Dimension 10 3/8" • Mounting Depth 5 5/8"



SRW1245

12" SINGLE VOICE COIL SUBWOOFER

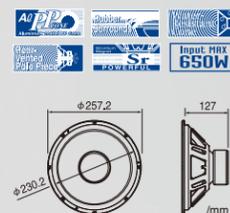
- 750 Watts of Maximum Music Power • 375 Watts RMS • Single 4-Ohm Heat Resistant Voice Coil • Polypropylene Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • High Excursion Rubber Composite Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Chrome Plated Spring Compression Terminals • Precision Stamped Frame with Magnet Protector • Outside Dimension 12 3/8" • Mounting Depth 6 1/4"



SRW1045

10" SINGLE VOICE COIL SUBWOOFER

- 650 Watts of Maximum Music Power • 325 Watts RMS • Single 4-Ohm Heat Resistant Voice Coil • Polypropylene Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design • High Excursion Rubber Composite Surround • Dual Strontium Ferrite Magnet Motor Assembly • Hyper-extended Vented Pole Piece • Chrome Plated Spring Compression Terminals • Precision Stamped Frame with Magnet Protector • Outside Dimension 10 3/8" • Mounting Depth 5 3/4"



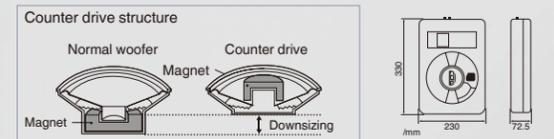
POWERED SUBWOOFER



SRV303

7" AMPLIFIED SUBWOOFER

- 120 Watts of Maximum Music Power
- 7" Counter Drive Subwoofer • Selectable Crossover (50/75/100/120Hz) • Detachable Control Panel
- Adjustable Input Gain • Selectable Phasing
- RCA and Speaker Level Inputs



Dual Voice Coil Flexibility

The 10" and 12" PXW subwoofer are available with dual 2Ω or dual 4Ω voice coils. This means, you know have 1Ω, 2Ω, 4Ω and 8Ω drivers available from two simple choices. Combine any number of woofers and you can ensure that you get the most possible power from your amplifiers.

Subwoofer Cooling

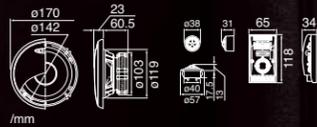
Heat is the number one enemy of a subwoofer. All of Clarions subwoofers feature Spider Exhaust Technology to allow hot air to escape from the outside of the voice coil assembly. Vented pole pieces allow airflow through the center of the motor structure to further improve power handling. Finally, high temperature voice coil formers take the forefront in the battle against heat building up in the voice coil. These features combine to reduce thermal compression (reduced output because of heat) and ensure reliable operation.

Speakers

SRS1686

6 1/2" 2-WAY COMPONENT SPEAKER SYSTEM

- 250 Watts of Maximum Music Power • High Grade -12dB/oct. Crossover Network with Level Attenuator • GM Fit Basket Design / Chrysler Adaptor Included
- 6 1/2" Bidirectional Glass-Fiber Woofer Cone
- Rubber Surround • Powerful Strontium Magnet for Dynamic Bass Response
- 3/4" Pure Silk Dome Tweeter • Dual Neodymium Magnets • High Frequency Reproduction (up to 120kHz) • Custom Fit Tweeter Brackets Included (Flush, Surface)

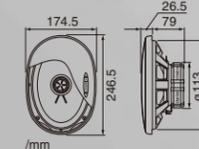
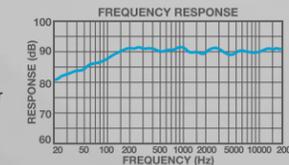


SRR6986

6" X 9" COAXIAL 2-WAY SPEAKER



- 350 Watts of Maximum Music Power
- "In-Phase" Coaxial Design for High End Sound and Imaging
- 6" x 9" Bidirectional Glass-Fiber Woofer Cone • Rubber Surround • Powerful Strontium Magnet for Dynamic Bass Response
- 1" Pure Silk Dome Tweeter • Dual Neodymium Magnets • High Frequency Reproduction (up to 80kHz)

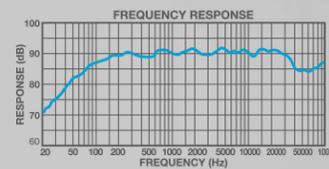
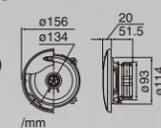


