

clarion

2006 Catalog for Car Audio, Multimedia, and Marine Products



Human **Mobile** **Interface**
Media **Music**
Clarion HMI



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Clarion H.M.I.

Human Mobile Music Media Interface

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

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

Connecting your music and information to the mobile environment in a user-friendly way enhances your comfort and enjoyment for complete satisfaction.

Let Clarion be the interface that creates the connection.

Our range of products not only entertain you with high quality video and audio, but literally interact with you while on the road.

And no matter how many times you have travelled down the same roads, you will be vividly reborn in the fascinating, magic-blue world of *Clarion Azzurro*.

clarion

CREATIVITY IN THE FORM OF HUMAN-MACHINE INTERFACE.

Pure sound reproduction through absolute high quality and crystallised into forms that will be the envy of drivers in the digital age. Clarion's theme for the 2006 lineup is "Creativity in the form of Human-Machine Interface" to link people, their cars and music more effectively. The fine, solid design vividly accents your car's interior whilst enhancing visibility. Affinity with the latest digital media infinitely expands your possibilities for a new musical lifestyle. And at the summit of Clarion's sound quality and sound sculpting technologies is the AC Processor IV. Clarion's spirit and technologies converge, creating a wave of innovation for people who demand the best in creative car entertainment.

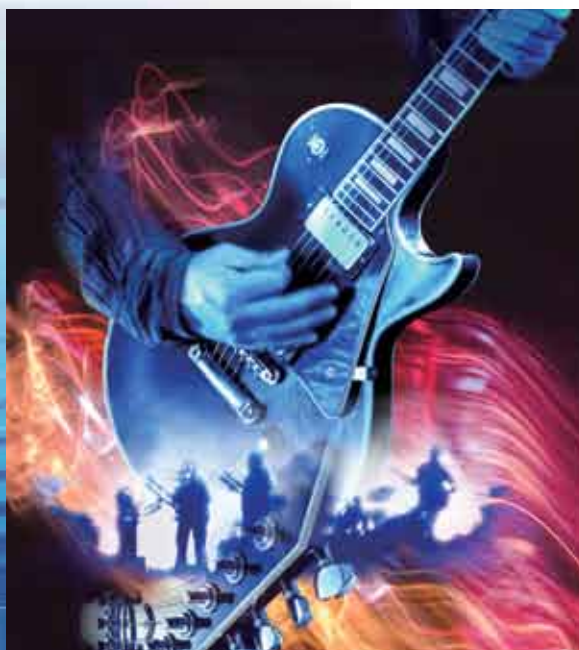
Mobile

Taking on the impulse of your senses.

At times, you want to just stop and let your senses run free. Put yourself at the mercy of the music and the space you love so much. Instead of just driving from point A to point B, taking the time to discover new things and meet new people along the way greatly enhances your driving lifestyle. Designed with solid-looking black face and sharpness of form, and intriguing blue illumination that highlights your console. Sophisticated to the point of simplicity and minimalism, with a Human-Machine Interface that knows human movement inside out. It heralds a new age where response is immediate to the will and sensibilities of the driver. Not just form, but beyond just function. Clarion is the only way you can experience the new design theme "Fine Solid", a new idea that will transform the mobile scene.



The finest seats in the theatre are where you sit.



AC Processor IV, which integrates the most advanced sound quality technologies and an opulent array of functions onto a single chip, represents Clarion's commitment towards soundfield creation and sound quality control. It is the crystallisation of high-level sound quality and acoustic analysis technologies that deliver the best sound possible, whether it's in a large vehicle with lots of passengers, or in a compact driver's seat.

A 3-way Digital Crossover Network to bring out the maximum performance of your speakers for clearer musical reproduction; a 6-channel Independent Time Alignment Control to adjust the time it takes for sound from the speakers to reach each passenger's listening position; an Anti-Distortion Filter to adjust the entire sound range so you can enjoy playback of the original source, and more.

The seat that you sit in now is transformed into a gorgeous, special reserved seat. That's because only Clarion can bring to you the optimum seat for car entertainment.

Connect to the future at will.

Experience all the emotion of the artist's performance, undiluted. It paints a picture not only of the subtle nuances of the instruments, but also the feelings that went into it. Clarion has always pursued true-to-life sound quality that lets you feel the reality.

Digital media is evolving in real-time, minimising size while maximising data storage capacities. We see the appearance of a variety of media that dramatically transform the way you enjoy your music and motoring. In this ever changing world, Clarion's 2006 lineup accommodates diversifying media and formats such as DVD±R/RW and MP3/WMA, and offers improved connectivity with iPod® and other USB devices that use compressed audio. From the latest devices and files, Clarion extracts sound that is infinitely close to the original source.

Our rock solid performance offers playability backed by optimum sound quality and acoustic technologies, to achieve high fidelity sound reproduction from rapidly appearing new media. This is one example of Clarion's relentless challenge as a company that simply will not compromise regarding sound reproduction that is true to the original.

THE WAVE OF A NEW AGE AWAKENS YOUR EMOTION.

The moment you touch it, the future unfolds before your eyes.

The Optimedia display on Clarion's DXZ866MP 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.



Convergence of sophisticated design and usability.

Enjoying your favourite tunes while driving safely... Controlling the sound without even the slightest effect on controlling your car... A new type Smart Control which offers the combination of design and usability is equipped on the DXZ766MP/DXZ866MP/VXZ766 & DXZ466MP. The keys, laid out in an orbiting pattern around the Rotary Volume control, are easily recognisable by touch to support safe driving. The configuration which guides the driver's finger to the target position makes blind-touch operation possible, for a level of intuitive control unheard of until now. What's more, the aesthetically aggressive design of the DB566USB's control knob and the cool blue illumination that highlights the Rotary Volume control, are not only fashionable but also increase visual recognition of each type of function key for smooth and sure operation.

Open new worlds with the Multimedia Station.

With a touch panel that operates in concert with the user's finger, you're just a touch away from a wide world of visual and audio media that lets you enjoy everything from DVD-video, music CD and video CD, to MP3 data stored on CD-R/RW and even iPod® control. What's more, with CeNET connection you can smoothly expand your system to a full-fledged 5.1ch surround or 2-Zone system. Compatibility with a wide variety of media for seamless entertainment in your in-vehicle environment, and Clarion's technology-intensive sound and image quality, as well as precision information processing... The Multimedia Station links all of these factors together, for a system that progresses and grows along with you. That's the Multimedia Station flagship model VRX766VD or MAX667VD from Clarion. New potential, coalesced into a solid design, connects you to a future that's a step ahead.

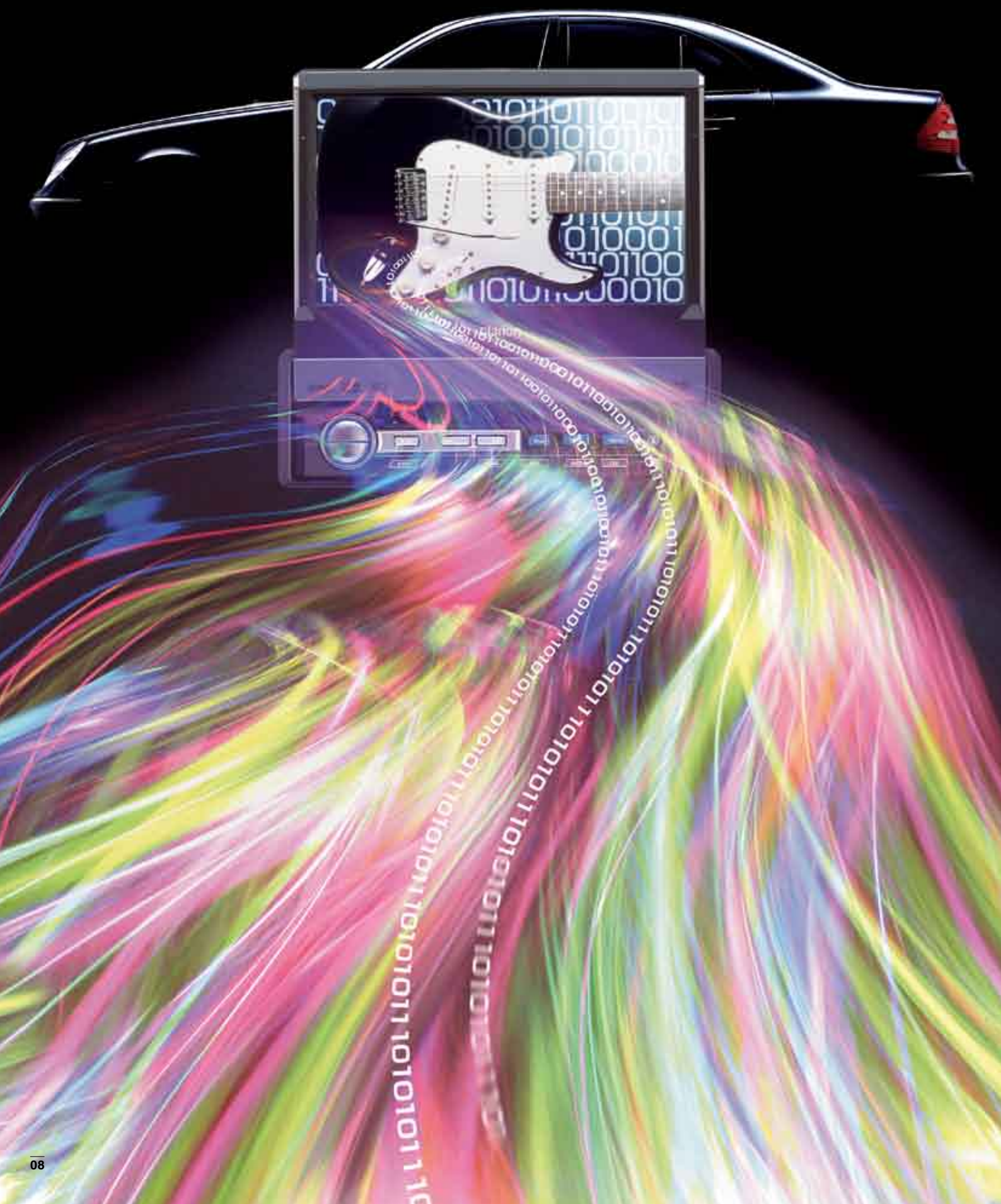


Interaction with an ever-evolving array of digital media.

In addition to audio CD, there's support of CD-R/RW disc media, the most popular compressed audio format MP3, as well as WMA which offers a high compression ratio with less loss of quality. Coinciding with the appearance of new media, Clarion has always deepened the link with those media when releasing new models. While iPod® spearheaded the popularity of portable audio players, Clarion's iPod® control function made it possible to operate iTunes encoded music data as-is, right at the main unit's touch panel. Aside from playback of CD, MP3 and WMA files, DB566USB also offers USB connection so you can hook-up a USB memory or USB player device and enjoy listening to the MP3 or WMA files stored on it. In the ageless form we call "Fine Solid", you'll find the newest connectivity that will revolutionise your car audio lifestyle.



iPod Video Ready



Multimedia

Movies, Music, Information... All at your fingertips

The Multimedia Station type flagship model has now expanded to transform your car into a full-scale entertainment environment. Its wide range of functions includes 5.1-channel surround sound compatibility and 2-Zone system, efficient high-speed operation processing and the capacity for future upgrades that responds to current- and future-oriented driver's needs. This all-in-one model supports a wide range of media, including DVD-video, music and video CDs, MP3 data recorded on CD-R/RW discs and even iPod® control, providing many useful functions within one neat, compact body. Take a closer look at the new 2006 Clarion lineup, you'll see, hear, feel the difference and find the model that perfectly suits your own unique multimedia sense of style.

Striking, vivid image experience that will revolutionise conventional driving

Clarion's high definition overhead monitors reproduce strikingly clear images from condensed image sources such as DVD video, without losing any of the original quality. In addition, the 5.1-channel surround sound system splits and reproduces Dolby Digital, dts and other theatrical sound signals through individual



speakers, creating a powerful and exciting movie theatre style surround sound experience. This combination of dynamic images and realistic crystal clear sound with the simple, smooth usability of highly advanced functions creates an astounding entertainment environment inside the vehicle, which can easily match any home theatre system.

The concept of rear entertainment redefining the next-generation in-car environment

Most people want to add more excitement to long drives with family or friends, instead of feeling like they are just moving from one place to the next. But not all of the passengers want to listen to the same music. However, if each of the passengers could enjoy their favourite contents throughout the trip, the entire driving scene would be much more pleasurable. By separating the interior of the car into the front seat space and back seat space, and by using a 2-Zone system that can



play back separate audio or visual sources independently from each other, it is possible to create an entirely new in-car environment that until now has only been a dream. So while the front seat passengers are listening to their favourite CD or watching a DVD, the back seat passengers can be absorbed in a video game, making it possible to create two completely different audio-visual areas within the same car. Starting with its 2-Zone system that embodies the concept of rear entertainment, Clarion has a lineup of products that respond to the widest variety of user needs, including an overhead monitor perfect for mini-vans, or compact monitor models for the headrests.

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



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.



iPod Video Ready

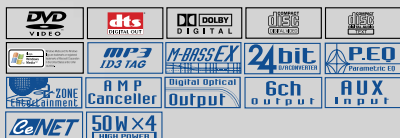
Tremendous future potential hidden within a compact body



The VRX766VD demonstrates the maximum performance available within the limited space inside a vehicle. It delivers powerful images and sounds despite its compact size. And with wide versatility that provides opportunities for future system expansion, such as the ability to upgrade to 5.1-channel surround sound or 2-Zone system technology, the VRX766VD provides an excellent core that supports a wide range of extensibility and future potential. Clarion's flagship model VRX766VD embodies our ideal of an AV Multimedia Station. High-definition, high-luminance wide switch monitor, and a wide range of supported multi-media playback such as DVD-video, Video CD, music CD and MP3 are all neatly fitted into the 1DIN-size body. On top of its high performance, the iPod® control function using the touch panel and adaptability to a variety of systems provide the driver with future potential for expansion with a system configuration that delivers a far wider capacity to embrace the future.

VRX766VD

DVD MULTIMEDIA STATION WITH TOUCH PANEL CONTROL



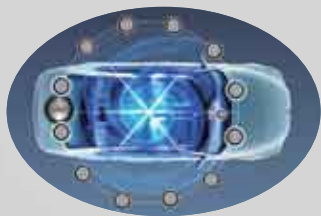
- iPod direct connection and control
- 2-Zone entertainment: front and rear separate source control
- Touch panel control with soil-resistant finishing
- 3-band parametric equaliser
- 24-bit D/A converter
- 18 FM, 6 AM station presets
- DSP tuner with variable bandwidth
- 4-channel x 50 watts
- DVD±R/DVD±RW/CD-R/CD-RW ready
- MP3/WMA compatible with ID3-TAG display
- Fully motorised 7-inch TFT colour LCD monitor
- Adjustable display brightness
- CeNET Control of: DVD changer, 5.1-channel decoder, TV tuner, 6-disc CD changer
- 6-channel RCA output and 2-channel RCA output for 2-Zone
- 1-channel video output for rear entertainment
- 1 AUX AV input (2-channel audio + 1-channel video)
- 1 Optical output



Detachable Control Panel



iPod Video Ready



5.1-channel Dolby Digital/dts surround

First there was home theatre, now there's road theatre. 5.1-channel surround sound is a must for home entertainment today. Now you can enjoy it in your car as well. Dolby Digital and dts provide an incredibly realistic sound environment with three channels of sound in front of you (left, right and centre) together with two more behind you, plus a dedicated low-frequency sub-woofer channel that makes the sound larger than life. It all combines to produce a dynamic cinema-like sound field even within the relatively small space of your vehicle's interior. So turn your next road trip into a road show with Clarion's high-performance cinema sound.
 * DVH940 required.



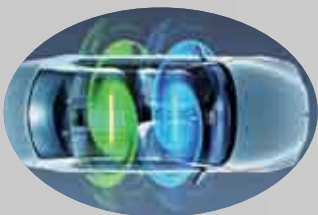
iPod control: answering the call of iPod fans

iPod control comes to Clarion in 2006, as we allow you to "Podify" your in-car experience with a new, easy-to-use interface. Compatible with all third-generation and newer iPods, the interface makes accessing your iTunes collection as easy as fast-forwarding and reverse tracking a CD. This convenient solution also charges your iPod so it's ready to go once it leaves the vehicle. But you have more: not only audio, but also video can be enjoyed. Clarion is proud to be the first manufacturer to provide such video management.
 * Connection cable (sold separately) is required.



Full Touch Panel control

Clarion's in-dash, 7-inch monitor is the source for all media and function information, allowing the user to access a host of features with a simple touch of the on-screen menu. The menu is laid out in an easy-to-understand fashion by displaying all actions related to media sources and functions. Even DVD movie menus can be controlled directly through the touch screen, to enjoy your favourites the way you wish.

