

Notes

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- All units in this catalogue are primarily intended for installation in passenger cars. Use in lorries, tractors, off-road vehicles, construction machinery, boats (except marine models), 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.

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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clarion

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clarion

2007 Catalogue for Car Audio, Multimedia, & Marine Products



clarion



Clarion HMI

Introducing Moray - the concept car designed to reflect Clarion's H.M.I. This is the world in which Jay Kay lives. A place where mobile, music, media and style mesh seamlessly. Let Clarion take you to a new level of excitement and satisfaction - the world of Clarion Azzurro.

Clarion H.M.I. "Feel So Good."



VRX776VD
DVD MULTIMEDIA STATION WITH CeNET
& 7-INCH TOUCH PANEL CONTROL

MAX676VD
2-DIN DVD MULTIMEDIA STATION WITH CeNET
& 7-INCH TOUCH PANEL CONTROL

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ITALDESIGN-GIUGIARO

"Moray", the Clarion H.M.I. concept car created by GIUGIARO, one of the world's top industrial design firms.

Jay Kay (Jamiroquai)

"Jay Kay", vocalist for the world-famous jazz funk band Jamiroquai.



Clarion's H.M.I. redefines the meaning of “Human Machine Interface” in 2007.

Clarion brings the future of technology to the present by incorporating the latest trends and connectivity in 2007. With an advanced engineering and product planning team, Clarion continues to offer cutting edge mobile entertainment and connectivity. This dedication and understanding exemplifies Clarion's exclusive H.M.I. technology. Musicians create their music to be listened to like their original recordings and performances. Clarion understands this, which is why Clarion products provide sonic excellence beyond the imagination. By offering products that feature seamless connectivity to portable media and storage devices, it has become a reality. It's not hype, it's H.M.I.!

Emotion and performance infused **INTEGRATION**

Bring “home cinema” enjoyment into your car with fully-fledged 5.1 channel surround and 2-Zone entertainment.

Compatibility with various compressed digital media including DVD/CD/MP3/AAC, interfaces that enable seamless connection with USB and hands-free Bluetooth® telephony, and the quality sound that comes from Clarion's accumulated technology, create a world of high-definition sound and images. 5.1-digital surround sound means you can create a fully-fledged “home cinema” type audio system in your car, so movies can be enjoyed with all the sonic presence and nuance as was intended by the movie creators. The 2-Zone entertainment function lets those in the front seat and the rear seat enjoy different audio-visual content without interrupting each other. The total enjoyment of images and sound, in an integrated system that reacts immediately to your wishes... that's the fulfilling audio-visual experience you can expect from Clarion H.M.I.



SUPERBSOUND with integrated flexibility

Supports a wide variety of digital formats and reproduces them with the highest quality sound.

Clarion knows people want their music with them all the time - at home, at work and most importantly - in the car. The 2007 Clarion line takes the theme of 'Any Source, Any Time' to new heights. Our USB and SD connections will allow control for 15,000+ MP3/WMA/AAC songs at your fingertips. Our new 'Sound Restorer' signal processing then works to recreate the detail and ambience of the original recording to provide an experience that is as close to the live performance as possible. You won't believe you're still in your car.

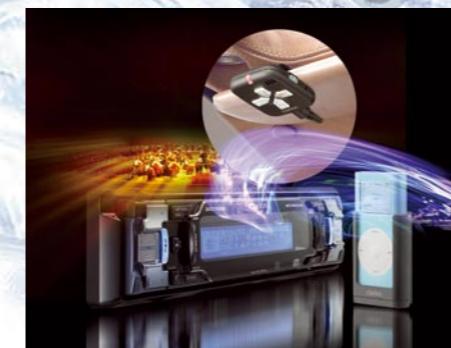


Evolving safety to new extremes

with **CONNECTIVITY**

Changing your in-car communication with safety that's a cut above.