SRR1386

5 1/4" COAXIAL 2-WAY SPEAKER



- 200 Watts of Maximum Music Power • "In-Phase" Coaxial Design for High End Sound and Imaging
- 5 1/4" Bidirectional Glass-Fiber Woofer Cone
- Rubber Surround • Powerful Strontium Magnet for Dynamic Bass Response
- 3/4" Pure Silk Dome Tweeter
- Dual Neodymium Magnets
- High Frequency Reproduction (up to 120kHz)

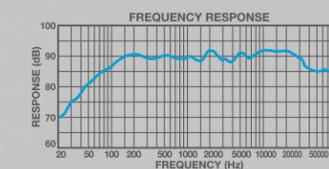
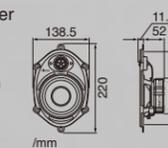


SRC5796

5" X 7" 2-WAY PLATE SPEAKER



- 170 Watts of Maximum Music Power • Designed for Direct OEM Replacement
- 5" Bidirectional Glass-Fiber Woofer Cone • Rubber Surround • Powerful Strontium Magnet for Dynamic Bass Response
- 3/4" Pure Silk Dome Tweeter
- Dual Neodymium Magnets
- High Frequency Reproduction (up to 120kHz)

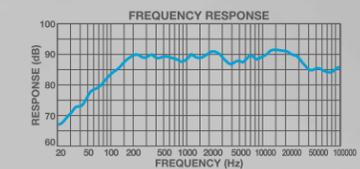
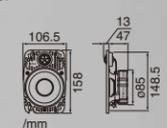


SRC4696

4" X 6" 2-WAY PLATE SPEAKER



- 150 Watts of Maximum Music Power • Designed for Direct OEM Replacement
- 4" Bidirectional Glass-Fiber Woofer Cone
- Rubber Surround • Powerful Strontium Magnet for Dynamic Bass Response
- 3/4" Pure Silk Dome Tweeter
- Dual Neodymium Magnets
- High Frequency Reproduction (up to 120kHz)



PHAZE 1 SPEAKERS

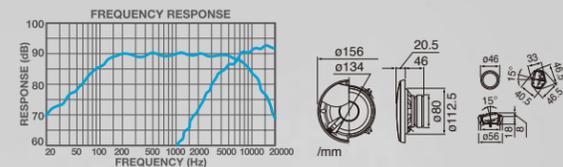


SRS1326

5 1/4" 2-WAY COMPONENT SPEAKER SYSTEM



- 200 Watts of Maximum Music Power • 5 1/4" Titanium Metalized Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response
- In-Line -6dB/oct. Crossover Network • Custom Fit Tweeter Brackets Included (Flush, Surface)



SRS1626

6 1/2" 2-WAY COMPONENT SPEAKER SYSTEM



- 200 Watts of Maximum Music Power • 6 1/2" Titanium Metalized Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • In-Line -6dB/oct. Crossover Network • Custom Fit Tweeter Brackets Included (Flush, Surface) • GM fit basket design / Chrysler Adaptor Included

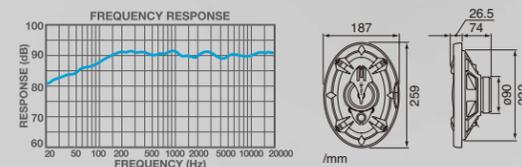


SRR6946

6" X 9" MULTIAXIAL 4-WAY SPEAKER



- 350 Watts of Maximum Music Power • 6" x 9" Titanium Metalized Mica-Injection Polypropylene Woofer Cone • 2 5/8" Metalized PEI Balanced Drive Midrange • 5/8" Dome Tweeter and Super Dome Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

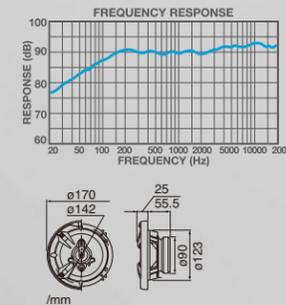


SRR1646

6 1/2" MULTIAXIAL 4-WAY SPEAKER



- 280 Watts of Maximum Music Power • 6 1/2" Titanium Metalized Mica-Injection Polypropylene Woofer Cone • 1 3/16" Metalized PEI Balanced Drive Midrange • 5/8" Dome Tweeter and Super Dome Tweeter • Powerful Strontium Magnet for Dynamic Bass Response
- GM fit basket design / Chrysler Adaptor Included