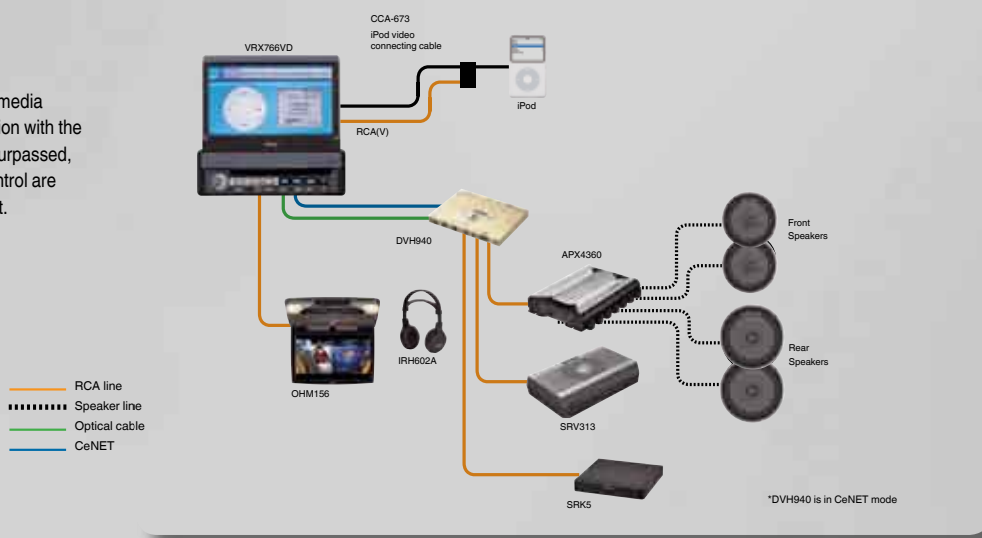


2-Zone entertainment

Clarion's 2-Zone entertainment feature offers more flexibility when it comes to mobile entertainment. Now, owners of Clarion's VRX766VD get more front-seat listening options while rear-seat passengers can watch and listen to a DVD or iPod video program via wireless headphones. Simply plug in an iPod, listen to a CD, or any CeNET-equipped audio source where-ever you're seated in the vehicle. This is versatility where you need it most.

System Example based on VRX766VD

By installing the VRX766VD 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.



- The LCD panel uses the latest high-tech components and boasts an effective pixel rate of 99.99%. However, be aware that 0.01% or less of the pixels may be defective.
- **WARNING:** The driver is prohibited by law from viewing a video signal on any in-dash monitor while the vehicle is in motion.
- There is no guarantee that all units in this catalogue can play CCCD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD±R/RW.
- * 2-Zone function is not available with DVH940.
- * Mixed PLAY LISTS containing music and movie files are not playable.



Outstanding sense of presence and visibility brought together inside the vehicle

MAX667VD

2-DIN DVD MULTIMEDIA STATION WITH TOUCH PANEL CONTROL



- iPod direct connection and control
- 2-Zone entertainment: front and rear separate source control
- Touch panel control with soil-resistant finishing
- 3-band parametric equaliser
- 24-bit D/A converter
- 18 FM, 6 AM station presets
- DSP tuner with variable bandwidth
- 4-channel x 50 watts
- DVD±R/DVD±RW/CD-R/CD-RW ready
- MP3/WMA compatible with ID3-TAG display
- Motorised sloping 7-inch TFT colour LCD monitor
- Adjustable display brightness
- CATS: Theft prevention system
- CeNET Control of: DVD changer, 5.1-channel decoder, TV tuner, 6-disc CD changer
- 6-channel RCA output + 2-channel RCA output for 2-Zone
- 1-channel video output for rear entertainment
- 1 AUX AV input (2-channel audio + 1-channel video)
- CCD camera direct input*
- 1 Optical output

* CAA-188 (sold separately) is required.

The reality only high-definition can provide; the intensity only a big screen monitor can provide. Overwhelming sound and powerful expression of the 5.1-channel surround sound system fully realises the near infinite world of home theatre. Furthermore, the 2-Zone system allows the front seat and back seat spaces to be separated, and for separate audio or visual sources to be played back independently and simultaneously in these zones. Control over this overwhelming performance can be easily mastered using the smart touch operation and highly operable L-shaped button layout. And when it is installed into the console, it blends in with the look of your vehicle so smoothly that you would think it was the 2-DIN main module designed specifically for your car. With the addition of compatibility with new types of media including iPod® control, and with the feeling of fingertip control over all of the functions, you can immediately appreciate the extra touch of elegant status that only the MAX667VD can provide.



iPod Video Ready

* Mixed PLAY LISTS containing music and movie files are not playable.

7-inch wide monitor with touch-panel and smart-touch operation

The menu screen layout has been arranged to achieve beautiful graphics and clear visibility. The 7-inch wide monitor is also equipped with a touch panel for fingertip control of all functions. High-response operation is made possible by precise matching of the touch panel. The touch panel has been treated to prevent soiling so the screen is always clear. Moreover, a smart-touch operation system has been incorporated which enables the management and simple operation of high-performance operations. By operating the easy-to-understand layout and intuitive one touch control, it is possible to manipulate high performance operations with the simplest one-touch controls.



5.1-channel entertainment

When you watch a film or concert on DVD, it seems so lifelike that you can almost feel the heat from a concert hall, or experience the floating sensation or battle scene in the movie. The 5.1-channel surround sound system lets you experience three-dimensional sound, making you feel like you are a part of the movie. The cubic effect created by sound being delivered from the left, right, and rear speakers creates a sense of realism worthy of the name "Car Theatre".

* DVH940 is required for 5.1 capability.



2-Zone entertainment

Clarion's 2-Zone entertainment feature offers more flexibility when it comes to mobile entertainment. Now, owners of Clarion's VRX766VD get more front-seat listening options while rear-seat passengers can watch and listen to a DVD or iPod video program via wireless headphones. Simply plug in an iPod, listen to a CD, or any CeNET-equipped audio source where-ever you're seated in the vehicle. This is versatility where you need it most.



Enjoy Virtually all Digital Media

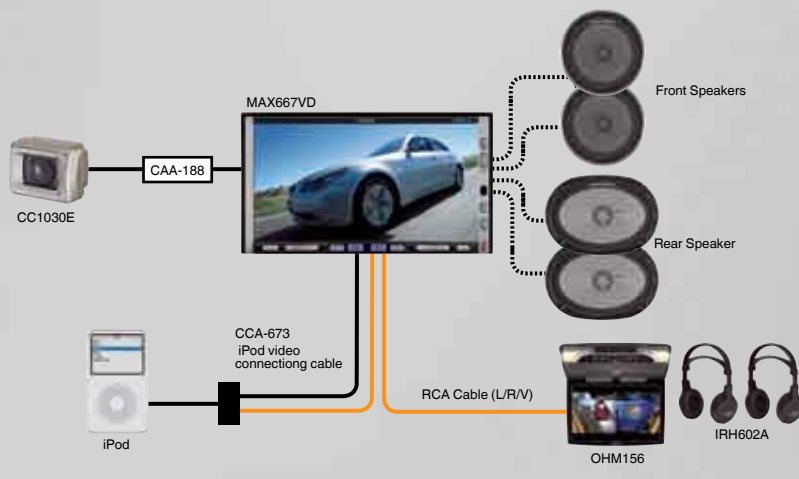
Why bother with multiple source units for each media format when the MAX667VD has all the capabilities you need? It plays conventional CD and DVD-Video discs, most recordable disc media (including MP3 and WMA encoded files), and it has the only true iPod integration that displays the iTunes library. 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.



Motorised Sloping Console

At the touch of a button, the control panel slopes down out of the way in a smooth motorised motion to reveal a DVD/CD loading slot. This design allows more effective usage of the control panel with a larger display and larger knobs for easier operation.

System Example



- The LCD panel uses the latest high-tech components and boasts an effective pixel rate of 99.99%. However, be aware that 0.01% or less of the pixels may be defective.
- **WARNING:** The driver is prohibited by law from viewing a video signal on any in-dash monitor while the vehicle is in motion.
- There is no guarantee that all units in this catalogue can play CCCD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD±R/RW.
- * 2-Zone function is not available with DVH940.

Easily bring DVD into the centre of your car entertainment



A 5.1-channel surround decoder is built-in to produce true-to-life, three-dimensional sound in your car that literally wraps around you. What's more, this unit is also equipped with a 4x52W high-power amplifier using MOS-FET technology known for its superiority as an audio device, as well as a 24-bit D/A converter. This DVD/CD/VCD/MP3/WMA receiver goes beyond the performance you need for high quality enjoyment of images and sound.

VXZ766

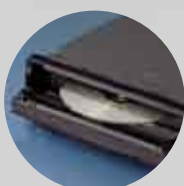
DVD/CD/VCD/MP3/WMA
RECEIVER/CeNET CONTROL



- 2-Zone entertainment: front and rear separate source control
- Built-in 5.1-channel surround system: Dolby Pro Logic / Dolby Digital / dts decoder
- Z-Enhancer Plus sound customisation
- 2-band parametric equaliser
- 24-bit D/A converter
- 18 FM, 6 AM station presets
- 4-channel x 52 watts of MOS-FET amplification
- DVD video and audio CD compatible
- DVD±R/RW ready
- MP3 and WMA compatible with ID3-TAG display
- CD-R/RW ready
- VF display
- Screensaver
- CeNET Control of: TV tuner, 6-disc CD changer
- 2-channel video output
- 6-channel RCA output
- 2-channel AUX input with level control
- CeNET iPod interface compatible



Detachable control panel



Flip-down console



Rotary volume control

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

*There is 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.

Meet the largest in-dash screen in history!

Clarion achieves the world's first wide 8-inch display in an in-dash TV monitor by adopting the Trinity Motion System. It's the sleek in-dash TV monitor that provides unprecedented presence and visibility based on a new way of thinking.



Trinity Motion System

By adopting this drive system, it was possible to achieve a wide 8-inch screen for the first time, surpassing the upper limit of previous in-dash TV monitors. So even in situations where you cannot install a large-screen on-dash monitor unit, or where there is only 1-DIN space available, you can experience superior presence and visibility that this in-dash monitor delivers.



Perfect Partners

The VXZ766 and TB851 are perfect in-dash partners. The combination of a huge 8-inch screen together with 5.1 surround sound delivers a true cinema experience in-car!

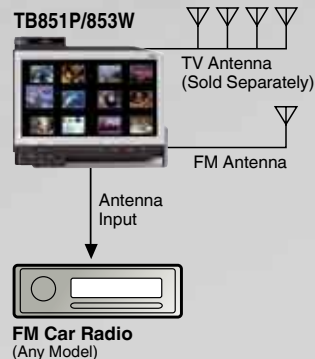
TB851P PAL

8-INCH WIDE COLOUR LCD TV

- Fully motorised 8-inch wide screen colour LCD
- 5 step tilt angle and 3 step back and forth slide adjustment
- Built in FM modulator (0.2 MHz step, 10 points), except TB853W
- Built in TV tuner and 4-way diversity unit
- Audio (L/R) and video output (RCA)
- Screen size select (wide/full wide/cinema/normal)
- RCA AV input (PAL/NTSC compatible, auto)
- 1 rear view camera*2 video input

* CAA188 (Sold Separately) is required. The CCA623 (Sold Separately) is required when using this unit as an audio-visual input terminal. CCA623 / RCA transfer cable for TB851P/TB853W: 1-channel RCA (L/R/V) input, 1-channel RCA video output.

Can connect with any electronically tuned FM car radio !!



Wide 8-inch display

This wide 8-inch display breaks through previous notions of in-dash monitors. Its large image with high resolution and superior visibility offers excellent results for DVD viewing, such as movies and concerts, as well as TV viewing. By connecting the DVD main unit VXZ766 or the VS755 DVD player, an exciting in-car entertainment environment can be easily created.



Tilt & slide mechanism

Equipped with a tilt & slide mechanism that allows the monitor's angle to be adjusted to offer maximum visibility for the driver or passenger. What's more, it also has a function to extend the monitor horizontally for a certain amount of time to allow access to air conditioner controls.

Multi12 or 8 screen channel selection function

Programmes being broadcast can be checked on the multi-screen with its grid of 12 or 8 sub-screens, allowing quick selection of the channel you wish to view. Since you don't need to flip through channels to check what's on, you can enjoy a much more efficient way of TV viewing.

System Example



Innovative Entertainment Solutions



VS755

DVD/CD/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 CENTRE CHANNEL SPEAKER WITH POWER AMPLIFIER

- 1/2 DIN fixed application
- Fits in all DIN and 1/2 DIN apertures
- 50 watts amplifier
- 20 watts RMS
- RCA audio input
- 5 - 3/4-inch full range 4-ohm speakers in a sealed enclosure with 2 - 1-inch rear-mounted midbass reinforcement speakers ported to the front of the enclosure
- Excellent solution for 5.1-channel surround systems



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 Digital Pro Logic II" system
- Integrated Digital Sound Field (DSF) processor
- Front/Centre/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 (5 m) for MAX667VD/ VRX766VD
- Analogue input with adjustable HIGH/MID/LOW
- Dimensions: 230 (W) × 170 (D) × 25 (H) mm



TTX754 PAL

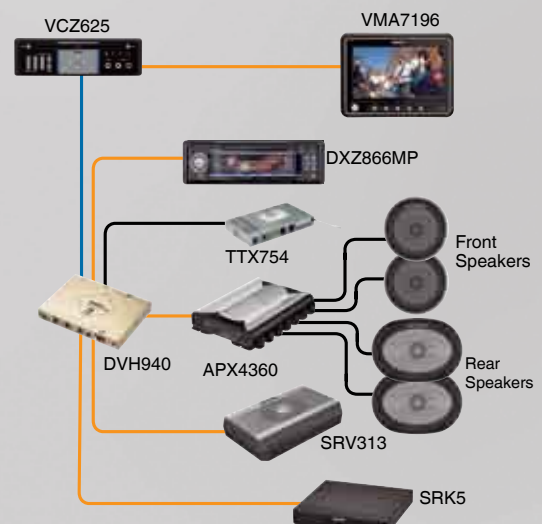
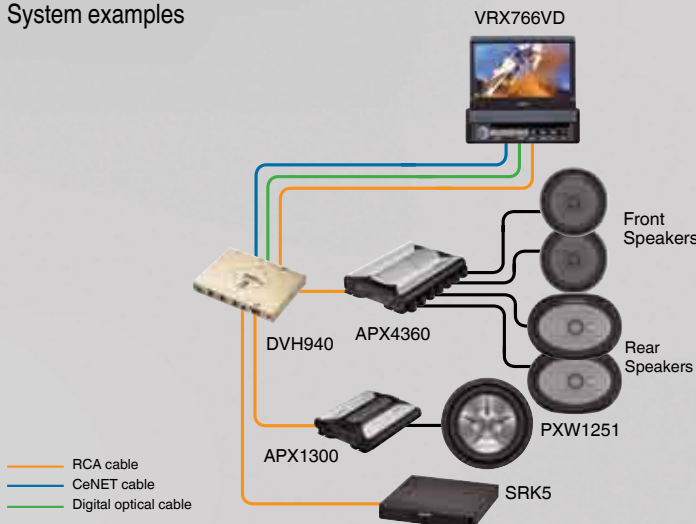
CeNET TV TUNER



- CeNET controlled
- Diversity tuner system
- A/V input with optional CCA389 cable
- 1 camera input*
- 2 video outputs

* CAA188 (Sold Separately) is required. The CCA389 (Sold Separately) is required when using this unit as an audio-visual input terminal.

System examples



Multimedia Features

		VRX766VD	MAX667VD	VXZ766
DVD / CD	DVD video, Video CD, CD audio compatible	●	●	●
	DVD±R, DVD±RW playback	●	●	●
	CD-R, CD-RW playback	●	●	●
	MP3 compatible with ID3-TAG display	●	●	●
	WMA compatible	●	●	●
	CD text	●	●	●
	2-Zone entertainment	●	●	●
TUNER	Station presets	18FM, 6AM	18FM, 6AM	18FM, 6AM
	DSP AM/FM tuner	●	●	
	Variable bandwidth	●	●	
AUDIO	Maximum output power	4 x 50 watts	4 x 50 watts	4 x 52 watts
	Built-in amplifier canceller	●	●	●
	D/A converter	24-bit	24-bit	24-bit
	Parametric equaliser	3-band	3-band	2-band
	Magna Bass EX dynamic bass enhancement	●	●	●
DISPLAY	Fully motorised 7-inch TFT colour LCD monitor	●		–
	Motorised sloping 7-inch TFT colour LCD monitor		●	–
	Touch panel control with soil-resistant finishing	●	●	–
	Excellent off-axis viewing	●		–
	Adjustable display brightness	●	●	–
	Auto dimmer with sensor			–
GENERAL	Flip-down console panel			●
	Detachable control panel	●		●
	iPod direct connection and control	●	●	
	CATS: Theft prevention system with personal code		●	
	Blinking LED for anti-sheft	●		
	CeNET Control of DVD changer	●	●	
	CeNET Control of 5.1-channel decoder	●	●	
	CeNET Control of TV tuner	●	●	●
	CeNET Control of 6-disc CD changer	●	●	●
	CeNET iPod interface compatibility			●
	RCA line level output	6 ch	6 ch	6 ch
	Additional RCA line level output for 2-Zone control	2 ch	2 ch	
	Video output	1 ch	1 ch	2 ch
	Optical output	1	1	
	AUX input with level control	2 ch	2 ch	
	CCD camera direct input		●	
	Infrared remote control	RCB-177	RCB-177	RCB-177

Rearview Camera System For Safer Driving

Clarion makes your drive more enjoyable, and safer. Take the guesswork out of reversing, and drive with confidence. Simply shifting into reverse automatically starts the image display. By adopting the reverse gear system, the amount of driver operation needed to use this system is minimal.