Bluetooth isn't just a buzzword - and it's a lot more than just a way to talk on the phone - it's the future of audio. The 2007 Clarion source unit line takes the integration of music and information to the next level. Intensely fast 1Mbps data transfer allows your iPod® or cellular phone to stream high quality audio directly into your audio system. Clarion also offers Bluetooth® solutions for existing streaming audio products, as well as add-on components for the ubiquitous Apple iPod. In 2007, Clarion remains at the forefront of entertainment and information integration.



DESIGN that defies conventional thinking

The ultimate design in human-machine interface that throws conventionality out the window.

Individuality and originality are at the heart of the 2007 Clarion line. As seen with the DXZ776USB, our high-end source unit models feature the revolutionary SLIDETRAK sliding-face system to allow you to perform various operations with one touch. With leading edge designs like the "Metal Shark"-styled FB276BT, as well as the DUB276MP/276MPW main unit which imports the concept of modern living into your car, Clarion H.M.I. continues to evolve and breathe excitement into the mobile environment.



VIDEO, MUSIC AND INFORMATION... THE LIFE STYLE YOU SEEK IS ALL THERE

Clarion has a unit to suit your car multimedia lifestyle in the 07 lineup, including the latest in AV entertainment. Leading with the flagship MAX676VD AV source unit which not only delivers high quality sound, but takes a giant leap forward by delivering seamless iPod video integration, 2-Zone entertainment control and Bluetooth® compatibility. That means your rear passengers can enjoy watching movies with the full impact of surround sound, while you enjoy the radio or a CD up front, or even talk on your mobile phone with hands-free convenience and safety.



Safe, Hands-free Talking and iPod® Enjoyment with Bluetooth®

The 07 lineup employs Bluetooth capability for a safer and more intelligent driving experience. The next generation wireless communication standard (A2DP) is capable of up to 1 Mbps communications without interference. With a Bluetooth-ready mobile phone you don't need wires all over the car, you can hear the other party through your car speakers, allowing you to talk hands-free for safer driving. Wireless connections to Bluetooth-ready portable music players mean seamless music enjoyment in and out of the car.



Bluetooth AUDIO/MOBILE-PHONE
TRANSCIEVER FOR AUX INPUT BLT370

Wrap Yourself in Sound

For an experience that goes beyond the confines of your car, expand your multimedia system with our dts / Dolby Digital surround decoder. Superior signal processing combined with digital data transfer reproduce all the subtle nuances from every corner of your car. Imagine the best theatre experience you've ever had, and then realise it every time you turn the key.

Clarion's Multimedia: Quality AV Performance for a More Evolved Driving Experience

Advanced AV functions are highly integrated in Clarion A/V products, including a high-quality DVD video picture on the high-resolution monitors, 5.1-channel capability for enjoyment of movies with all the sound impact they deserve, and 2-Zone functions for different front and rear seat entertainment sources. With all of that, your seat transforms into a more exciting and enjoyable space.

- See and hear the performance of an enjoyable drive

Choose the system that best fits your needs with advanced AV functions and expandability. VRX776VD offers great flexibility and expandability through external device connectability and 2-Zone functions. MAX676VD has a 7-inch wide monitor screen for rich expression even with its compactness, and offers high-resolution DVD display. Either way you go, you can count on the cinematic in-car sound that 5.1-channel surround makes possible.



VRX776VD



MAX676VD



VRX576USB



VRX376USB

Multi-Media Playback with High-quality Audio – Clarion's Answer to Drivers' Performance Needs

Keeping pace with ever-evolving new technologies, Clarion pursues the highest in sound quality. This philosophy runs strong in the 07 model lineup. We bring together in-vehicle entertainment and a variety of music media. Enjoy DVD video playback, WMA, MP3 and AAC compressed audio on CD (or via USB connector of VRX-576USB and VRX376USB) and iPod control. In 2007, Clarion's unique "Sound Restorer" technology complements digital music data lost in compression and decompression to ensure audio almost as good as the original source.

Every Seat is Centre Stage

Clarion knows we all want to be entertained. With our 2-Zone rear seat entertainment products, everyone in the car can watch or listen to what they want simultaneously. Front seat passengers can enjoy the radio or a CD, while the kids in the back can watch a movie or play their favourite video game via an overhead or headrest monitor and wireless headphones. It's easy to use and features the quality and reliability you've come to expect from the leader in mobile multimedia: Clarion.