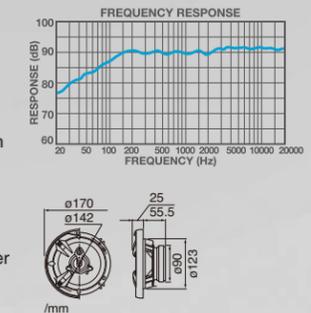


SRR1636

6 1/2" MULTIAXIAL 3-WAY SPEAKER



- 230 Watts of Maximum Music Power • 6 1/2" Titanium Metalized Mica-Injection Polypropylene Woofer Cone • 1 3/16" PEI Balanced Drive Midrange • 5/16" PEI Balanced Drive Dome Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • GM fit basket design / Chrysler Adaptor Included

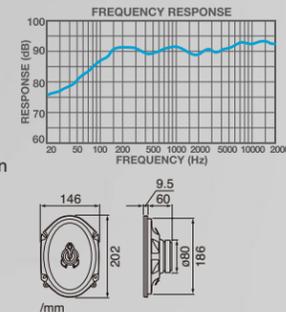


SRC6836

6" X 8" CUSTOM FIT MULTIAXIAL 3-WAY SPEAKER



- 220 Watts of Maximum Music Power • 6" x 8" Titanium Metalized Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Midrange • 5/16" PEI Balanced Drive Dome Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • Designed for Direct OEM Replacement

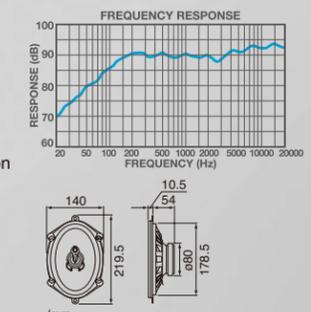


SRC5736

5" X 7" CUSTOM FIT MULTIAXIAL 3-WAY SPEAKER



- 200 Watts of Maximum Music Power • 5" x 7" Titanium Metalized Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Midrange • 5/16" PEI Balanced Drive Dome Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • Designed for Direct OEM Replacement

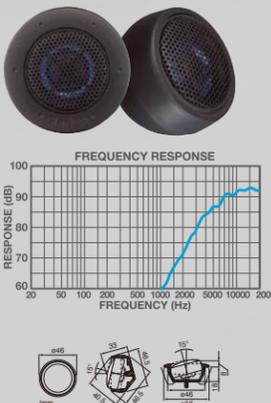


SRH206

1" BALANCED DRIVE TWEETER



- 200 Watts of Maximum Music Power • 1" Metalized PEI Balanced Drive Tweeter • Powerful Neodymium Magnet for Dynamic Response • In-Line -6dB/oct. Crossover Network • Custom Fit Tweeter Brackets Included (Flush, Surface)

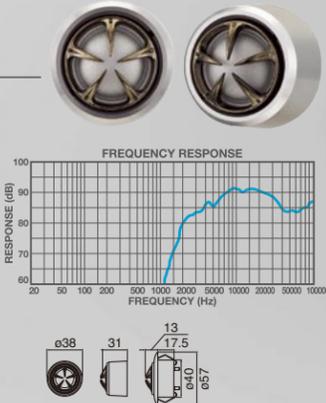


SRH292HX

3/4" DOME TWEETER



- 250 Watts of Maximum Music Power • 3/4" Pure Silk Dome Tweeter • In-Line -6dB/oct. Crossover Network • Dual Neodymium Magnets • High Frequency Reproduction (up to 120kHz) • Custom Fit Tweeter Brackets Included (Flush, Surface)



PHAZE 1 SPEAKERS

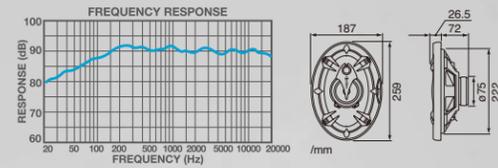


SRR6916

6" X 9" MULTIAXIAL 3-WAY SPEAKER



• 250 Watts of Maximum Music Power • 6" x 9" Mica-Injection Polypropylene Woofer Cone • 2 5/8" PEI Midrange Cone • 5/8" PEI Dome Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