REARVIEW CAR KIT

COLOUR CAMERA KIT FOR VRX766VD / MAX667VD

- 250,000 pixel colour image
- Wide angle lens
- Weather resistant aluminium case
- 1/4" CCD Imager
- Compact design
- Shock resistant
- Mirror image display

Kit includes

- 1 x CC1030E Colour camera
- 1 x CAA188 Camera power supply
- 1 x CCA533100



- * Suits most Clarion A/V multimedia units.
- * VRX766VD requires TV tuner module to trigger reverse feature.
- * Screen product sold separately

Give your rear-seat passengers first-class entertainment

A rear-seat entertainment system is the perfect remedy for those long road trips. Offering the latest LCD technology, Clarion's rear-seat video line offers several key features, including built-in DVD players, external Game Ports, widescreen viewing, and more. So take the show on the road with Clarion's rear-seat entertainment line.



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 LCD colour monitor • 16:9/4:3 adjustable screen format • On-screen display • 1 AV inputs • 1 AV output • Built-in IR transmitter • FM modulator control cable (for optional FM200)
- Infrared remote control • Easy-fit universal metal mounting bracket included • Built-in dome lights • Supports NTSC and PAL • Dimensions: 270(W) x 59(H) x 287(D) mm

OHM156

15.4" OVERHEAD FLIP-DOWN LCD WIDE MONITOR

- 15.4" WXGA colour 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: 384(W) x 44 (H) x 337 (D) mm



OHM106

10.2" OVERHEAD FLIP-DOWN LCD WIDE MONITOR

- 10.2" WXGA colour 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: 273(W) x 44(H) x 235(D) mm

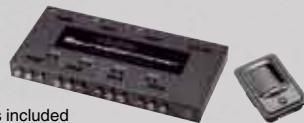
2-Zone and Split Screen entertainment

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.



ACCESSORIES

MSS430 MULTI-ZONE AUDIO/VIDEO SWITCHER



- 3 control stations and mounting bezels included
- Audio level gain control • Multi-source switching of 4 A/V sources with up to 3 different zones (monitors) • 4 RCA A/V inputs • 3 RCA A/V outputs • Rear view camera reverse trigger input

VA700 VIDEO DISTRIBUTION AMPLIFIER



- 1 gain control • 1 RCA video input
- 7 buffered 75 ohm RCA video outputs
- Stable video signal for up to 7 LCD monitors

FM200 FM MODULATOR



- 2 ch RCA audio input • On/Off switch
- Volume level control • FM reception frequency: 88.7MHz/89.1MHz

IRH60A/IRH602A WIRELESS HEADPHONE SYSTEMS



- IRH60A : IR wireless single headphones
- IRH602A : Dual channel IR wireless single headphones

CC1030E COMPACT COLOUR CCD CAMERA (MIRROR IMAGE)



CAA188 REAR VISION CAMERA POWER SUPPLY FOR CC1030E

CCA389 8P DIN RCA A/V ADAPTER FOR TTX754



High-luminosity LCD monitors for an extremely realistic display of all visual sources



VMA7169

7" WIDE-SCREEN HEADREST LCD MONITOR

- Slim, easy-fit universal mounting bracket (included) • TFT active matrix display with 16:9/4:3 format • On-screen display (OSD) • 2 A/V inputs • Convenient external A/V game port (included) • Dual IR output for headphones (optional WH253H) • Built-in IR receiver • Front-panel controls for power, source and picture • Dimensions: 183(W) x 128 (H) x 29 (D) mm

VMA5096

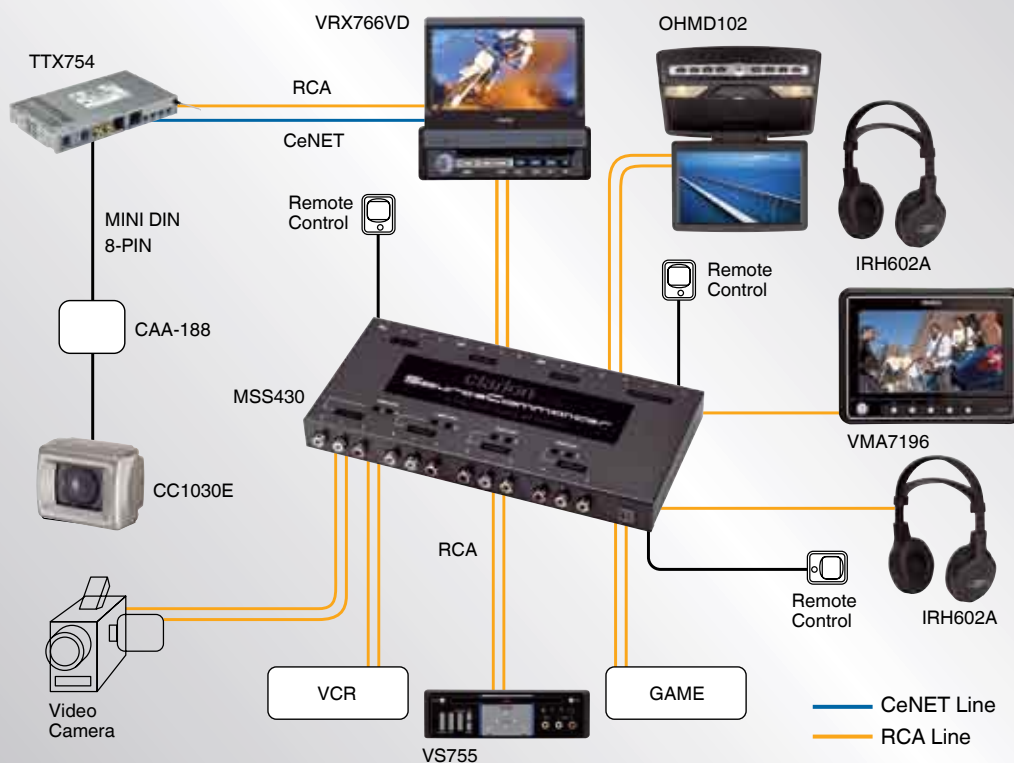
5.8" WIDE-SCREEN HEADREST LCD MONITOR

- Slim, easy-fit universal mounting bracket (included) • TFT active matrix display with 16:9/4:3 format • On-screen display (OSD) • 2 A/V inputs • Convenient external A/V game port (included) • Dual IR output for headphones (optional WH253H) • Built-in IR receiver • Front-panel controls for power, source and picture • Dimensions: 161(W) x 115 (H) x 29 (D) mm

Multi-Zone System

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 high-end executive vehicles. Clarion has all the necessary support items like Infrared wireless headphones, several LCD monitor choices and even FM modulators. Clarion multimedia is the future.





Clarion

DXZ866MP

01
TRACK

▶ 01:18

TOP

Optimedia Dis
Clarion

DISP

DISP

A

MP3/CD/MP3
Laser Disc/MP3/MP3
SRC



Main Units

Experience this sound, witness the future.

The latest in audio technology, together with our commitment to usability and safety, are condensed into mere 1-DIN dimensions. Clarion units are the ultimate, offering everything wanted in a next-generation main unit; from the unwavering commitment to high fidelity sound, as well as compatibility with new media and mobile tools. Optimedia Display defines conventional wisdom. Clarion's 2006 main unit lineup will appeal to the driver's sense of superiority, offering next-generation functions and performance to reshape the in-car musical experience of a new generation of users.

Leading-edge intelligent functions transform the car into the ultimate acoustic space.

Optimedia Display is a new style of GUI (graphical user interface) offering vastly improved usability and safety. Keeping the number of buttons and knobs at a bare minimum, control is gained via the display panel. The panel responds



immediately and accurately to your commands – you just touch or slide your finger across the panel – for intuitive control of various modes and functions. High-end main units feature a black faceplate that adds a cool look to the touch-activated intelligent functions.

Compatibility with a wide range of media & devices extends the possibilities of future car audio

It goes without saying that disc media such as audio CD and CD-R/RW are supported, but smart collaboration with a wide range of compressed audio media such as MP3/WMA, as well as compatibility with the portable audio standard-setter iPod® opens up whole new possibilities for driving enjoyment. Furthermore, the



2006 lineup can connect to SD cards or USB devices, and supports playback of MP3/WMA files directly from USB memory or USB players as well as standard MP3/WMA playback. You can now enjoy the flexibility and wide ranging possibilities that the latest music devices and media 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 HXD2 carries on the tradition of the DRX9255; it is equally capable of faithfully reproducing the original digital sound. The foundation of the HXD2'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 HXD2 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 HXD2 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.

Redefining the term digitally remastered: Optimedia display



Offering a 24-bit D/A converter, a high-power MOS-FET amplifier, Clarion's Optimedia display technology, a 4.2-inch Multicolour TFT display, and an attractive metal tone faceplate, the DXZ866MP really does look as good as it sounds. Loaded with sound-enhancement features, such as Clarion's Anti Distortion Filter and 2-band parametric EQ, the DXZ866MP puts you in control of your sound. This is a main unit that truly does it all.

DXZ866MP

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



- Optimedia display: 4.2-inch 256-colour full dot TFT LCD
- ADF (Anti Distortion Filter)
- Touch panel control
- 2-band parametric equaliser
- Low-pass filter
- 24-bit D/A converter
- 18 FM, 6 AM station presets
- DSP tuner with variable bandwidth
- 4-channel x 53 watts of MOS-FET amplification
- MP3 and WMA compatible with ID3-TAG display
- CD-R/RW ready
- Auto dimmer with sensor
- Adjustable display contrast
- Wallpaper and screensaver
- Spectrum analyser
- CeNET Control of: DVD changer (easy), TV tuner, 6-disc CD changer
- 4-volt/6-channel RCA output
- 2-channel AUX input with level control
- CeNET iPod interface compatible




Detachable control panel



Motorised sloping console



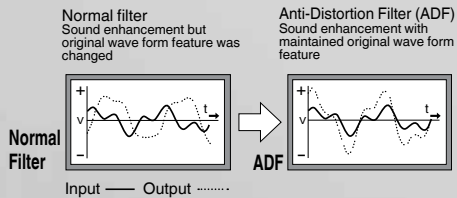
Rotary volume control

 CEA 2006 Power Ratings
22W x 4RMS (4.0 @ 14.4V s1% THD+N)
S/N 88dB (Ref: 1W into 4Ω)



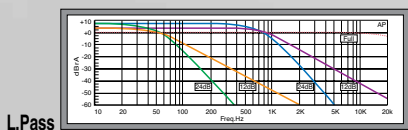
Optimedia display

The DXZ866MP offers Clarion's next-generation Optimedia display technology — a feature that blends impeccable graphics with touch-screen control. Remastered, Optimedia display has evolved from its first-generation monochrome look to full colour in 2006. We didn't stop there, however. The motion graphics this technology offers are vastly improved, and the revamped onscreen layouts make navigating through the unit's menu screens easy. For unparalleled looks and control Optimedia display.



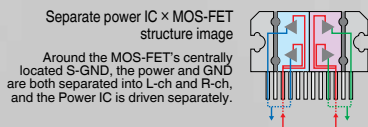
ADF (Anti Distortion Filter)

Don't let sound-hindering factors such as road noise and rushing wind get in the way of great sound. Because the vehicle tends to make it difficult to hear high and low frequencies, Clarion outfits its high-end main units with an Anti Distortion Filter. This filter eliminates mutual phase distortion that can occur, and emphasises the natural frequency characteristics of the sound. The result is crystal clear, high-quality sound reproduction.



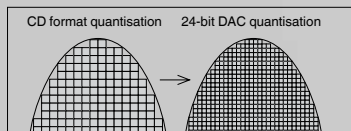
LPF (Low-Pass Filter)

For optimal subwoofer performance, Clarion equips its DXZ866MP with a built-in Low-Pass Filter. Offering users selectable frequencies at 50 Hz, 80 Hz, and 120 Hz, Clarion's Low-Pass Filter stops mid- and high-range frequencies from entering the subwoofer output. This allows users to really dial in the bass so it hits harder, tighter and cleaner.



MOS-FET power amplifier

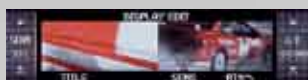
There's only one way for Clarion's DXZ866MP to deliver 4 x 53 W of unyielding power output and superior linearity: MOS-FET amplification, also known as Metal Oxide Semiconductor Field Effect Transistor amplification. Smaller and more efficient than conventional power supplies, this MOS-FET amplification circuit delivers power with less distortion and zero On/Off switching noise. So crank it up, or turn it down for easy listening. Either way, with MOS-FET amplification, your music has never sounded quite like this.



24-bit D/A converter

A key component in the transfer of digital data from a CD into analogue sound is Clarion's 24-bit D/A converter. Because the digital realm is made up of unnaturally square sound waves, as opposed to the smoothly undulating sound waves characteristic of the real-world environment, Clarion's embedded 24-bit D/A converter recreates the natural nuances and expressions lost during the sound reproduction process.

Screensaver



LPF



P.EQ



Spectrum analyser



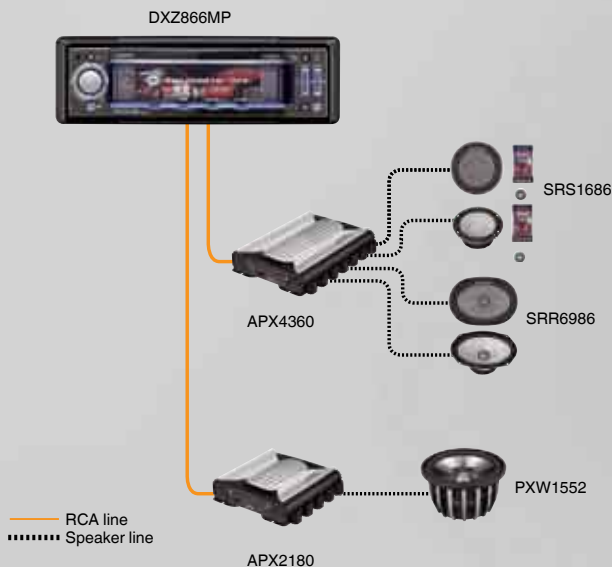
Day & Night



Wallpaper



DXZ866MP System Plan



Overwhelming power of expression set free by the super-high definition display



Equipped with the industry's first fully Integrated full-dot high-definition 16-grade greyscale VFD, the DXZ766MP expresses both text and moving pictures in super-high definition. The fashionable radiance of the unit combined with high-definition sound creates a sophisticated car audio-visual space. The unit is fully equipped with a 24-bit D/A converter, which faithfully expresses every nuance of the digital source sounds on recorded CD's, Z-Enhancer, which you can use to alter the sounds to suit your favourite taste in music, and 4V 6-channel output terminals, which extend the realms of in-car entertainment excellence.

DXZ766MP

CD/MP3/WMA RECEIVER/CeNET CONTROL



- Z-Enhancer sound customisation
- Low-pass filter
- 18 FM/6 AM station presets
- 4-channel x 53 watts of MOS-FET amplification
- MP3 and WMA compatible with ID3-TAG display
- CD-R/RW ready
- FI VFD (Fully Integrated 16-gradation full dot VF display) (256 x 64 dot)
- 728-variable colour illuminated keys
- Screensaver
- CeNET control of: DVD changer (easy), TV tuner, 6-disc CD changer
- 4-volt/6-channel RCA output
- 2-channel AUX input with level control
- CeNET iPod interface compatible



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

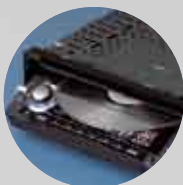


Detachable control panel

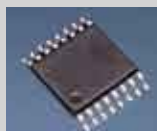


FI VFD (Fully Integrated full dot vacuum fluorescent display)

Equipped with a high-definition full-dot display that clearly and distinctly displays letters, numbers and graphics. Text display and advanced motion picture displays are speedily and beautifully projected thanks to the easy-to-see 16-grade greyscale and warm graphic expression.