DivX®

Both 5 & 3 series Clarion multimedia stations support DivX playback. Today DivX is the world's more popular video compression format, allowing you to bring many videos with you whenever and wherever you wish.

*only available in VRX576USB and VRX376USB.

The VRX776VD demonstrates maximum performance in the limited inner vehicle space. It delivers powerful video and sound in an amazingly compact size. 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 VRX776VD provides an excellent core that supports a wide range of extendibility and future potential. Clarion's flagship model VRX776VD embodies our ideal of an AV Multimedia Station. High-definition, high-luminance wide screen monitor, and a wide range of supported media multiplayer 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.

Tremendous future potential hidden within a compact body



VRX776VD



Now iPod Video Ready

DVD MULTIMEDIA STATION WITH CeNET & 7-INCH TOUCH PANEL CONTROL



- DVD±R/DVD±RW/CD-R/CD-RW ready
- MP3/WMA compatible with ID3/WMA-TAG display • 18 FM, 6 AM station presets • DSP tuner with variable band width • iPod direct connection and control • 2-Zone entertainment: front and rear separate source control • 24-bit D/A converter • 3-band parametric equaliser
- 4-channel × 50 watts of MOS-FET amplification • DVD video and audio/video CD compatible
- Fully motorised 7-inch QVGA colour LCD monitor • Touch panel control with soil-resistant finishing • Adjustable display brightness

- Phone mute • 1 AUX AV input (2-channel audio + video) • 1 video line-out and 2-channel audio pre-out for 2-Zone entertainment • 6-channel audio pre-out • CeNET Control of: DVD changer, 5.1-channel decoder, TV tuner and 6-disc CD changer • AUX Bluetooth® audio/mobile-phone transceiver BLT370 ready • OEM steering wheel remote wired interface capability
- CCD camera input via AUX input with reverse gear connection



Right: Detachable Control Panel

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.**

***Playlists of mixed music and movie files cannot be played on iPod video compatible units.**

True 2-Zone Entertainment

Clarion's 2-Zone entertainment feature offers more flexibility when it comes to your mobile entertainment system. Now, owners of Clarion's VRX776VD and MAX676VD get more front-seat listening options while rear-seat passengers watch and listen to a DVD via wireless headphones. So, plug in an iPod, listen to a CD, the radio, or any CeNET-equipped audio source. This is versatility where you need it most in the car.



The reality only high-definition can provide; the intensity only a big screen monitor can provide. The 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. When the MAX676VD 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 MAX676VD can provide.

Outstanding sense of presence and visibility brought together inside the vehicle



Now iPod Video Ready



MAX676VD

2-DIN DVD MULTIMEDIA STATION
WITH CeNET & 7-INCH TOUCH
PANEL CONTROL

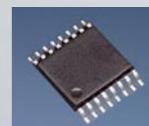


- DVD±R/DVD±RW/CD-R/CD-RW ready
- MP3/WMA compatible with ID3/WMA-TAG display • 18 FM, 6 AM station presets • DSP tuner with variable band width • iPod direct connection and control • 2-Zone entertainment: front and rear separate source control • 24-bit D/A converter • 3-band parametric equaliser
- 4-channel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

- AUX Bluetooth audio/mobile-phone transceiver BLT370 ready • OEM steering wheel remote wired interface capability

24-bit DAC

Noise generated by conventional DACs is distributed randomly throughout a wide range in the spectrum, including the audible range. To circumvent this, Clarion adopts a high-performance 24-bit DAC normally only found in expensive home audio systems. Not only does it cancel out unwanted noise well into the non-audible high frequency range, but it also extends the S/N ratio for clearer, more realistic sound.