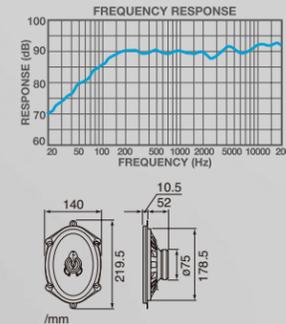


SRC5716

5" X 7" CUSTOM FIT COAXIAL 2-WAY SPEAKER



• 150 Watts of Maximum Music Power • 5" x 7" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • Designed for Direct OEM Replacement

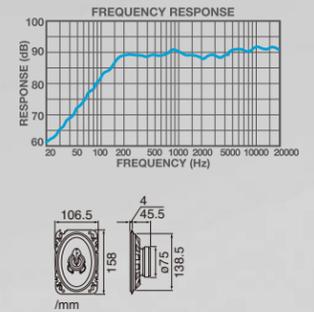


SRC4617

4" X 6" CUSTOM FIT COAXIAL 2-WAY SPEAKER



• 120 Watts of Maximum Music Power • 4" x 6" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • Designed for Direct OEM Replacement

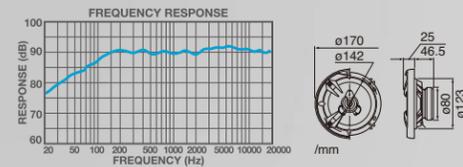


SRR1616

6 1/2" COAXIAL 2-WAY SPEAKER



• 180 Watts of Maximum Music Power • 6 1/2" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • GM fut basket design / Chrysler Adaptor Included

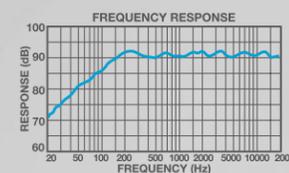


SRR1316

5 1/4" COAXIAL 2-WAY SPEAKER



• 150 Watts of Maximum Music Power • 5 1/4" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

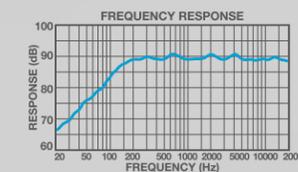


SRR1016

4" COAXIAL 2-WAY SPEAKER



• 120 Watts of Maximum Music Power • 4" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

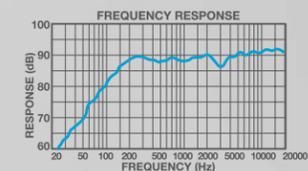


SRC916

3 1/2" CUSTOM FIT COAXIAL 2-WAY SPEAKER



• 60 Watts of Maximum Music Power • 3 1/2" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • Designed for Direct OEM Replacement

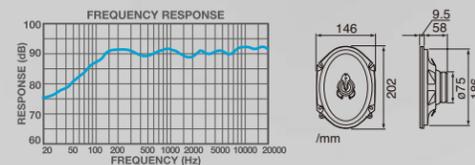


SRC6816

6" X 8" CUSTOM FIT COAXIAL 2-WAY SPEAKER



• 170 Watts of Maximum Music Power • 6" x 8" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • Designed for Direct OEM Replacement



AUDIO COMPONENTS

Source Units	VRX765VD	MAX675VD	DRZ9255	DXZ865MP	DXZ765MP	DXZ665MP	DXZ465MP	DXZ365MP	DB365USB	DXZ265	DB265MP	DB165	DFZ675MC	ADB340MP
CeNET	*	*	*	*	*	*	*	*		*			*	
SAT Ready	*	*		*	*	*	*	*		*			*	
Touch Panel Control	*	*		*	*	*	*	*						
Motorized Faceplate	*	*		*	*	*	*	*						
Flip Down Faceplate							*	*						*
DVD Playback	*	*		*	*	*	*	*					*	
MP3 Playback	*	*		*	*	*	*	*	*				*	*
WMA Playback	*	*		*	*	*	*	*	*				*	*
Music Catcher													*	
USB Compatible									*					
Z-Enhancer				ADF	*	*	*	*	*	*	*	*	Digital	
MOS-FET Amplifier					*	*	*	*	*	*	*	*		
Power Rating	50w X 4	50w X 4		53w X 4	53w X 4	53w X 4	52w X 4	50w X 4	50w X 4	50w X 4	45w X 4	45w X 4	50w X 4	50w X 4
# of RCA Outputs	6	6	8	6	6	4	4	2	4	2	2	2	4	2
RCA Output Voltage	2V	2V	4V	4V	4V	2V	2V	2V	2V	2V	2V	2V	2V	2V
Auxiliary Input(s)	1 A/V	1 A/V	2 Audio	1 Audio	1 Audio	1 Audio	1 Audio		1 Audio				1 Mini audio	1 Audio