Motorised sloping console



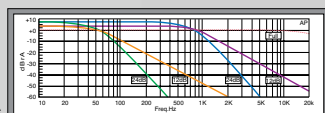
24-bit D/A converter

A key component in the transfer of digital data from a CD into analogue sound is Clarion's 24-bit D/A converter. Because the digital realm is made up of unnaturally square sound waves, as opposed to the smoothly undulating sound waves characteristic of the real-world environment, Clarion's embedded 24-bit D/A converter recreates the natural nuances and expressions lost during the sound reproduction process.



Smart control & retractable rotary volume control

Much more ergonomic and intuitive than buttons, this control lets you adjust the volume with analogue type flexibility. It's just another way Clarion helps you keep your eyes on the road while keeping your ears entertained.



L.Pass

LPF (Low-Pass Filter)

For optimal subwoofer performance, Clarion equips its DXZ766MP with a built-in Low-Pass Filter. Offering users selectable frequencies at 50 Hz, 80 Hz, and 120 Hz, Clarion's Low-Pass Filter stops mid- and high-range frequencies from entering the subwoofer output. This allows users to really dial in the bass so it hits harder, tighter and cleaner.

Stylish collaboration of sound and light



Thanks to the high-definition 16-tone scale full-dot VFD and 728-variable colour brilliant key illumination, text and graphics are vividly projected onto the DXZ666MP. The motorised sloping console is designed in consideration of space-saving and overall car interior design. Along with the smart control, which allows volume control or track changing, the DXZ666MP features added fashion and operability and crystal clear high-definition sounds.

DXZ666MP

CD/MP3/WMA RECEIVER/CeNET CONTROL



- Z-Enhancer sound customisation
- 18 FM/6 AM station presets
- 4-channel x 53 watts of MOS-FET amplification
- MP3 and WMA compatible with ID3-TAG display
- CD-R/RW ready
- 16-gradation Full dot VF display (114 x 32 dot + 88 icon)
- 728-variable colour illuminated keys
- Spectrum analyser
- Screensaver
- CeNET control of: DVD changer (easy), TV tuner, 6-disc CD changer
- 4-channel RCA output
- 2-channel AUX input with level control
- CeNET iPod interface compatible

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



Detachable control panel

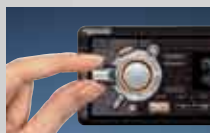


Multicolour buttons

The 2006 Clarion range offers three main units with which you can adjust the RGB levels to cosmetically harmonise the colour design of keys with your car's dashboard illumination. You can choose between 728 different colour possibilities to perfectly match your preferences.

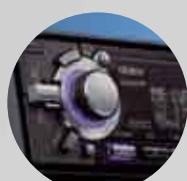


Motorised sloping console



Smart control key

Whether it's a regular CD or a hefty collection of MP3/WMA songs, this function lets you quickly and easily access the exact song you want to hear regardless of the recorded media.



Rotary volume control



212 watts MOS-FET power amplifier

There's only one way for Clarion's DXZ666MP to deliver 4-channel x 53 watts of unyielding power output and superior linearity: MOS-FET amplification, or, otherwise known as Metal Oxide Semiconductor Field Effect Transmitter amplification. Smaller and more efficient than conventional power supplies, this MOS-FET amplification circuit delivers power with less distortion and zero On/Off switching noise. So crank it up, or turn it down for easy listening. Either way, with MOS-FET amplification, your music has never sounded quite like this.

Equipped with a USB port for extended musical style and expression

The DB566USB features intrepid design and sharp impression wrapped up in a single main unit. You can now enjoy your favourite MP3/WMA format music files played directly from USB memory players thanks to the incorporation of a USB port. Compatibility with a wide range of media seamlessly extends your enjoyment of music. Furthermore, the employment of amazing audio technology such as the Z-Enhancer, which allows you to choose your favourite type of sounds to suit your musical tastes, and Magna Bass EX, which delivers profound, clear bass, helps the DB566USB to achieve a truly impressive quality of sound.

DB566USB

CD/USB/MP3/WMA RECEIVER



- USB slot on front escutcheon • Z-Enhancer sound customisation • 18 FM, 6 AM station presets • 4-channel x 50 watts of MOS-FET amplification • MP3 and WMA compatible with ID3-TAG display • CD-R/RW ready • High contrast white negative display (13 x 8 digits) with screensaver • 4-channel RCA output • 2-channel AUX input • Detachable control panel

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



Rotary volume control

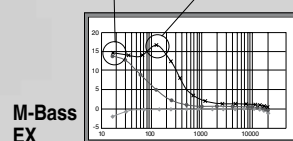
USB interface

You can now connect all kinds of peripheral equipment using the common USB (Universal Serial Bus) standard interface. By connecting a mobile audio player directly to the USB connector, you can enjoy all of your MP3/WMA format music files through the car audio system. The system supports a maximum of 255 files, 255 folders, 28 character file names and 16-character folder names.



USB slot

Magna Bass's centre Frequency is 60 Hz 100 Hz - 200 Hz

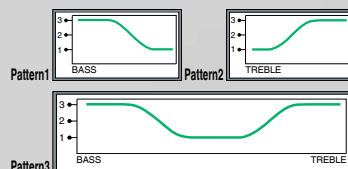


M-Bass EX

✕ Bass boost/M-Bass On
→ M-Bass On ← Normal

Magna Bass EX

Compared to conventional loudness features, which boost the low frequency range of 100 Hz, Magna Bass boosts the ultra-low frequency range with a centre frequency of around 60 Hz. For additional bass response, Clarion has added Magna Bass EX, which goes beyond Magna Bass by boosting the ultra-low frequency range centered around 60 Hz. This feature also reduces noise thanks to its automatic compensation function, which produces well-balanced, dynamic bass sound no matter how loud you play the music.



Z-Enhancer

Three types of sound quality patterns are pre-set for easy selection. Boost the bass only, the treble only, or both, with the level of boost adjustable by the user.

Bold black face equipped with a high-detail full dot LCD



The flip-down panel on the DXZ466MP features a sophisticated black face design. It has an exceptionally bright, high-definition full-dot LCD to enable reading in any situation. It displays valuable information, such as playback status, artist name and various other information. Moreover, the unit offers outstanding sound quality thanks to features such as the Z-Enhancer, which is used to adjust the sound to suit your own personal taste, Magna Bass EX, which powerfully and faithfully reproduces clear bass, and an internal high-power MOS-FET amplifier with an output of 4 x 52 watts. What's more, it has 4-channel RCA (2 front channels + 2 rear channels) output, making it a truly versatile main unit with lots of possibilities for system expansion.

DXZ466MP

CD/MP3/WMA RECEIVER/CeNET CONTROL



- Z-Enhancer sound customisation
- 18 FM, 6 AM station presets
- 4-channel x 52 watts of MOS-FET amplification
- MP3 and WMA compatible with ID3-TAG display
- CD-R/RW ready
- Full dot LCD (160 x 48 dot)
- Adjustable display contrast
- Screensaver
- CeNET Control of: TV tuner, 6-disc CD changer
- 4-channel RCA output
- 2-channel AUX input with level control
- CeNET iPod interface compatible

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



Flip down console



208W MOS-FET power amplifier

There's only one way for Clarion's DXZ466MP to deliver 4-channel x 52 watts of unyielding power output and superior linearity: MOS-FET amplification, or, otherwise known as Metal Oxide Semiconductor Field Effect Transmitter amplification. Smaller and more efficient than conventional power supplies, this MOS-FET amplification circuit delivers power with less distortion and zero On/Off switching noise. So crank it up, or turn it down for easy listening. Either way, with MOS-FET amplification, your music has never sounded quite like this.

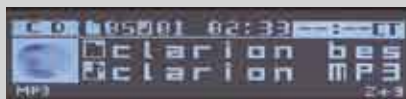


Detachable control panel



Retractable rotary volume and smart control

Much more ergonomic and intuitive than buttons, this control lets you adjust the volume with analogue type flexibility. It's just another way Clarion helps you keep your eyes on the road while keeping your ears entertained.



Negative 2-line LCD 2-line-display supports MP3 and WMA audio formats

A stylish, easy-to-view 2-line LC display with a blue background and source icons placed on the left side provides the ultimate, easy-to-use and easy-to-read experience. Furthermore, support for MP3 and WMA audio formats enables you to store and listen to more than 100 tunes on a single CD-R/RW disc, thus making long drives enjoyable and comfortable.

Message Information

Personalize your main unit's display screen by adding your own text message. For added effect, this feature also allows your message to scroll across the screen. Use this feature as a bulletin board for your vehicle, or utilize it as a memo pad.

Intense black form that sets the energy of the original sound free

The DB266MP, and DB166 main units give you the feeling of a solid, intense black form presence in the cockpit that is combined with high performance. Both models are equipped with the Z-Enhancer, which allows you to set 3 equalizing patterns that emphasize the full range of bass and treble tones while still maintaining a good balance of sound. The units also incorporate Magna Bass EX, which compensates for high volume by applying a weaker boost and low volume by applying a stronger boost, delivering dynamic bass to your favourite music. Clarion has accumulated unique technology that is able to break through the barriers that the in-car environment presents to produce the finest high-quality sound.



DB266MP

CD/MP3 RECEIVER

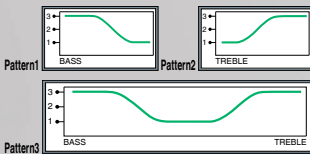


- Z-Enhancer sound customisation
- 18 FM, 6 AM station presets
- 4-channel x 45 watts amplification
- MP3 compatible with ID3-TAG display
- CD-R/RW ready
- High contrast blue negative display (13 x 8 digits) with Screensaver
- 2-channel RCA output



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.



Z-Enhancer

Z-Enhancer acts as a super loudness compensation EQ, providing users with three selectable listening patterns. The first adds more bass, the second adds more treble, and third does both.

CEA 2006 Power Ratings
19W x 4RMS (4Ω @ 14.4V ≤ 1% THD+N)
S/N 80dB (Ref: 1W into 4Ω)



Rotary Volume Control



Detachable Control Panel



DB166

CD RECEIVER



- Z-Enhancer sound customisation
- 18 FM, 6 AM station presets
- 4-channel x 45 watts amplification
- CD-R/RW ready
- High contrast blue negative display (13 x 8 digits) with Screensaver
- 2-channel RCA output



Rotary Volume Control



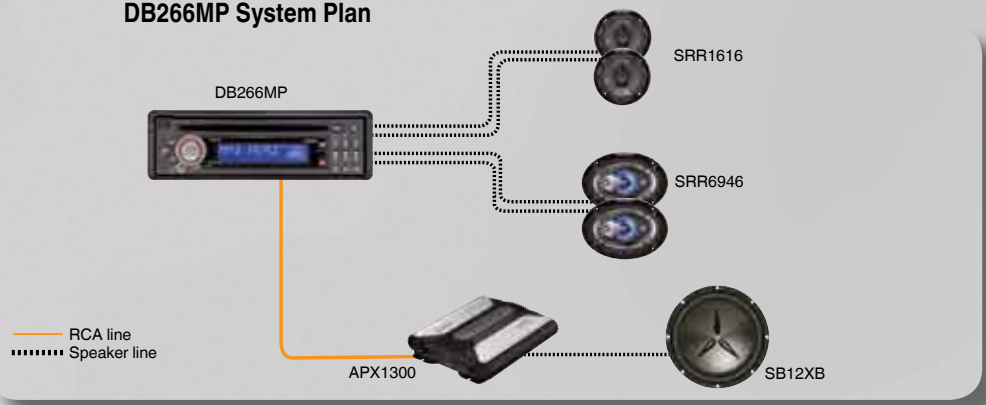
Detachable Control Panel

CEA 2006 Power Ratings
19W x 4RMS (4Ω @ 14.4V ≤ 1% THD+N)
S/N 80dB (Ref: 1W into 4Ω)

System example based on DB266MP or DB166

This simple audio system delivers plenty of "bang for buck". Phaze One speakers deliver full-range audio to your vehicles interior, while the combined power of the APX1300 & SB series woofer produce clean, punchy bass.

DB266MP System Plan





The essence of audio is alive in its design

With brushed metal finish, the boldly noticeable faceplate is divided into five sections, with control knobs that offer superior usability laid out on its surface. Clarion's WXZ466MP offers unprecedented presence as a high quality audio component. The graphical image offered by the 23-band spectrum analyser puts a finishing touch on this powerful 6 CD unit. Design is made to satisfy sense expectation. Enjoy double sized design with this original product. More and more cars offer large installation space in their dashboard.

WXZ466MP

2-DIN 6-DISC CD/MP3/WMA RECEIVER / CeNET CONTROL

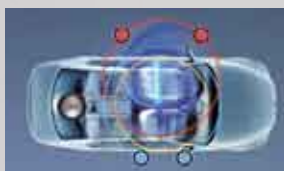


- 18FM, 6AM station presets • 4-channel x 50 watts of MOS-FET amplification • MP3 and WMA compatible with ID3-TAG display
- CD-R/RW ready • VF display with Spectrum analyser and Screen-saver • CATS: Theft prevention system with personal code • CeNET Control of: DVD changer (easy), TV tuner, 6-disc CD changer • 4-channel RCA output • 2-channel AUX input with level control • CeNET iPod interface compatible

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

Built-in 6-disc CD changer & MP3/WMA file playback

You can load up to 6 discs in the unit's internal CD changer so you'll probably never run out of music on your drives. In addition to music CDs and MP3 files, the changer also supports WMA files which offer superior compression while maintaining high quality, making it possible to fit the equivalent of full CD library on a single CD-R at comparable quality. ID3/WMA tags are supported to display a wide range of information on the tunes being played.



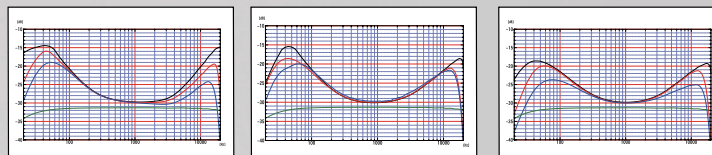
Listening Position Optimiser (LPO)

The WXZ466MP's Listening Position Optimiser uses digital processing to virtually adjust the speaker distance, enabling sound stage settings to accommodate a wide variety of different types of vehicles. So no matter what type of car you drive, you can count on Clarion to drive your sound with high precision and realistic presence.

setting		Right		Left		
		Distance	Sample	Distance	Sample	
seat position	LPO 1 for compact car	R	10cm	13	40cm	52
		L	40cm	52	10cm	13
	LPO 2 for sedan	R	10cm	13	80cm	104
		L	80cm	104	10cm	13
	LPO 3 for 1box car	R	10cm	13	160cm	208
		L	160cm	208	10cm	13

Digital Z-Enhancer

Clarion's Digital-Z Enhancer controls P-EQ, HPF, and LPF through the DSP, allowing you to select from three equalising patterns that emphasise the range of tones in the upper/base regions respectively while maintaining perfect acoustic balance. Furthermore, by adding gain adjustment (HI, MID, LOW) to the 3 equalising patterns, it is now possible to choose from 9 different equalising patterns to customise the sound quality pattern so that it matches your speaker system or music source perfectly.



- DZE1 - High
- DZE1 - Mid
- DZE1 - Low
- DZE - Off
- DZE2 - High
- DZE2 - Mid
- DZE2 - Low
- DZE - Off
- DZE3 - High
- DZE3 - Mid
- DZE3 - Low
- DZE - Off

An image of urban nights through the refinement of light and form

Furnished with a sharp, strikingly designed front panel. Vivid brightness and lustre created by the 728 variable colour LED creates an image of city illuminations at night. Moreover, as the DFZ667MC is equipped with an SD card slot enabling smooth compatibility with mobile music players, it is fully capable of seamlessly supporting your musical life in the digital age. And with the inclusion of the highly anticipated "Music Catcher II", which gives you 4X high speed recording and the ability to select from four different tone quality presets, you can enjoy all the benefits of a CD changer long play function at your fingertips without having to carry around a clumsy CD storage case.



- 728-variable colour
- Screen saver
- Music Catcher II CD recorder and SD slot
- Digital Z-Enhancer
- Magna Bass EX dynamic bass enhancement
- 18FM/6AM presets
- 4-channel x 50 watts of MOS-FET amplification
- MP3 and WMA compatible with ID3-TAG display
- CD-R/RW ready
- CeNET Control of: DVD changer (easy), TV tuner, 6-disc CD changer
- 4-channel RCA output
- Front-panel auxiliary input
- Rotary volume control
- iPod ready via EA1276B (sold separately)



Front-panel auxiliary input



DFZ667MC

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



Digital Z-Enhancer

Clarion's Digital Z-Enhancer controls P-EQ, and through the DSP, allowing you to select from three equalizing patterns that emphasize the range of tones in the upper/bass regions respectively while maintaining perfect acoustic balance. Furthermore, by adding gain adjustment (HI, MID, LOW) to the 3 equalizing patterns, it is now possible to choose from 9 different equalizing patterns to customize the sound quality pattern so that it matches your speaker system or music source perfectly.