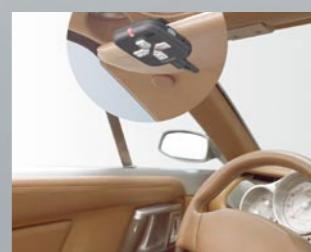
Digital Media Ready

If it's on an optical disc, bring it with you. The VRX776VD and MAX676VD can handle it. From your favourite CDs to the biggest blockbuster DVD titles, the MAX676VD will recreate them with all the realism and detail you'd expect. It's ready for your digital media collection as well, with MP3 and WMA audio playback and Video CD decoding. The VRX776VD and MAX676VD are the perfect choice to be at the heart of your mobile entertainment system.



Bluetooth Ready with BLT370

You've got hundreds of your favourite songs stored on your cellular phone or iPod and it's time to free them. Let Clarion's Bluetooth technology bring these songs to life like you've never heard them before. You can also use the BLT370 as a hands-free kit for your mobile phone, so you can keep your hands on the wheel and your eyes on the road.



The VRX576USB takes high-end multimedia to the masses. Equipped with our industry leading iPod® user interface with video playback, a USB slot, 2-Zone entertainment and compatibility with the Clarion BLT370 Bluetooth® interface, the VRX576USB provides you with functionality beyond your expectations.

Setting new standards for features and performance.



VRX576USB

DVD MULTIMEDIA STATION
WITH 7-INCH TOUCH PANEL CONTROL



- DVD±R/DVD±RW ready • CD-R/RW ready • MP3 and WMA and iTunes® AAC (only USB) compatible with AAC-TAG display • Official DivX® certified product • Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files • Rear USB connector • 18 FM/ 12 AM station presets • iPod direct connection and control • Shock proof memory • 24-bit D/A converter • Subwoofer volume control • 2-Zone entertainment: front and rear separate source control
- Z-Enhancer Plus sound customisation • 2-band parametric equaliser • MAGNA BASS EX dynamic bass enhancement • Built-in High-pass filter & Low-pass filter • Built-in amplifier canceller • 4 channel x 50 watts of MOS-FET amplification • DVD video and audio/video CD compatible • Fully motorised 7-inch TFT colour LCD monitor • Touch panel control • Adjustable display brightness • Phone mute • 1 AUXAV input (2-channel audio + video) • 6-channel audio pre-out • AUX Bluetooth audio / mobile-phone transceiver BLT370 ready • OEM steering wheel remote interface capability • CCD camera input via video line-in with reverse gear connection • Detachable control panel

Nobody Knows H.M.I. like Clarion.

That's why we outfitted the VRX576USB with a control panel that's intuitive and easy to use, even while your eyes are safely on the road.



Rear USB Terminal

Plug a USB key into your VRX576USB or VRX376USB to access up to 15,000 tracks of MP3, WMA or AAC files from your iTunes® music library. You can also enjoy ID3 tag data, giving you album, artist and track information. The maximum number of folders supported is 255 with up to 15,000 track per folder.



Made For iPod

The iPod has revolutionized the portable media industry like nothing before it. Clarion's dedication to integration with the iPod is unsurpassed. The VRX576USB features iPod audio control and iPod Video playback with an intuitive touch screen interface.



DivX® **DivX®**

Both Clarion 3 & 5 series VRX multimedia stations play DivX files. DivX has become the world's more popular video compression format, allowing you to bring videos with you whenever and wherever you wish.

Clarion understands that the needs of mobile entertainment enthusiasts is ever changing. To keep up with the needs of our customers, we introduce the VRX376USB. This 1-DIN unit offers features like 2-Zone entertainment, iPod control and a USB port for the ultimate in in-dash performance. Integrate the VRX376USB into your car with our OEM steering wheel control or add a rear-view camera to make navigating parking lots easier and safer. The VRX376USB delivers multimedia and convenience beyond your expectations.