Amplifiers	DPX11500	DPX1800	DPX2250	APX4360	APX2180	APX4240	APX2120	APX1300
Number of Channels	1	1	2/1	4/3/2	2/1	4/3/2	2/1	1
Maximum Power Output	1500w	800w	400w	640w	320w	400w	200w	400w
MOS-FET Power Supply	*	*	*	*	*	*	*	*
4-Ohm, 20Hz-20kHz	800w X 1	450w X 1	125w X 2	90w X 4	90w X 2	60w X 4	60w X 2	300w X 1
2-Ohm, 20Hz-20kHz	1500w X 1	800w X 1	200w X 2	150w X 4	150w X 2	90w X 4	90w X 2	400w X 1
Bridged, 20Hz-20kHz			400w X 1	300w X 2	300w X 1			
2-Ohm Stable	*	*	*	*	*	*	*	*
2-Ohm Mono Stable	*	*	*	*	*	*	*	*
Variable Bass Boost Control	*	*	*	*	*	*	*	*
Gold Plated Connections	*	*	*	*	*	*	*	*
Speaker Level Input	*	*	*	*	*	*	*	*
Dimensions (W" X L" X H")	21 1/4 X 12 X 2 7/8	19 1/4 X 12 X 2 7/8	13 1/4 X 12 X 2 7/8	16 X 12 X 2 7/8	12 X 12 X 2 7/8	13 X 10 7/8 X 2 3/4	10 5/8 X 10 7/8 X 2 3/4	13 X 10 7/8 X 2 3/4

Subwoofers	PXW1552	PXW1252	PXW1251	PXW1052	PXW1051	PFW1051	SRW1285	SRW1245	SRW1085	SRW1045	SW12X	SW10X
Max Power Handling	1500w	1000w	1000w	1000w	1000w	600w	750w	750w	650w	650w	600w	600w
Continuous Power Handling	750w	500w	500w	500w	500w	300w	375w	375w	325w	325w	300w	300w
Frequency Response	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	30Hz-500Hz	30Hz-500Hz	32Hz-500Hz	32Hz-500Hz	32Hz-500Hz	32Hz-500Hz
Efficiency	90dB	87dB	87dB	84dB	84dB	84dB	82dB	82dB	81dB	81dB	82dB	81dB
Basket Type	Die Cast Aluminum	Stamped Steel										
# of Voice Coils	2	2	2	2	2	1	2	1	2	1	1	1
Impedance	4 Ohm	4 Ohm	2 Ohm	4 Ohm	2 Ohm	4 Ohm	4 Ohm	4 Ohm	4 Ohm	4 Ohm	4 Ohm	4 Ohm
Outside Dimension	15 3/8"	12 3/8"	12 3/8"	10 3/8"	10 3/8"	10 3/8"	12 3/8"	10 3/8"	10 3/8"	12 3/8"	10 3/8"	10 3/8"
Cut Out Size	14"	10 7/8"	10 7/8"	9 1/16"	9 1/16"	9 1/16"	11 3/4"	11 3/4"	9 3/4"	9 3/4"	11 5/8"	9 3/4"
Mounting Depth	7"	6 3/8"	6 3/8"	5 1/2"	5 1/2"	3"	6 1/4"	6 1/4"	5 3/4"	5 3/4"	5 7/8"	5 5/8"
Enclosure Size	1.5 Cu Ft	0.85 Cu Ft	0.85 Cu Ft	0.8 Cu Ft	0.8 Cu Ft	0.5 Cu Ft	0.93 Cu Ft	1.05 Cu Ft	0.74 Cu Ft	0.88 Cu Ft	1.41 Cu Ft	0.7 Cu Ft