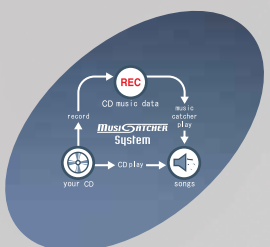
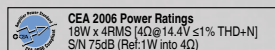
Compatibility with a wide range of media

DFZ667MC can connect to SD cards devices, and supports playback of MP3/WMA files directly from memory or players as well as standard MP3/WMA playback. You can now enjoy the flexibility and wide ranging possibilities that the latest music devices and media formats can provide both inside and outside your car.

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 favourite 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



CD & cassette model equipped with EQ and speaker patterns for the mainstream listener



ADB341MP

2-DIN CD/MP3/
CASSETTE RECEIVER

- 18 FM, 6 AM station presets
- 4-channel x 50 watts amplification
- 3-band graphic equaliser
- MP3 compatible with ID3-TAG display
- CD-R/RW ready
- Full logic tape transport
- Auto programme control (APC)
- Spectrum analyser
- Screensaver
- 2-channel RCA output
- 2-channel AUX input



CD loading slot



Flip down control panel



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

Graphic Equalizer Pattern



Spectrum Analyzer Pattern



AX330

CASSETTE RECEIVER/
C-BUS CONTROL

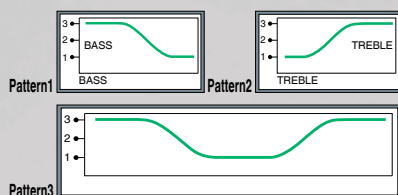


- C-BUS 6-CD changer control
- Z-Enhancer
- Auto reverse
- 4-channel x 40 watts amplification
- 20FM, 5AM station presets
- Green Illumination
- Rotary volume control

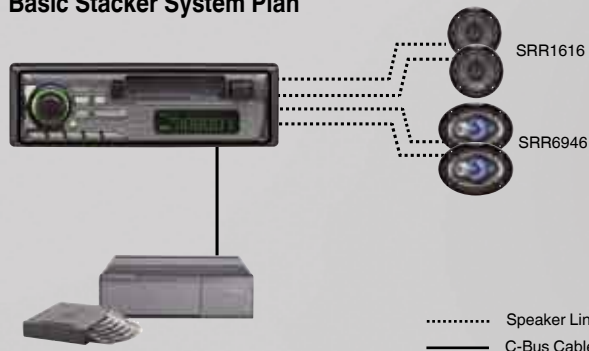


Z-Enhancer

Three types of sound quality patterns are pre-set for easy selection. Boost the bass only, the treble only, or both, with the level of boost adjustable by the user.



Basic Stacker System Plan



..... Speaker Line
—— C-Bus Cable



Clarion's HXD2 Source Unit Takes You Into The Recording Studio.

High-definition sound fills the driver with a sense of superiority. There is a true feeling of joy and emotion when you are face to face with music. In the pursuit of sound that is infinitely near to the original sound and generously supplied with cutting-edge technology, the creation of the HX series has brought Clarion's exceptional sound to a new high peak. The ultimate sound field and space are produced from Clarion's cutting-edge technology oriented circuitry, along with individually selected parts and raw materials, all united perfectly with the amplifiers and speakers. For drivers who demand the "real thing", Clarion offers the ultimate sound with these high-performance features and components.



From the pursuit of faithful sound source playback to the body layout, the series flagship model HX-D2 is packed with all of the functions one could possibly want from a modern main unit. The 96 kHz Sampling D/A converter draws out the delicate nuances and reverberations from the sound, while the 5 Band Parametric EQ creates the sound balance that perfectly matches your tastes. Additionally, the Glass Epoxy 4-Layer Circuit Board and external power supply unit DC/DC converter provide stable circuit operation and high-quality sound. Clarion offers sound that reaches the next level to discerning car audio fans who appreciate the subtle differences in sound, and that are searching for the ultimate in car sound quality.

HX-D2

CD RECEIVER/CeNET CONTROL



- Dual 24-bit / 96kHz sampling digital to analogue burr-brown converters and DSP
- Built-in 4-way crossovers
- 5-band parametric equaliser
- Digital time alignment for each line level output
- 8-channel/4-volt gold plate oxygen-free RCA output
- 0.5dB-step electronic volume adjustment circuit
- Copper plated chassis
- External DC/DC converter
- CeNET control of: 6-disc CD changer, and TV tuner
- 2 x 2-channel AUX inputs
- Zinc die-cast faceplate
- Fiber optic input/output
- Vacuum fluorescent display
- 18FM, 6AM station presets
- CeNET iPod interface compatible

96kHz Sampling D/A Converter

Conventional CD players could only reproduce up to around 20kHz.

Sampling takes place to convert digital signals to analogue. In this process, digitised sound with a frequency range of up to about half the sampling frequency is reproduced. For example, in the case of CDs which are sampled at a frequency of 44.1kHz, playback is possible for up to half that, or 22.05 kHz. Sampling is set at 44.1kHz to achieve reproduction of highs in the neighborhood of 20kHz.

Harmonic elements included in high range add richness and depth to sound.

The format specifications for CD deemed the high frequency elements above 20kHz as inaudible by the human ear, and thus they were not recorded. And even if such high frequencies were reproduced during playback, they would be detected as noise elements and removed by a digital filter. Not only that, but phase distortion was introduced as a result of noise cut-off by the filter, thereby inhibiting the accurate reproduction of high frequency sounds. Ironically, it is the harmonic elements contained in this high frequency range that affects the depth and nuance of sound.

96kHz sampling enables reproduction of sounds faithful to the original source.

The 96kHz Sampling D/A converter samples at a much higher rate than the usual 44.1kHz to offer reproduction frequencies as high as 48kHz (half the sampling frequency of 96kHz), surpassing the format specifications for CD as the first such D/A Converter for car audio use. By broadening the sampling range, it becomes possible to reproduce the subtle nuances and depth contained in harmonic elements while reducing phase distortion in the high frequency range, delivering the full expressiveness and natural resonance that is inherently present in sound.

Copper Plated Chassis prevents sound deterioration

Uses a copper plated chassis to minimize the generation of spurious electrical current which can adversely affect sections that have a bearing on the signal, as well as noise interception caused by electrical shielding effect. By incorporating a zinc diecast panel, with its large specific gravity, high rigidity and low resonance, sound quality deterioration due to vibration is reduced. And by externally positioning noise generating parts such as the power supply, VFD devices for the display and the drive mechanism, the sources of noise are eliminated.

Burr Brown advanced segment type 24-bit D/A converter

After high sampling the data is processed by an advanced segment type Burr Brown 24-bit D/A Converter which offers superior dynamic characteristics and is resistant to clock jitter. Since the D/A Converter's internal structure is a 4DAC configuration which operates on L/R± differential, higher accuracy in D/A Conversion is afforded.

Display OFF function

Turns off the display circuits when a CD or other source is being played, preventing pulse noise from the display section from affecting sound quality.

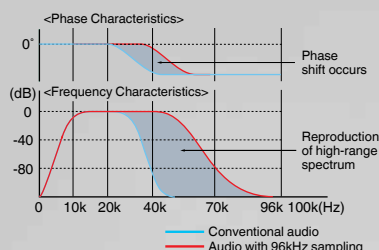
Keeping great sound in and noise out: The HX-D2's DC/DC converter

Consisting of only the highest quality components – from the chassis to the wiring and fuses – the HX-D2's external power supply is the heart of this audiophile-grade main unit. With its six-sided shielded casing, this design thoroughly keeps out noise, even during high load bursts. And to prevent any vibration, Clarion wraps this high-quality power supply in an aluminum diecast casing, and a copper-plated chassis. Internally, the HX-D2's power supply utilises toroidal choke coils, which minimise car noise and power loss. The unit also utilises a large-capacity, low-impedance condenser, which allows this external component to supply pure power. Clarion takes this a step further by equipping the power supply with a gold-plated connection terminal, which minimises power loss.

World's finest 0.7cm-step Digital Time Alignment

This function lets you set each speaker in a maximum 8-channel system to deliver the same acoustic effects with pinpoint accuracy, regardless of the listener's seat position (FRONT-L, FRONT-R, FRONT, REAR, and FULL SEAT position selectable). The Front L/R, Rear L/R, Centre speaker and Subwoofer work in harmony to create a seamless soundscape. It's possible to quickly and easily select the acoustic pattern of the system, or choose different settings according to the number of passengers or type of vehicle. (Adjustable range: 0 – 500cm, in 7mm steps)

Conceptual Diagram of Frequency/Phase Characteristics



96kHz Sampling
D/A Converter



Copper Plated Chassis
Prevents Sound Deterioration



World's First 0.5dB Step
Electronic Volume Circuit



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



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) 2 1/2"(H) x 6 5/8"(D)

DC625

6-DISC CD C-BUS CHANGER

- C-Bus Controlled
- 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) 2 1/2"(H) x 6 5/8"(D)



CD Changer specifications

	DCZ625	DC625
Wow/Flutter (WRMS)	Below measurable limit	Below measurable limit
S/N Ratio (dB)	105	105
Frequency response (Hz)	95	95
Dynamic range (dB)	5 to 20,000	5 to 20,000
Harmonic distortion (%)	0.01	0.01
Dimensions (W x H x D), mm	225 x 63 x 167	225 x 63 x 167

Playback CD Audio on any FM car radio



FMC250

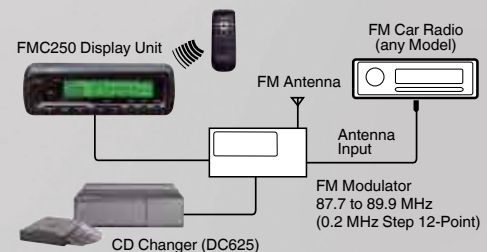
CD CHANGER CONTROLLER WITH FM MODULATOR

- 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



Play back CD sound on any FM car radio

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.



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!



DXZ866MP



DXZ466MP



DXZ766MP



DXZ666MP



VXZ766



HXD2



CMD4



M455

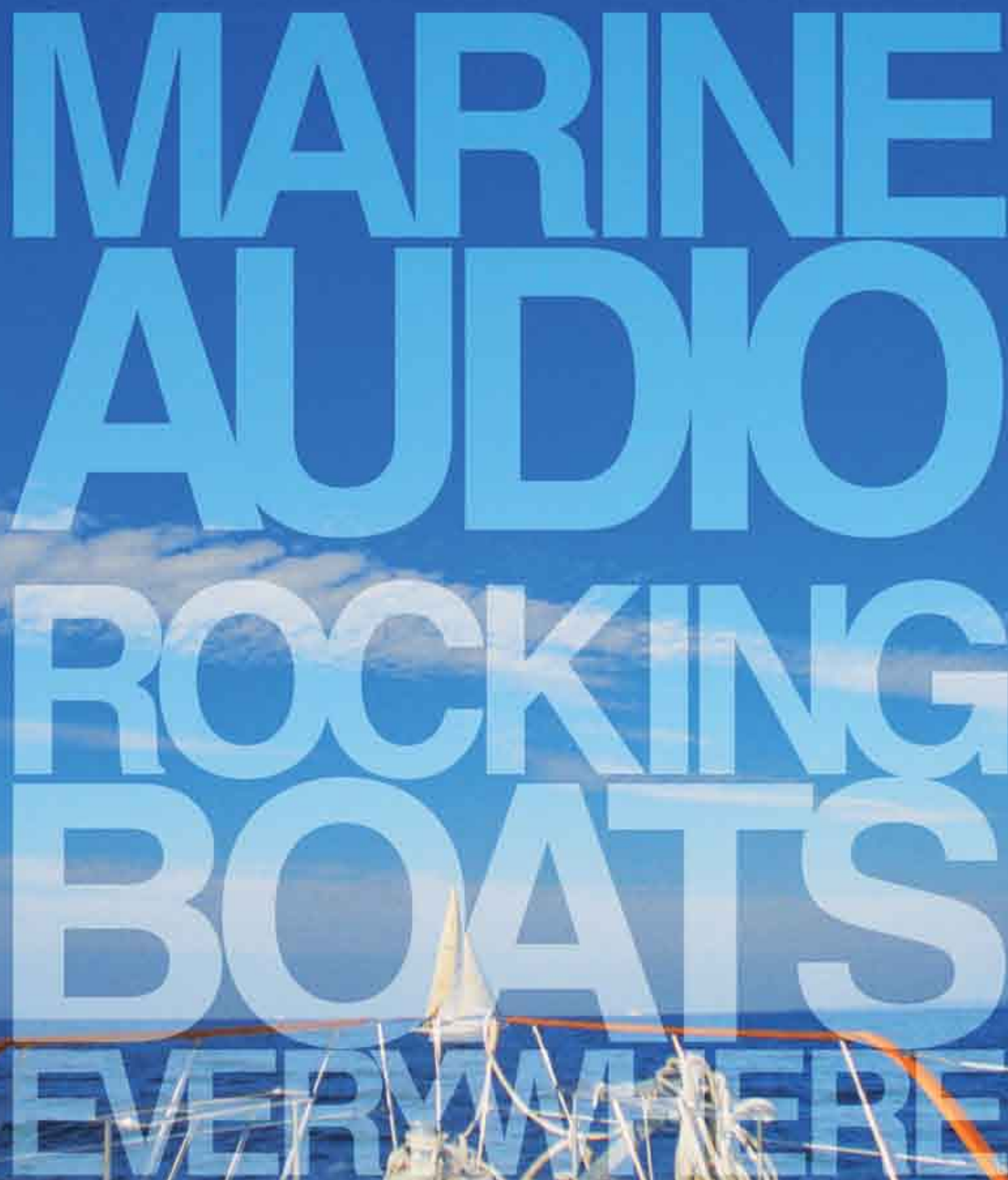
EA1251B

CeNET iPod INTERFACE

EA1276B

CeNET iPod INTERFACE FOR DFZ667MC

	HX-D2	DXZ866MP	DXZ766MP	DXZ666MP	DB866USB	DXZ466MP	DB266MP	DB166	WXZ466MP	DFZ667MC	ADB341MP	AK330
Multi-media	Pixel Display	38,400	16,384	3,648		7,680						
	Screen Resolution of	400 x 96	256 x 64	114 x 32	13 x 8	160 x 48	13 x 8	13 x 8	59 x 7	59 x 7		
Source	Touch-Panel Control With Soil-Resistant Finish	•										
	Music Catcher Digital Recorder									•		
	Plays MP3 and WMA Encoded CDs		•	•	•	•	•		•	•		
	Plays MP3 Encoded CDs										•	
	Plays CD-R/RW	•	•	•	•	•	•	•	•	•	•	•
	Full Logic Cassette with Auto Reverse										•	
	Auto Reverse										•	
	SD/USB Slot					USB				SD		•
	AC Processor IV											
	Amplifier		•									
Sound	Dolby Pro Logic II											
	Built-in DSP for Time Alignment, Seat Position, Virtual Space Enhancer	•										
	Listening Position Optimizer								•			
	3-Band Parametric EQ	5-Band										
	2-Band Parametric EQ		•									
	Digital Z Enhancer								•	•		
	Z-Enhancer EQ			•	•	•	•	•				•
	Graphic EQ								9 BAND			
	Built-in adjustable High Pass Crossovers for Front/Rear/Centre Channels: Through 50Hz/80Hz/120Hz	•										
	Built-in adjustable Low Pass Crossover with Subwoofer Volume Control: 50Hz/80Hz/120Hz	•	•	•								
	Magna Bass EX		•	•	•	•	•	•		•	•	
	24-Bit D/A Converter	Burr Brown	•	•	•	•	•	•		•	•	
	Audio	High Power	-----	53W x 4	53W x 4	53W x 4	50W x 4	52W x 4	45W x 4	45W x 4	50W x 4	50W x 4
4-Volt/8ch Gold Plated RCA Line Level Output		Max6V/8ch										
4-Volt/8ch RCA Line Level Output			•	•								
4-Channel RCA Line Level Output					•	•	•					
2-Channel RCA Line Level Output								•	•		•	
Built-in Amplifier Bypass Circuit (=AMP Canceller)			•	•	•		•					
Appearance		Stainless Steel Faceplate										
	728 Variable Colour Buttons (12 presets and 3 users)			•	•					•		
	Optimedia Display (Touch Panel Control)		•									
	F1 V/F Display			•								
	V/F Display	•			•				•			
	Full Dot LCD		•	•	•		•			•		
	Auto Dimmer		•	•	•		•					
	Rotary Volume Control	•	•	•	•	•	•	•	•	•	•	•
	Screen Saver with User-Programmable Message Information		•	•	•		•			•		
	Adjustable Display Contrast		•	•	•		•			•		
	Spectrum Analyser		•		•				•		•	
Motorised Detachable Control Panel		•	•	•								
Others	Flip Down Detachable Control Panel					•					Flip-Down only	
	CD Text	•	•	•	•	•	•	•	•	•	•	•
	Infrared Remote Control	•	•	•	•	•	•	•	•	•	•	•
	Radio Presets	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	20FM/6AM
	Detachable Control Panel with Blinking LED for Anti-Theft		•	•	•	•	•			Only Blinking LED	Only Blinking LED	
	Detachable Control Panel							•	•			
	Partially Detachable Control Panel					•						
Extension	CeNET Control of											
	DVD Changer	•	•	•	•	•	•		•	•		
	6-Disc CD Changer	•	•	•	•	•	•		•	•		
TV tuner		•	•	•		•		•	•		•	
AUX Input	4ch (2ch x 2)	•	•	•	•	•		•	Front AUX jack	2ch		



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 delivered 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 water, salt, fog and extended UV exposure. And, with Clarion's HMI and multiple remote compatibility, they present the operator and passenger's control of the source unit from just about anywhere in the boat.