Entertainment delivered like never before



Now iPod Video Ready



VRX376USB

DVD MULTIMEDIA STATION
WITH 3.5-INCH MONITOR



- DVD±R/DVD±RW ready • CD-R/RW ready
- MP3, WMA and iTunes® AAC (only USB) compatible with AAC-TAG display • Official DivX® certified product • Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files • Rear USB connector
- 18 FM/12 AM station presets • iPod direct connection and control • Shock proof memory
- 24-bit D/A converter • Subwoofer volume control • 2-Zone entertainment: front and rear separate source control • Z-Enhancer Plus sound customisation • 2-band parametric equaliser
- MAGNA BASS EX dynamic bass enhancement
- Built-in High-pass filter & Low-pass filter • Built-in amplifier canceller
- 4 channel x 50 watts of MOS-FET amplification
- DVD video and audio/video CD compatible
- Motorised sloping control panel with 3.5-inch TFT colour LCD monitor • Adjustable display brightness • Phone mute • 1 AUX AV input (2-channel audio + video) • 6-channel audio pre-out • AUX Bluetooth audio /mobile-phone transceiver BLT370 ready • OEM steering wheel remote interface capability • CCD camera input via video line-in with reverse gear connection
- Detachable control panel



DVD±R/DVD±RW Playable

Both units are compatible with MP3/WMA/DivX® files on DVD±R/DVD±RW media formats. To enjoy hundreds of hours of your favourite music you can burn up to 3,000 tracks on your DVD split into 255 folders with a maximum of 3,000 tracks per folder.

2-Zone Entertainment

Keep everyone entertained with 2-Zone entertainment, listen to your favourite radio station while your rear seat passengers enjoy a DVD movie via any of Clarion's fine rear seat entertainment products.



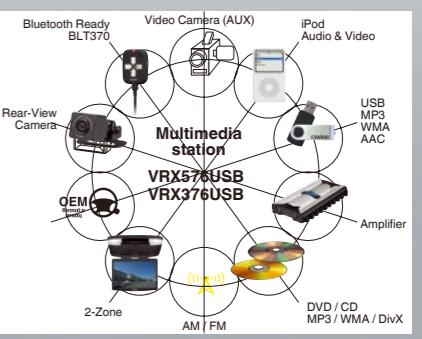
High-pass/Low-pass Filter

You can set the frequency range of the audio signal that's output to each channel to best match the acoustic characteristics of the subwoofer, front and rear speakers. On top, Clarion's built-in 24-bit D/A converter recreates the natural nuances and expressions lost during the sound reproduction process.



Multimedia Station

Connectivity means being able to connect when you want to, wherever you are. Clarion knows connectivity and so does the VRX376USB. We've equipped the VRX376USB with a USB slot for easy access to your music collection, Bluetooth compatibility via the BLT370, OEM steering wheel integration options and a rear view camera input. Combine this with MP3/WMA and iTunes AAC file format decoding, iPod audio/video connectivity and 2-Zone entertainment, Clarion offers everything you've ever wanted.



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. DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license. *Playlists of mixed music and movie files cannot be played on iPod video compatible units.

As the available space in the vehicle's interior diminishes, Clarion offers a creative solution for mobile entertainment. By incorporating DVD video playback and audio playback of MP3 and WMA music files, Clarion has maximised the available space in the dash. When partnered up with headrest monitors or an overhead monitor, it's the ultimate rear seat entertainment centre. Simply put, let Clarion entertain you.

Encapsulating mobile entertainment desire into a single DIN chassis



VB476

DVD/CD/VCD/MP3/WMA RECEIVER



- MP3/WMA compatible • DVD±R/DVD±RW/CD-R/CD-RW ready • 18 FM/12 AM station presets • 24-bit D/A converter • Compressed Video Playback (AVI & MPEG) • 6-channel audio pre-out with subwoofer volume control
- 4-channel x 45 watts of amplification • DVD video and audio/video CD compatible
- Flip-down console • 2 video line-outs
- 2-channel auxiliary input • Remote control included • Detachable control panel



Ecstasy in the Audio Video Domain

Adding a Clarion digital monitor will mesh the clarity of sound and the sharpness of video. Further enhance the experience with Clarion's array of amplification and sound reproducers. Getting there has never been so much fun. By supporting the various audio formats and video playback, Clarion ensures everybody along for the ride will be entertained. -- And for those instances when your media isn't on a disc, just plug right into the Auxiliary Inputs on the unit. -- Tranquility in the car... PRICELESS!