MARINE AUDIO COMPONENTS

Marine Source Units	CMD4	M455	M255
CeNET	*	*	*
SIRIUS Ready	*	*	*
Flip Down Faceplate	*	*	*
Watertight Faceplate	*	*	*
Detachable DCP		*	*
Z-Enhancer		*	*
Power Rating	53w X 4	52w X 4	50w X 4
# of RCA Outputs	6	4	2
RCA Output Voltage	2V	2V	2V
Auxiliary Input(s)	1 Audio	1 Audio	
Wire Remote Capable	*	*	*

Marine Amplifiers	APX480M	APX280M
Number of Channels	4/3/2	2/1
Maximum Power Output	640w	320w
MOS-FET Power Supply	*	*
4-Ohm, 20Hz-20kHz	80w X 4	80w X 2
2-Ohm, 20Hz-20kHz	115w X 4	125w X 2
Bridged, 20Hz-20kHz	230w X 2	250w X 1
2-Ohm Stable	*	*
2-Ohm Mono Stable		
Variable Bass Boost Control	*	*
Gold Plated Connections	*	*
Speaker Level Input	*	*
Dimensions (W" X L" X H")	13 X 8 1/4 X 2 1/8	9 X 8 1/4 X 2 1/8

Marine Subwoofers	CMSW10.1	CMSW10.1S
Max Power Handling	350w	350w
Continuous Power Handling	100w	100w
Frequency Response	60Hz-2.5kHz	60Hz-2.5kHz
Efficiency	88dB	88dB
# of Voice Coils	1	1
Impedance	4 Ohm	4 Ohm
Outside Dimension		
Cut Out Size	9 1/16"	9 1/16"
Mounting Depth	4 1/4"	4 1/4"
Enclosure Size	Freeair	Freeair

MP3/WMA FEATURES

			WMA	MP3	
File System	ISO9660	LEVEL1	*	*	
		LEVEL2	*	*	
		LEVEL3	(#1)	(#1)	
	ISO9660 EXTENSION	JOLIET	PLAY	*	
		FILE NAME	64-bytes	128-bytes	
		PLAY	*	*	
		FILE NAME	64-bytes	128-bytes	
'File Descriptor	.mp3 / .MP3			*	
	.Jmp3 / .Mp3			*	
	WMA			*	
MPEG Format	.mp			*	
	MPEG1			*	
	MPEG2			*	
	MPEG2.5			*	
Sampling Frequency	MPEG1				
	MPEG2				
	MPEG2.5				
Bit Rate	WMA		Fs=22.05 - 44.1kHz		
	MPEG1				
	MPEG2				
	MPEG2.5				
Others	WMA		48,64,80,96,128,160,192kbps		
	DIRECTORY DEPTH		MAX 8	MAX 8	
	FILE NAME NUMBER		64-Bite	128-Bite	
	TOTAL FILE NUMBER		'512	'512	
	TOTAL FOLDER NUMBER		'255	'255	
	ID3 TAG	ver.1.x		(#2)	(#2)
		ver.2.x		(#3)	(#3)
		TITLE		*	*
	WMA-TAG	ARTIST		*	*
		ALUBUM		*	*
TITLE			*	*	
VBR	ARTIST		*	*	
	ALUBUM #		(#4)	*	



(#1) Items finalized by ISO9660 can be played back. However, they require verification with Applix Packetman, Adaptec DirectCD, or BZCLIP software. (#2) 30 characters. (#3) The number of letters in one sentence is ver 1.1 level. Anything over this will be cut. Ver2 supports 60 bytes-worth of characters. Unicode recordings support 30 characters. (#4) WMA-TAG recorded by Winamp2 are supported.

FEATURE ICONS

Multimedia/Sorce Units



5.1-Channel Dolby Digital and dts Surround

Since DVDs arrived in homes, home-theater systems had to have 5.1 channels. Now that DVDs have arrived in vehicles, mobile-entertainment systems must have 5.1 channel as well. Both Dolby Digital and dts sound tracks on DVDs contain three front channels (left, center, right) two rear channels (left and right) and a dedicated low-frequency channel for one or more subwoofers. As anyone who has heard a good home-theater system can tell you, a good 5.1-channel system can reproduce the full dynamic range, frequency response and spatial effects from DVDs and other multichannel recordings to make something as small as a vehicle sound as large as a movie theater.



Dolby Pro Logic II

When you play two-channel sound—like FM radio broadcasts or stereo recordings—through a mobile-entertainment system with Dolby Pro Logic II, you can still hear 5.1-channel sound. The DPL II algorithm creates full surround sound, including rear signals, and it can create a front-center signal... or it can create phantom-center images in systems without a center speaker.