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.

Driving Sound that's Never Watered Down

Today, Clarion boasts the industry's most complete lineup of marine speakers. Our flagship line, the innovative Sport Series, includes a 7" coaxial speaker and a 10" subwoofer. Both utilise durable polypropylene cones,



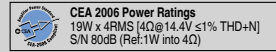
and both have new cosmetic designs. The line is rounded out with three 7" and three 6" speaker solutions including component, coaxial and dual cone options and a 10" subwoofer designed specifically for marine applications.



CMD4

WATERTIGHT MARINE CD RECEIVER/ 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 & TV tuner • 6-Channel RCA Output • 2-Channel AUX Input with Input Level Control • CeNET iPod interface compatible



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

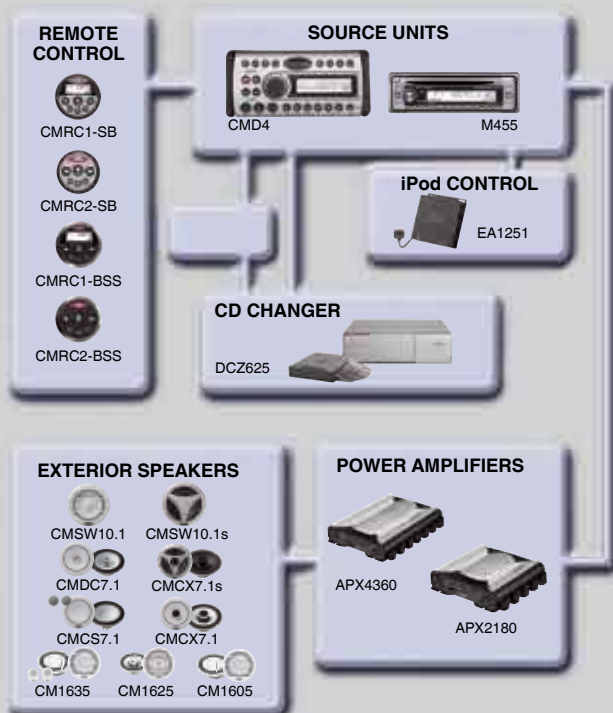
WATERTIGHT STAINLESS STEEL AND BLACK MARINE REMOTE CONTROL WITH LCD FOR CMD4 & M455



CMRC2-BSS

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

MARINE AUDIO SYSTEMS



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



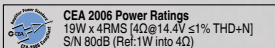


M455

MARINE CD RECEIVER/
CeNET CONTROL



- Aluminium 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 • 4-Channel RCA Output • Integrated Drip Shield • 2-Channel AUX Input with Input Level Control • CeNET iPod interface compatible



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"



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.



CMCW10.1s 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



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



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



CMCX7.1 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 required 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 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

Powered to perform, created to overwhelm

Your amplifier and speaker system is literally the interface between audio signals and your ears. So the quality of your components will have a direct impact on the quality of sound you hear. From crystalline highs to thundering lows, Clarion amplifiers and speakers deliver the sound of satisfaction.

Power amplifiers that deliver the punch

Whether you only listen to background music or operate a full-fledged mobile DVD theatre, the performance of the power amplifier will make a spectacular difference in the sound you hear. So regardless of the type of system you build, go ahead and fill your car with sound that is pure pleasure to the ear. Clarion gives you all you've ever wanted in an amplifier, and a lot more.



Subwoofers that make the earth move

Crank up the power full blast, and count on these subwoofers to deliver. Clarion offers a selection of subwoofers including active subwoofers, to meet and surpass your demands for groundpounding bass, featuring tough and high-performance cone materials, die-cast frames and powerful voice coils that can really take the heat.



Speakers that span the entire spectrum

Although bass gets a lot of attention, great sound does not consist of bass only. Clarion's lineup of high-performance speakers is your assurance that you and your audience will be listening to the highest quality audio, whether you're listening to a CD or your iPod® or watching a DVD. Enjoy the entire spectrum of sound, and experience complete in-car entertainment.



Amplifiers ▶

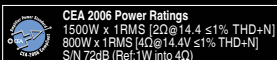


DPX11500

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"

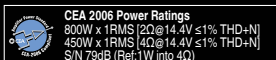


DPX1800

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"

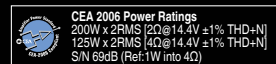


DPX2250

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"

4/3/2 ch. Power RMP	LPX HIFI		CEA 2006 Power Ratings 160W x 4RMS [2Ω@14.4V ≤1% THD+N] 90W x 4RMS [4Ω@14.4V ≤1% THD+N] S/N 93dB (Ref:1W into 4Ω)
MOS-FET Technology	MAX 640W		



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"

2/1 ch. Power RMP	LPX HIFI		CEA 2006 Power Ratings 160W x 2RMS [2Ω@14.4V ≤1% THD+N] 90W x 2RMS [4Ω@14.4V ≤1% THD+N] S/N 93dB (Ref:1W into 4Ω)
MOS-FET Technology	MAX 320W		



APX4240

400W 4/3/2 CHANNEL POWER AMPLIFIER

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

	CEA 2006 Power Ratings 90W x 4RMS [2Ω@14.4V ≤1% THD+N] 60W x 4RMS [4Ω@14.4V ≤1% THD+N] S/N 80dB (Ref:1W into 4Ω)
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APX2120

200W 2/1 CHANNEL POWER AMPLIFIER

2/1 ch. Power RMP	LPX HIFI	MAX 200W
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- 200 Watts of Maximum Music Power • 60W x 2 Into 4 Ohms, 20Hz-20kHz @ < 0.1%THD • 90W x 2 Into 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Selectable Bass Boost; 0dB/6dB/12dB @ 50Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 50Hz-300Hz
- Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input
- Dimensions 10 5/8" x 10 7/8" x 2 3/4"

	CEA 2006 Power Ratings 100W x 2RMS [2Ω@14.4V ≤1% THD+N] 60W x 2RMS [4Ω@14.4V ≤1% THD+N] S/N 85dB (Ref:1W into 4Ω)
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APX1300

400W MONO POWER AMPLIFIER

1 ch. Power RMP	LPX HIFI	MOS-FET Technology	MAX 400W
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- 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"

	CEA 2006 Power Ratings 500W x 1RMS [2Ω@14.4V ≤1% THD+N] 300W x 1RMS [4Ω@14.4V ≤1% THD+N] S/N 88dB (Ref:1W into 4Ω)
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Subwoofers

Subwoofers for Every Possible Circumstance

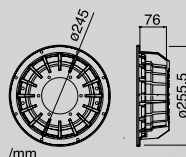
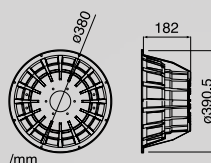
Clarion offers a full line of subwoofers for every installation situation and value proposition. Exemplifying the special applications in this family of innovative subwoofers is the massive 15" PXW1552 cast frame, dual voice coil monster subwoofer and the ultra cool PFW1051 shallow depth, composite cone 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 provide 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 listener.

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



PFW1051

10" THIN TYPE SINGLE 4-OHM 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

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



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"



SRW1245

12" SINGLE VOICE COIL SUBWOOFER

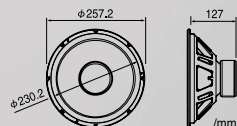
- 750 Watts of Maximum Music Power
- 375 Watts RMS • Single 4-Ohm Heat Resistant Voice Coil • Polypropylene Aluminum Coated Dust Cap Design • Kevlar/Paper Composite Cone Design
- High Excursion Rubber Composite Surround
- Dual Strontium Ferrite Magnet Motor Assembly
- Hyper-extended Vented Pole Piece • 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"



Dual Voice Coil Flexibility

The 12" PXW subwoofers are available with dual 2Ω or dual 4Ω voice coils. This means, you now have 1Ω, 2Ω, 4Ω and 8Ω drivers available from one simple choice. 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.

Subwoofers

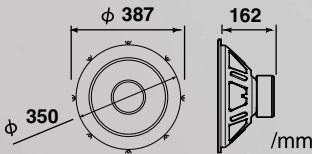
SB15XB

15" SINGLE VOICE COIL SUBWOOFER



INPUT MAX 600W

- Paper/Polypropylene Cone • Single heat resistant voice coil • Rear-vented pole piece • Foam rubber surround • Large strontium ferrite magnet • Rubber magnet cover • Steel stamped frame • Suitable for sealed and vented installation • 600 watts maximum music power



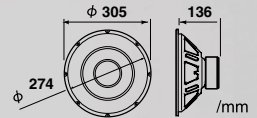
SB12XB

12" SINGLE VOICE COIL SUBWOOFER



INPUT MAX 600W

- Paper/Polypropylene Cone • Single heat resistant voice coil • Rear-vented pole piece • Foam rubber surround • Large strontium ferrite magnet • Rubber magnet cover • Steel stamped frame • Suitable for sealed and vented installation • 600 watts maximum music power



ACTIVE SUBWOOFER



SRV313

SLIM DESIGN 17 CM [6 3/4"] ACTIVE SUBWOOFER

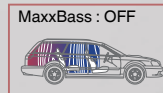
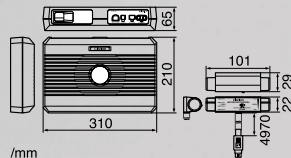


- Dual voice coil • 120 W high power amplifier with low pass filter • Maxx Bass circuit for virtual bass enhancer • 17cm(6 3/4") counter drive woofer with dual-neodymium magnet • Air compression structure with aluminum die-cast enclosure • Remote control for gain control /low pass filter (selectable 50/75/100/120 Hz)/phase select • Blue LED power indicator • RCA line level input/Speaker level input

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



Stick wired remote control



Sound pressure
High Low



Reproduction system Titanium metallised MIP cone woofer Speaker size Double-stacked powerful strontium magnet Seamless parabolic cone structure for dynamic bass response Aluminium die-cast frame and cooling spacer for higher power handling 4-ohm voice coil Rear-vented pole pieces Rubber surround Foam/Rubber Composite Surround Wired remote control Edgewise voice coil Music peak power (W)

	Reproduction system	Titanium metallised MIP cone woofer	Speaker size	Double-stacked powerful strontium magnet	Seamless parabolic cone structure for dynamic bass response	Aluminium die-cast frame and cooling spacer for higher power handling	4-ohm voice coil	Rear-vented pole pieces	Rubber surround	Foam/Rubber Composite Surround	Wired remote control	Edgewise voice coil	Music peak power (W)
PXW1552	Subwoofer		38 cm	●	●	●	Dual	●	●				1500
PXW1252	Subwoofer		30 cm	●	●	●	Dual	●	●				1000
PXW1251	Subwoofer		30 cm	●	●	●	Single	●	●				1000
PFW1051	Subwoofer		25 cm	●	●	●	Single	●	●				600
SB15XB	Subwoofer		38 cm				Single	●	●	●			600
SB12XB	Subwoofer		30 cm				Single	●	●	●			600
SRV313	Active Powered Subwoofer		17 cm				Dual				●	●	120

Speakers ▶

Advanced technology combined with new components to set the power of sound free

The high-quality sound diaphragm created from woven glass fibers reproduces all of the musical sources so faithfully that the music sounds just like the instrument being played by the musician. The crossover network achieves seamless connections by distributing the correct signals to the woofers and tweeters. In order to create a high-speed response capable of answering the huge amount of digital age information, the SRS1752HX has been generously equipped with a wide range of new technology. From the second you flick the switch on, the sound released from each of the speakers will lead you to an unprecedented new field of sound.

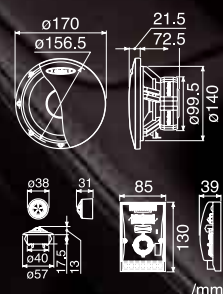


SRS1752HX

6.5" 2WAY COMPONENT SYSTEM



- 16.5 cm Glass fiber cone woofer with rubber surround • Aluminum die-cast frame for high power handling and reduced distortion • Powerful strontium magnet for dynamic bass response
- 2 cm (3/4") pure silk dome tweeter with dual-neodymium magnet • 2-way mounting tweeter (variable angle flush mounting/surface mounting) • Extremely high frequency reproduction /120 kHz • Highgrade -12 dB/oct, 2 way crossover network with level attenuator(0,-3 dB)



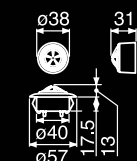
The power to play back super-high-quality music media's 120 kHz sound range



SRH292HX

3/4" SUPER TWEETER

- Pure silk dome tweeter with dual neodymium magnet • 2-way mounting tweeter (variable angle flush mounting/surface mounting) • Extremely high frequency reproduction/120 kHz • Includes -6 dB/oct. in-line network with level attenuator (0, -6 dB, -12 dB)



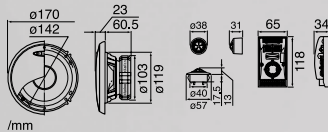
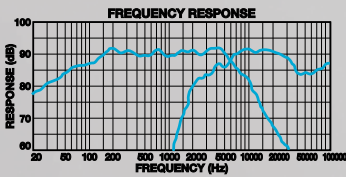
GLASS-FIBER SERIES

SRS1686

6" 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" 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)

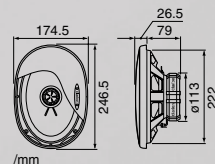
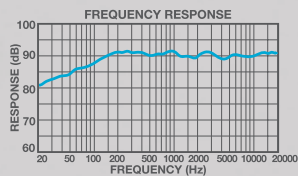


SRR6986

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)



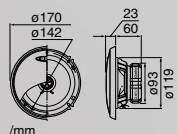
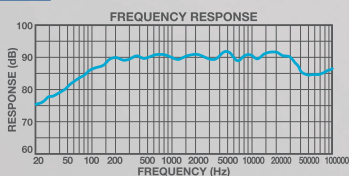


SRR1686

6" COAXIAL 2-WAY SPEAKER



- 250 Watts of Maximum Music Power
- "In-Phase" Coaxial Design for High End Sound and Imaging
- GM fit basket design / Chrysler Adaptor Included
- 6" 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)

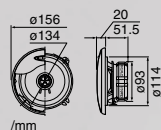
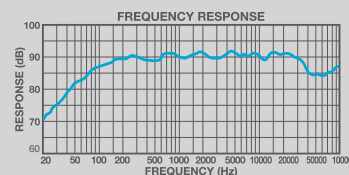


SRR1386

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)

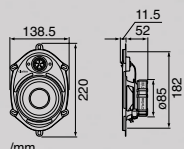
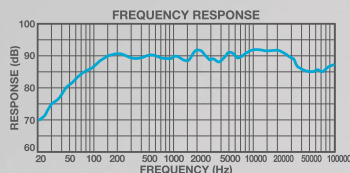


SRC5796

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)

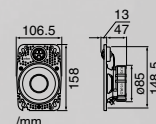
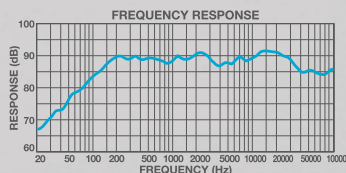


SRC4696

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)



Phase One Speakers

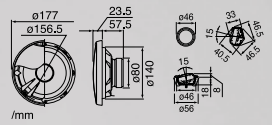
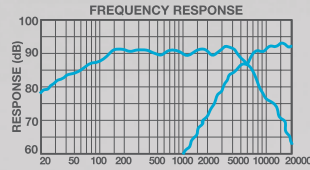


SRS1726

6.5" 2-WAY COMPONENT SPEAKER SYSTEM



- 250 Watts of Maximum Music Power • 6.5" Titanium Metallized 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)

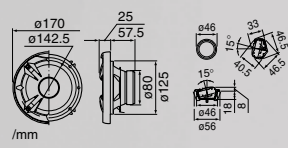
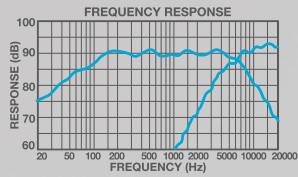


SRS1626

6" 2-WAY COMPONENT SPEAKER SYSTEM



- 200 Watts of Maximum Music Power • 6" Titanium Metallized 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

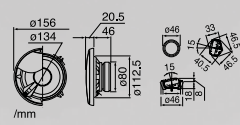
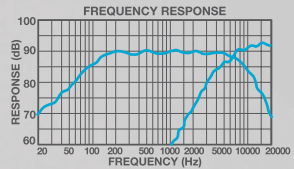


SRS1326

5 1/4" 2-WAY COMPONENT SPEAKER SYSTEM



- 200 Watts of Maximum Music Power • 5 1/4" Titanium Metallized 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



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

SRR1646

6" MULTIAXIAL 4-WAY



- 280 Watts of Maximum Music Power • 6" Titanium Metallized Mica-Injection Polypropylene Woofer Cone • 1 3/16" Metallized 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

SRR1726

6.5" COAXIAL 2-WAY



- 200 Watts of Maximum Music Power • 6.5" Titanium Metallized Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Balanced-Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

SRR1636

6" MULTIAXIAL 3-WAY



- 230 Watts of Maximum Music Power • 6" Titanium Metallized 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

SRR6936

6" x 9" MULTIAXIAL 3-WAY



- 230 Watts of Maximum Music Power • 6" x 9" Titanium Metallized Mica-Injection Polypropylene Woofer Cone • 2 5/8" Metallized PEI Balanced Drive Midrange • 5/16" PEI Balanced Drive Dome Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

SRR1336

5 1/4" MULTIAXIAL 3-WAY



- 170 Watts of Maximum Music Power • 5 1/4" Titanium Metallized 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

Phaze One Speakers

SRR1326

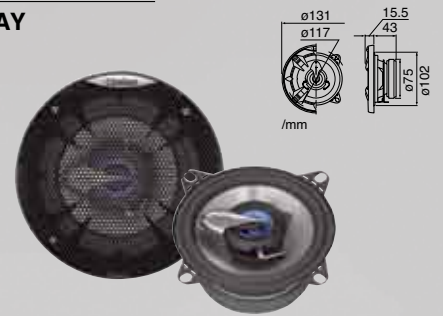
5 1/4" COAXIAL 2-WAY SPEAKER



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

SRR1028

4" COAXIAL 2-WAY SPEAKER



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

SRR6916

6" x 9" MULTIAXIAL 3-WAY SPEAKER



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

SRR1616

6" COAXIAL 2-WAY SPEAKER



- 180 Watts of Maximum Music Power • 6" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

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



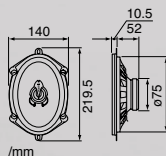
- 120 Watts of Maximum Music Power • 4" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response

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

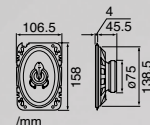


SRC4617

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

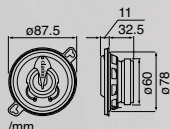


SRC916

3.5" CUSTOM FIT COAXIAL 2-WAY SPEAKER



- 60 Watts of Maximum Music Power
- 3.5" Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive 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" Metallized PEI Balanced Drive Tweeter • Powerful Neodymium Magnet for Dynamic Response • In-Line -6dB/oct. Crossover Network
- Custom Fit Tweeter Brackets Included (Flush, Surface)



4 & 3-Way Kevlar Component Systems



- 16cm Black Powder Coated Kevlar Cone Woofer
- 13cm Black Powder Coated Kevlar Cone Mid Bass
- 10cm Black Powder Coated Kevlar Cone Mid Range
- 2cm Silk Soft Dome Tweeter with Neodymium Magnet
- Super Heat-Resistant Kapton Voice Coil
- Rubber Surround
- 3-Way Passive Crossover
- 160W Music Peak Power

SCM400

4-WAY COMPONENT SPEAKER SYSTEM



- 16cm Black Powder Coated Kevlar Cone Woofer
- 13cm Black Powder Coated Kevlar Cone Full Range
- 2cm Silk Soft Dome Tweeter with Neodymium Magnet
- Super Heat-Resistant Kapton Voice Coil
- Rubber Surround
- 3-Way Passive Crossover
- 160W Music Peak Power

SCM300

3-WAY COMPONENT SPEAKER SYSTEM

MULTIMEDIA



VRX766VD
DVD MULTIMEDIA STATION
WITH TOUCH PANEL CONTROL



MAX667VD
2-DIN DVD MULTIMEDIA STATION
WITH TOUCH PANEL CONTROL

DVD PLAYER

VS755
DVD/CD/VCD/
MP3 PLAYER



PROCESSOR

DVH940
DOLBY DIGITAL/
dts CeNET
PROCESSOR



MAIN UNITS



HX-D2
CD RECEIVER/CeNET CONTROL



VXZ766
DVD/CD/VCD/MP3/WMA RECEIVER/
CeNET CONTROL



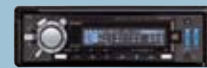
DXZ866MP
CD/MP3/WMA RECEIVER/CeNET
& TOUCH PANEL CONTROL



DXZ766MP
CD/MP3/WMA RECEIVER/
CeNET CONTROL



DXZ666MP
CD/MP3/WMA RECEIVER/
CeNET CONTROL



DXZ466MP
CD/MP3/WMA RECEIVER/
CeNET CONTROL



M455
MARINE CD RECEIVER/
CeNET CONTROL



WXZ466MP
2-DIN 6-DISC CD/MP3/WMA
RECEIVER / CeNET CONTROL



DFZ667MC
2-DIN CD/SD/MP3/WMA
RECEIVER/CeNET CONTROL



CMD4
MARINE CD RECEIVER/CeNET CONTROL

CD CHANGERS

DCZ625
6-DISC CD CeNET
CHANGER



DC625
6-DISC CD C-BUS
CHANGER



iPod INTERFACE

EA1251B
CeNET iPod® INTERFACE

EA1276B
CeNET iPod INTERFACE
for DFZ667MC



TV TUNER



TTX754
CeNET TV TUNER



AX330
CASSETTE RECEIVER/
C-BUS CONTROL



FMC250
FM MODULATOR/ CD STACKER
CONTROLLER



DB566USB
CD/USB/MP3/WMA RECEIVER



DB266MP
CD/MP3 RECEIVER



DB166
CD RECEIVER

iPod



EA1251B
CeNET iPod Interface
EA1276B
CeNET iPod Interface for DFZ667MC



CCA-670
iPod Connecting Cable
• For VRX766VD and MAX667VD
CCA-673
iPod Video Connecting Cable
• For VRX766VD and MAX667VD

CABLES



CCA-389
Mini 8-pin (DIN) to RCA Transfer Cable
CCA-623
RCA transfer cable for TB851P/TB853W
• 1-ch RCA (L/R/V) input, 1-ch RCA video output



CCA-519
CeNET Branch Cable: 1 m



CCA-520
CeNET Extension Cable: 2.5 m
CCA-521
CeNET Extension Cable: 0.6 m

OPTICAL CABLES



DCA-005
DCA-008



DCA-006

Model No	Terminal Shape		Length
	Out	In	
DCA-005	VRX766VD/ VRX935VD/ VCZ625	DVH940	5 m
DCA-006	DCZ625	DVH940	5 m
DCA-007	VRX766VD/ VRX935VD/ VCZ625	DPH910, DVS9755z	5 m
DCA-008	VRX766VD/ VRX935VD/ VCZ625	DVH940	1.5 m

TV ANTENNAS



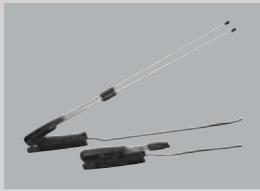
ZCB-303
Window-Type 2-Way Diversity Antenna
• Cable length: 4 m



ZCP-404
4-Way Amplified Diversity Inside Window Film TV Antenna for TTX754/TB851P



ZCP-100
Whip and Window Type 4-Way Diversity Antenna



ZCA-404
4-Way Diversity Antenna

CD MAGAZINES



CAA-397-900
Spare 6-CD Magazine
• For DCZ625, DC625, DCZ625V, VCZ625

REMOTE CONTROLS



RCB-147-600
Infrared joystick remote control



RCB-177
Remote Control
• For MAX667VD, VRX766VD, VXZ766



RCB-176
Remote Control



RCB-172
Remote Control



RCB-164
Remote Control

Specifications

Source Units	HX-D2	DXZ866MP	DXZ766MP	DXZ666MP	DB566USB	DXZ466MP	DB266MP	DB166	WXZ466MP	DFZ667MC	ADB341MP
TUNER SECTION											
Frequency bands											
FM: (MHz) 0.05MHz steps	89.0 to 108	87 to 108	87 to 108	87 to 108	87.9 to 107.9	87.5 to 108	87 to 108	87 to 108	87.5 to 108	87 to 108	87.5 to 108
MW: (kHz) 9 kHz steps	531 to 1629	531 to 1629	531 to 1629	531 to 1629	531 to 1602	531 to 1602	531 to 1629	522 to 1629	531 to 1629	531 to 1629	531 to 1629
LW: (kHz) 3 kHz steps				153 to 279	153 to 279	153 to 279	153 to 279	153 to 279	153 to 279		
FM usable sensitivity (dBf)	9	9	9	9	11	-	11	11	9	9	
FM 50 dB quieting sensitivity (dBf)	15	15	15	15	17	-	17	17	15	15	
FM alternate channel selectivity (dBf)	70	70	70	70	70	-	70	70	70	70	
FM stereo separation @1 kHz (dB)	35	32	32	32	35	-	35	35	35	32	
FM stereo freq. resp. @ ±3 dB (Hz)	30 to 15,000	30 to 15,000	30 to 15,000	30 to 15,000	30 to 15,000	-	30 to 15,000	30 to 15,000	30 to 15,000	30 to 15,000	
CD SECTION											
Wow/Flutter (WRMS)	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits
S/N ratio (dB)	112	100	100	100	100	100	100	100	90	100	100
Frequency response (Hz)	5 to 20,000	5 to 20,000	5 to 20,000 Hz	5 to 20,000 Hz	10 to 20,000 Hz	10 to 20,000 Hz	10 to 20,000	10 to 20,000	10 to 20,000	5 to 20,000	10 to 20,000
Dynamic range (dB)	100	96	95	95	93	93	93	93	90	95	95
Harmonic distortion (%)	0.003	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.01	0.01	0.01
AUDIO SECTION											
Power output (DIN45324, +B = 14.4 V)		4 × 31 W	4 × 27 W	4 × 25 W	4 × 25 W	4 × 25 W	4 × 20 W	4 × 20 W	4 × 27 W	4 × 50 W	4 × 50 W
GENERAL											
Dimensions (W × H × D), mm	178 × 50 × 178	178 × 50 × 160	178 × 50 × 158	178 × 50 × 158	178 × 50 × 155	178 × 50 × 155	178 × 50 × 155	178 × 50 × 155	178 × 100 × 160	178 × 100 × 156.5	178 × 100 × 156.5
Remote control (W × H × D), mm	52 × 125 × 12	44 × 113 × 13	44 × 113 × 13	44 × 113 × 13	44 × 113 × 13	44 × 113 × 13	44 × 113 × 13	44 × 113 × 13	-	44 × 113 × 13	44 × 113 × 13
Weight (kg)	1.7	1.7	1.6	1.6	1.3	1.3	1.2	1.2	2.2	2.2	2.1
Power consumption: less than	1.4 A	15 A	15 A	15 A	15 A	15 A	15 A	15 A	15 A	15 A	15 A
Speaker impedance	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)

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	PFW1051	SRW1245	SRW1045	SB15XB	SB12X
Max Power Handling	1500w	1000w	1000w	600w	750w	650w	600w	600w
Continuous Power Handling	750w	500w	500w	300w	375w	325w	300w	300w
Frequency Response	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	30Hz-500Hz	32Hz-500Hz	32Hz-500Hz	32Hz-500Hz
Efficiency	90dB	87dB	87dB	84dB	82dB	81dB	82dB	81dB
Basket Type	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum	Stamped Steel	Stamped Steel	Stamped Steel	Stamped Steel
# of Voice Coils	2	2	2	1	1	1	1	1
Impedance	4 Ohm	4 Ohm	2 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"	12 3/8"	10 3/8"	15 1/4"	12"
Cut Out Size	14"	10 7/8"	10 7/8"	9 1/16"	11 3/4"	9 3/4"	14"	11 3/4"
Mounting Depth	7"	6 3/8"	6 3/8"	3"	6 1/4"	5 3/4"	6 1/4"	5 1/2"
Enclosure Size	1.5 Cu Ft	0.85 Cu Ft	0.85 Cu Ft	0.5 Cu Ft	1.05 Cu Ft	0.88 Cu Ft	1.5 Cu Ft	1.05 Cu Ft

TV	TB851P
Screen size (W × H), mm	8-inch
Drive principle	TFT (Thin Transistor) active matrix display
Number of pixels	336,960 (234 × 1440)
VRC video input	1.0 ± 0.2 Vp-p (input impedance 75Ω)
Dimensions (W × H × D), mm	178 × 50 × 188
Weight (kg)	2.2
Power Consumption	2.0 A
Power Requirement	14.4 VDC (10.8 ~ 15.6 V)

MARINE AUDIO COMPONENTS

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

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 Feature

				WMA	MP3
FILE SYSTEM	ISO9660	LEVEL1		●	●
		LEVEL2		●	●
		LEVEL3		(#1)	(#1)
	ISO9660 EXTENSION	JOLIET	PLAY	●	●
		FILE NAME		64-byte	128-byte
	OTHERS	ROMEO	PLAY	●	●
FILE NAME				64-byte	128-byte
FILE DESCRIPTOR	.mp3 / .MP3			●	
	.Mp3 / .Mp3			●	
	.WMA		●		
	.rmp			●	
MPEG FORMAT	MPEG1			●	
	MPEG2			●	
	MPEG2.5			●	
SAMPLING FREQUENCY	MPEG1				
	MPEG2				
	MPEG2.5				
BIT RATE	WMA		F _s =22.05 - 44.1kHz		
	WMA		48,64,80,96,128,160,192kbps		
OTHERS	DIRECTORY DEPTH		'MAX 8	'MAX 8	
	FILE NAME NUMBER		64-byte	128-byte	
	TOTAL FILE NUMBER		'512	'512	
	TOTAL FOLDER NUMBER		'255	'255	
	ID3 TAG	ver.1.x			(#2)
		ver.2.x			(#3)
		TITLE		●	●
		ARTIST		●	●
	WMA-TAG	ALBUM		●	●
		TITLE		●	
ARTIST			●		
VBR		ALBUM #	(#4)		



- (#1) Items finalized by ISO9660 can be played back. However, they require verification with Applix Packetman, Adaptec DirectCD, or B'ZCLIP 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.

Multimedia Stations

	VRX766VD	MAX667VD
MONITOR SECTION		
Screen size (W × H), mm	154.0 × 87.0 (7-inch)	156.2 × 82.3 (7-inch)
Display type	Transparent-type TN liquid crystal display	Transparent-type TN liquid crystal display
Drive principle	TFT (Thin Transistor) active matrix display	TFT (Thin Transistor) active matrix display
Number of pixels	336,960	336,960
VRC Video input	1.0 ±0.2 Vp-p (input impedance 75 Ω)	1.0 ±0.2 Vp-p (input impedance 75 Ω)
VRC Audio input	130 ±60 mVrms (input impedance 10 kΩ or more)	130 ±60 mVrms (input impedance 10 kΩ or more)
TUNER SECTION		
Frequency bands		
FM: (MHz) 0.05 MHz steps	87 to 108	87 to 108
AM: (kHz) 9 kHz steps	531 to 1629	531 to 1629
FM usable sensitivity (dBf)	9	9
FM 50 dB quieting sensitivity (dBf)	15	15
FM Alternate channel selectivity (dBf)	70	70
FM stereo separation @ 1 kHz (dB)	32	32
FM Stereo freq. resp. @ ± 3 dB (Hz)	30 to 15,000	30 to 15,000
DVD SECTION		
Usable discs		
Frequency response (Hz)	DVD video disc 20 to 20,000 (48 kHz) (+1 dB/-1 dB)	DVD video disc 20 to 20,000 (48 kHz) (+1 dB/-1 dB)
Distortion	0.01	0.006
CD SECTION		
Wow/Flutter (WRMS)		
S/N ratio (dB) 1 kHz	Below measurable limits	Below measurable limits
Frequency response (Hz)	100	100
Dynamic range (dB) 1 kHz	20 to 20,000 (+1 dB/-1 dB)	20 to 20,000 (+1 dB/-1 dB)
Harmonic distortion (%)	100	100
	0.006	0.006
AUDIO SECTION		
Maximum power output	4 × 50 W	4 × 50 W
GENERAL		
Dimensions (W × H × D), mm	178 × 50 × 165	178 × 100 × 160
Hide-away unit (W × H × D), mm	178 × 37.5 × 209	-
Weight (kg)	2.3	2.6
Power consumption	4.0 A (at 1 W)	4.0 A (at 1 W)
Power requirement	14.4 V DC (10.8 ~ 15.6 V)	14.4 V DC (10.8 ~ 15.6 V)
Speaker impedance	4Ω (4Ω to 8Ω allowable)	4Ω (4Ω to 8Ω allowable)

5.1-channel processor

	DVH940
Signal to noise ratio	95dB
Distortion	0.01%
Separation	80dB
Input sensitivity	0.6V, 1.2V, 2V
Subwoofer cutoff frequency	50Hz, 80Hz, 120Hz
Subwoofer level control	SP-GAIN +/- 10dB
Output voltage	4V
Input impedance	47K ohm
Output impedance	300 ohm
Parametric EQ bands	Bands × 3 (Front/Centre/Rear)
Q	1-20 (5 points)
EQ centre frequency range	20, 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, 1k, 1.25k, 1.6k, 2k, 2.5k, 3.15k, 4k, 5k, 6.3k, 8k, 10k, 12.5k, 16k, 20k
Parametric EQ Boost/Cut	12dB +/-
Time correction range	0-5ms (Centre) 0-5ms (Rear)
Frequency response	20Hz-44kHz

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 - dts is a trademark of Digital Theater Systems, Inc.
 - 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 is no guarantee that all units in this catalogue can play CCCD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD ±R/RW
 - LCD panels use the latest high-tech components and boast an effective pixel rate of 99.99%. However, be aware that 0.01% or less of the pixels may be defective.