CD Text

When a CD Text CD is played on a CD Text player, text info—such as artist name or track title—appears on the display.



WMA/MP3

With decoders for both MP3 and WMA (Windows Media Audio), you can play either type of ripped or downloaded audio files. And ID3-TAG decoding allows display of meta file information. With digital compression, these formats enable up to 12 hours of music to be condensed onto a single CD-R/RW disc with CD-level quality.



SD Memory Card Slot

This enables users to play MP3/WMA files from their SD memory cards through the system.



USB Memory Slot

For playback of MP3/WMA compressed digital-audio files stored on a connected USB memory card or USB-compatible player.



Touch Panel Control

Clarion's Human Machine Interface is an easy-to-use alternative to conventional buttons and knobs. Convenient one-touch menus make it easy to control all the components in your system and operate complex multimedia functions. Call up what you want to hear, select stations, input titles, or control audio and video output... all with the touch of a finger.



Sloping Control Console

Angled surfaces in a vehicle can improve ambient acoustics, and the angled control panel of selected Clarion head units can improve access to buttons that might be otherwise harder to reach. Better, easier and safer.



Flip-Down Consoles

Clarion has designed head units with the CD slot behind the front panel... leaving plenty of space for a controls and a large, easy-to-read display.



Anti-Distortion Filter

Eliminates phase distortion in high and low frequencies and emphasizes the natural frequency characteristics of the sound, for natural flat response and clear details.



Digital Z-Enhancer

This unique Clarion circuit does everything that Z-Enhancer processing can do (including preset frequency-response curves), but does it in the digital domain to avoid phase shifts and other inaccuracies when equalization, filtering, and other processing is done in the analog domain.



Z-Enhancer

This circuit offers three pre-set equalization curves that boost bass only, treble only, or both bass and treble... and users can choose how much boost they want.



Magna Bass EX

Standard loudness circuits boost bass at 100 Hz, but this circuit goes an octave lower to boost bass at 50 Hz. As volume levels go down, Magna Bass EX keeps the bass audible.



Low-Pass and High-Pass Filters

LP filters let bass pass through and cut the level of the treble. HP filters let highs pass through and attenuate the bass. These filters send bass to the woofers and highs to mids and tweeters... so speakers get signals they need.



24-bit D/A converter

This sophisticated Digital-to-Analog converter requantizes the 16-bit digital data encoded on standard compact discs to a 24-bit format for increased resolution, clarity, and accuracy. It combines the superior qualities of the 1-bit D/A converter with wider dynamics and extremely low noise and increased dynamic range (up to 144 dB instead of only 96 dB).



Parametric EQ

Sophisticated equalization allows users to customize frequency response for their speakers and the acoustics of their vehicle.



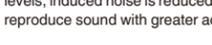
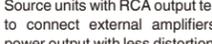
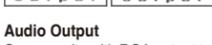
2-Zone Entertainment

Adults in front want music, and kids in back want movies? Clarion lets everyone have the mobile entertainment they want.



Amp Canceller

If a source unit has internal power, but is using an external amplifier, this feature allows users to turn off the internal power section to reduce the radiation of spurious electrical signals.



AUX Input

RCA connectors let users plug in components such as videogame units and portable audio players... and users can control the sound through their Clarion mobile-entertainment system.



Front AUX Input

What could be easier? The front jack lets users easily connect line outputs from portable audio players or other devices into their Clarion systems for high-quality sound.



CeNET

Clarion's original bus system enables high-speed data transfer and high-quality sound transmission. CeNET lets users upgrade with optional components such as CD changers, TV tuners, DSP units, iPod interfaces and so on.



MOS-FET

Metal Oxide Semiconductor Field Effect Transistors, used in the final power stages of amplifiers, are well known as superior transistors for use in audio systems. Since MOS-FETs are highly efficient and have a linear operation curve, they dramatically decrease high-frequency noise and distortion. Greater efficiency means less heat and less high-frequency noise means more detail in the high-frequency range.

Speakers



Glass Fiber Cone

Speaker cones made from glass fiber are strong and light for accurate transient response.



Aluminium-Coated Polypropylene Cone

These light and rigid speaker cones create low-distortion sound.