FEATURE ICONS

Multimedia/Main Unit



2-Zone entertainment

Function that allows people in the front and back seats to enjoy separate visual or audio entertainment sources.



24-bit D/A converter

This sophisticated Digital-to-Analogue converter converts the 16-bit digital data on compact discs to a full 24-bit format for the utmost in resolution and clarity. It combines the qualities of the 1-bit D/A converter with wider dynamics and extremely low noise opening up a whole new world of three-dimensional sound rich in musical nuances and instrumental harmonics.



5.1-channel Dolby Digital / dts surround

With the arrival of DVD, 5.1-channel surround sound, which is already a must for home theatre systems, is rapidly becoming the entertainment format of choice in motor vehicles. Dolby Digital and dts provide three channels of front sound (left, right, centre) together with two rear audio channels (left, right) and a dedicated low-frequency channel for a subwoofer. This combination, as satisfied home theatre enthusiasts well know, is able to reproduce the dynamic sound field of a cinema in a relatively small space. So take the show on the road; let Clarion bring full 5.1-channel performance into your car.



5.1-channel surround system

Built-in 5.1-channel surround system: Dolby Pro Logic / Dolby Digital AC3 / dts decoder.



6-disc CD changer

The built-in 6-disc CD changer lets you enjoy your favourite music for long periods of time without the need for switching CDs. So now on long drives, you can listen to your favourite music albums to your heart's content.



Optimedia display

Advanced human-machine interface that fuses high quality graphics and interactive touch-screen operation in an eye-catching design.



AC Processor IV

DSP newly developed by Clarion's acoustic technology know-how. In order to optimise the sound quality and field balance, it incorporates various functions such as ADF, VSE, Dolby Pro Logic II, 3-way Digital Crossover, Parametric EQ and Time Alignment, being processed by a single chip.



Amplifier canceller

When you use an external amplifier, the power supply to built-in amplifier can be switched off in order to avoid spurious radiation signal being mixed and ensures the output of fine quality.



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.



Audio output

RCA output terminals for connecting with external amplifiers. With external amplifiers, you can build up a system with more powerful output and higher sound quality. Especially 4V output can drive amplifiers powerfully and helps to get pure sound.



Auto dimmer

It is linked to headlight switch and protects from glare during the night time by adjusting brightness of the front-face illumination. Some high-end models come with built-in sensor so that the brightness is automatically adjusted in accordance with darkness of vehicle interior.



AUX input

External sound input in RCA format. It can be connected with equipments such as a video game or portable player and enables sound output allows control of from your car audio system.



CD

This symbol shows compatibility with compact discs.



CD text

When a CD text compatible CD is played, text information such as artist name or music title is shown on the display.



CeNET

Original bus system developed by Clarion, which enables high-speed data transfer and high quality sound transmission. Your system can be upgraded with optional devices such as CD changer, TV tuner, DAB tuner, DSP, iPod interface and so on.



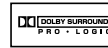
Digital optical output / input

Building of a 5.1-channel surround system that draws a definite sound figure in the car inside and to give should be made possible.



Digital Z-Enhancer

3 equalising patterns can be selected from the DSP to boost either the bass or the treble separately, or both together. Also, 3 additional gain adjustment patterns provide a total of 9 equalising patterns that you can change to suit your favourite music.



Dolby Pro Logic

It is a name of the decoder for separating and restoring 2-channel stereo signal recorded in the Dolby surround format to the 4 original channel signals.



Dolby Pro Logic II

One of the latest sound technologies brought by Dolby Laboratory, which enables to create virtual 5.1-channel sound from conventional 2-channel source. Thanks to the newly developed algorithm, the system simulates full surround sound so that you can make full use of your 5.1-channel system anytime. It features phantom mode for a system without centre speaker.



DVD video

The unit is compatible with the DVD video format so you can watch DVD software in your car.

Subwoofer/Speaker



Air compression

The exhaust back pressure is once compressed in the cabinet for boosting bass sound.



Aluminum-coated Polypropylene cone

High-rigidity, lightweight polypropylene is used for a cone material.



Bass extender

It is a heavy low-pitched sound reinforcement circuit whose frequency compensation according to a system is attained.



Counter drive

By the ingenuity of mount design, large calibre 17 cm woofer fits inside a slim and compact body.



Digital ready

Featuring higher power handling, Clarion's Digital Ready speakers reproduce the wide dynamic range of Compact Discs and other digital media.



Dual 4-ohm voice coil

Dual voice coils deliver perfect playback of large-amplitude bass. These coils also provide high sensitivity and excellent performance for large input sounds.



Neodymium magnet

Neodymium magnet has a feature of high magnetic energy, which helps to minimise magnetic distortion when it is used for speaker driver.



Full OFC wire

99.995% pure oxygen free copper is used for wiring in order to secure pure sound.



Glass fibre cone

Glass fibre is adopted as a cone material, which enables quick response on sound reproduction.



HX series

HX series comes from Clarion's perpetual quest for the perfection. Their highly qualified sound will elevate you to the new height of sound emotion.



In-line network

Separate network is not required for the installation.



In-phase coaxial

These speakers have been uniquely designed to accommodate a tweeter and woofer on the same axis, which as a result conveys, crisp treble and vibrant bass to the listener's ears simultaneously.



Flip down console

Clarion has designed the CD insertion slot to sit behind the front panel in order to leave sufficient space for a large, easy-to-read display. Depending on the model, the front panel slides down at the press of a button or can be released and folded down mechanically.



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.



Low-pass and high-pass filters

A filter that passes signals below a crossover frequency (LPF) or above a crossover frequency (HPF). It works to optimise the signal for high or low frequency reproduction when subwoofer or tweeter is connected to the system.



LPO (Listening Position Optimiser)

The WXZ466MP's Listening Position Optimiser uses digital processing to virtually adjust the speaker distance, enabling sound stage settings to accommodate a wide variety of different types of vehicles. So no matter what type of car you drive, you can count on Clarion to drive your sound with high precision and realistic presence.



Magna bass EX

This bass enhancer is designed to boost ultra low frequency around 60 Hz while conventional loudness works for 100 Hz. The effect is controlled according to the volume level.



Message information

The user can program own message up to 30 characters that will be shown on the display when the unit is turned on and off.



MOS-FET

MOS-FET (Metal Oxide Semiconductor Field Effect Transistor), well known as superior electronic transistor for audio system, is used in the final stage of amplifier. Since MOS-FET is a highly efficient element with a linear operation curve, it dramatically improves S/N of the high frequency range, which is especially susceptible to noise. This results in smooth and rich expressive capabilities, and sound reproduction infinitely close to the original source.



Music catcher

On board memory chip can capture your favourite music when you play CD. Once the music is copied to the memory, you just need to press a button to play it.



Parametric EQ

Equalising frequency is variable so that you can customise the sound character more precisely according to your speaker system.



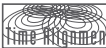
SD memory card slot

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



Slope console

The face panel of the slope console slides down gracefully to reveal the CD loading slot. The smooth operation of the console presents a serenely elegant driving scene.



Time alignment control

Lets you easily adjust the time delay among the speakers to best suit your interior simply by choosing the type of your car (sedan, mini-van, etc.)



Touch panel control

Based on pure HMI, provides an intuitive and easy-to-use alternative to conventional buttons and knobs. Convenient one-touch menus make easy to operate complex multimedia functions, as well as control of all your system components. Call up programs, select stations, input titles or control audio and video output — all with just the touch of a finger.



USB memory slot

Equipped with a USB port to offer playback of WMA/MP3 files stored on a connected USB memory card or USB-compatible player.



VCD

This symbol shows compatibility with VCD.



Variable colour display

This LCD display lets you mix RGB (Red/Green/Blue) level to create the background colour. The control buttons on the faceplate automatically change colours to match the display.



Z-Enhancer

Three types of sound quality patterns are pre-set for easy selection. Boost the bass only, the treble only, or both, with the level of boost adjustable by the user.



WMAMP3

With decoders for both MP3 and WMA (Windows Media Audio), you can play either type of ripped or downloaded audio files. Also supports ID3 tags for 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 while delivering CD-level quality.



Z-Enhancer Plus

Same functions as standard Z-Enhancer, but in addition, all units with "Z-Enhancer Plus" are designed for 2-band parametric equalisation.



Metallised MIPP cone

Metallised MIPP cone provides superior rigidity while maintaining lightness for high dynamic response.



Mica polypropylene mixed injection cone

Polypropylene with mica particles blended in is used for injection-molded diaphragms to attain superior response.



PEI balanced drive

Integrated PEI diaphragm and voice coil bobbin, which reduces the mass and gives the optimum induction conditions in the magnetic gap. It results a dramatic improvement in dynamic range.



Powerful strontium magnet

A high-conductivity magnet is used in Clarion's speaker systems to obtain an air gap magnetic flux density significantly higher than that obtained from ferrite magnets.



Rear-vented pole piece

To prevent pressure from building up inside the centre cap and causing increased amplitude distortion, a vent is provided on the rear of the pole piece.



Rubber surrounds

The rolled edge of the diaphragm provides superior response, while its butyl material is highly durable and moisture resistant.



Silk-cloth soft dome tweeter

Clarion's high-end tweeters use silk, strengthened by the lamination layer, provides natural, finely detailed sound.



TM MIPP (Titanium Metallised MIPP) Cone

MIPP (Mica Injected Polypropylene) cones with blended titanium offer superior lightness and ridity excellent response even to the fast transients of digital sources.



Variable angle tweeter

The angle of tweeter is adjustable according to the position of installation.



Wide-range 80 kHz / 120 kHz silk dome tweeter

Uses soft silk dome diaphragms and high-power magnets to achieve rich expressiveness. Offers up to 80 kHz or 120 kHz maximum reproduction for crystalline highs.



Wired remote control

Stick-type remote for control of powered subwoofer from the driver's seat, and when set on the dashboard, puts control of low-pass filter, gain control and phase switching comfortably within reach.



Water resistant cone

Water resistant cones prevent sound quality deterioration caused by moisture. Door mounting is possible without further protection.



DVD MULTIMEDIA STATION
WITH TOUCH PANEL CONTROL
VRX766VD



iPod control with touch panel

Take your tunes on the road with Clarion. Answering the call of iPod fans, iPod control is offered by Clarion in 2006. We allow you to "Podify" your in-car experience with a new, easy-to-use source-unit interface. Compatible with all third-generation and newer iPods. The interface makes accessing your iTunes collection as easy as the touch of the screen to fast-forward or reverse track CD's.



True 2-Zone Entertainment

Clarion's 2-Zone entertainment feature offers SUV and mini van owners more flexibility when it comes to their mobile entertainment system. Now, owners of Clarion's VRX766VD get more front-seat listening options while rear-seat passengers watch and listen to a DVD or VHS movie via wireless headphones. So, plug in an iPod, listen to a CD, the or any CeNET-equipped audio source. This is versatility where you need it most in the car.



Now iPod Video Ready



Clarion H.M.I.

Human Mobile Music Media Interface

Music, information, and mobility.

Clarion seeks the ideal connection of these elements.

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

Connecting your music and information to the mobile environment in a user-friendly way enhances your comfort and enjoyment for complete satisfaction.

Let Clarion be the interface that creates the connection.

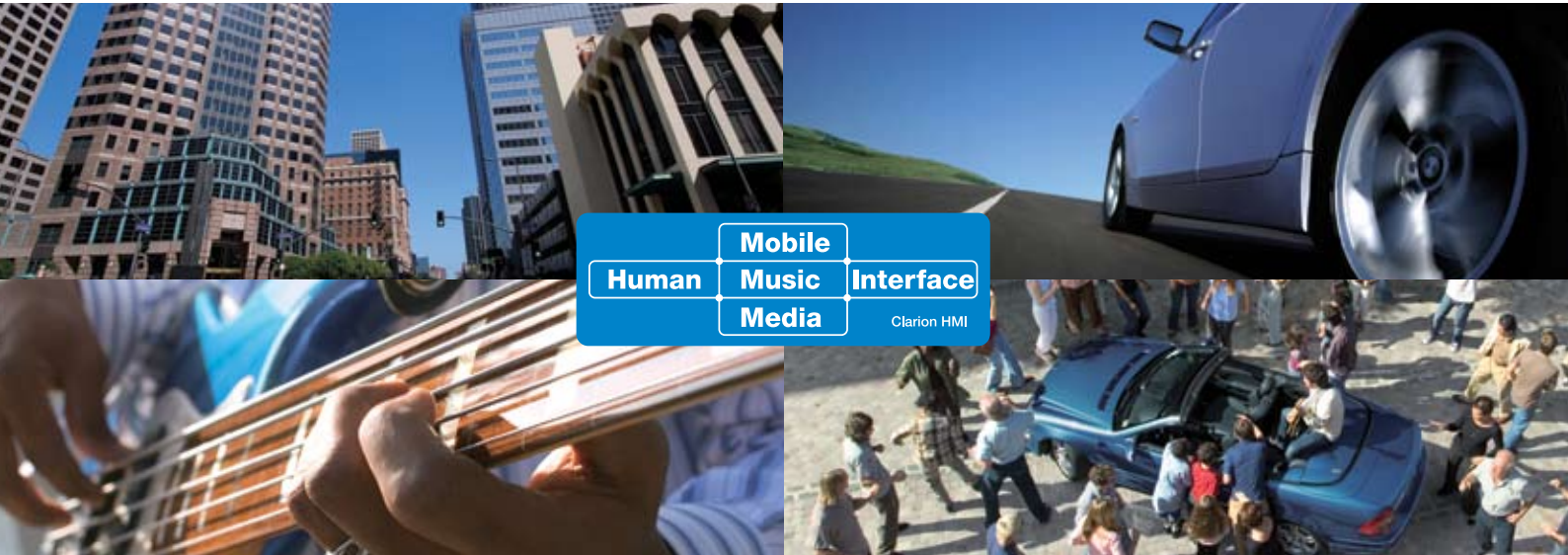
Our range of products not only entertain you with high quality video and audio, but literally interact with you while on the road.

And no matter how many times you have travelled down the same roads, you will be vividly reborn in the fascinating, magic-blue world of Clarion Azzurro.

Clarion Australia Pty. Ltd. <http://www.clarion.com.au>

30 Corporate Drive, Moorabbin, Victoria 3189, Australia
Tel: (61) 3-8558-1115, Fax: (61) 3-9551-0366

clarion



Human Mobile
Music Interface
Media Clarion HMI



Clarion. Suits all flash drivers

Are you in the drivers seat when it comes to the coolest and handiest toys and technology? If so, USB Flash Drivers will have caught your eye, giving you compact and easy-to-use portable storage of all your top tunes.

Now, the latest eye-opener in Clarion mobile entertainment is just for you. The new Clarion DB566USB head unit is not only a heavyweight on features, power and style, with a AM/FM stereo tuner and CD-MP3/WMA player, but it also includes a USB port on the front panel. It supports all types of USB media adaptors.

Just plug in and play... and all your favorite tunes can become driving tunes, quick as a flash.

Sound it out at www.clarion.com.au

USB

DB566USB

Clarion | Clarion Australia Pty. Ltd.
30 Corporate Drive, Moorabbin, Vic, 3189 Phone: 038558 1115 Fax: 039551 0366

Join the Clarion HMI -Human [Mobile Music Media] Interface- : www.clarion.com.au

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- iPod is a trademark of Apple Computer, Inc, registered in the U.S. and other countries.
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WARNING: Driver is prohibited by law from viewing a video signal on any in-dash monitor while the vehicle is in motion.

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