Combining Man and Machine

It's not just a cliché, it's a philosophy. -- Clarion believes that form and functionality should be as one. That's why we include easy to access volume controls, positive reflection buttons and an easy to read LCD display as necessities. Experience Clarion's exclusive H.M.I. for yourself.

Can't Get Enough Music

With the DVD capabilities, play 100's of songs on a single DVD disc and throw away all those cumbersome cases. Enjoy high fidelity music with our 24-bit digital to analogue converter that makes your music come to life.



"Are we there yet? Are we there yet?" That plagued sentence will become extinct with Clarion's rear seat entertainment systems. Featuring overhead monitors ranging in size from 7" to 15" with built-in DVD players and wireless headphone transmitters - peace of mind is only a press of a button away. Our high-resolution TFT active matrix LCD monitors reproduce vivid colors and dimension from your favourite DVD. Now the problem will be prying the kids out of the car when you reach your destination.

Home Theatre, more like "In-Car" Theatre. Clarion's overhead monitors combine all the comforts of home into a compact overhead package.



OHM1575VD

15.4" OVERHEAD ENTERTAINMENT DIGITAL MONITOR



- Universal Slim Profile • Compressed Video Playback of MPEG 1/2/4 & AVI • MP3, WMA playback • Adjustable Display Modes: Wide/Normal • Infrared Remote control with On Screen Display • 2 Audio/Video Inputs for external devices • 1 Audio/Video Output for multiple monitor applications • Built In Dome light
- Includes 2 Headphones



OHM107VD

10.2" OVERHEAD ENTERTAINMENT DIGITAL MONITOR



- Universal Slim Profile • Compressed Video Playback of MPEG 1/2/4 & AVI • MP3, WMA playback • Adjustable Display Modes: Wide/Normal • Infrared Remote control with On Screen Display • 2 Audio/Video Inputs for external devices • 1 Audio/Video Output for multiple monitor applications • Built In Dome light • Includes 2 Headphones



Premium headphones

Each OHM monitor includes two sets of noise isolating infrared headphones. The unique swivel design allows for easy storage in your back seat pocket.



OHMD74

7" OVERHEAD ENTERTAINMENT DIGITAL MONITOR



- Slim Profile • MP3 playback • Adjustable Display Modes: Wide/Normal • Infrared Remote control with On Screen Display • 2 Audio/Video Inputs for external devices • 1 Audio/Video Output for multiple monitor applications • Built In Dome light • Includes 2 Headphones

Clarion's extensive range of rear seat entertainment products means you can choose the right monitor to suit your vehicle. The OHMD74 is the perfect fit for the growing small car market, allowing the driver to retain vision via the rear view mirror while the monitor is in use. For best results and complete satisfaction, Clarion recommend professional installation by an authorised Clarion dealership.

Driving isn't a voyage from point A to point B, it's a journey full of vivid imagery and sound centered around your seat. Have your favourite music, movie or video game right at hand no matter where you go. The dual channel feature of the VMA series monitors allows you the option to view one of two selectable programs at any given time.

With Clarion multimedia onboard, your back seat is your home away from home.



VMA7196

7" HEADREST/STAND-ALONE LCD WIDE MONITOR

- 7" TFT Color Monitor • 16:9/4:3 Adjustable Screen Format • On-screen Display • 2 AV Inputs • Built-in Dual IR Output for Headphone (Optional IR700) • Built-in Receiver for Compatible Devices • Easy-fit Universal Mounting Bracket Included • Supports NTSC and PAL • Dimensions: 8" (W) x 5-7/8" (H) x 1" (D)



VMA5096

5" HEADREST/STAND-ALONE LCD WIDE MONITOR

- 5" TFT Color Monitor • 16:9/4:3 Adjustable Screen Format • On-screen Display • 2 AV Inputs • Built-in Dual IR Output for Headphone (Optional IR700) • Built-in Receiver for Compatible Devices • Easy-fit Universal Mounting Bracket Included • Supports NTSC and PAL • Dimensions: 7-1/8" (W) x 5-3/8" (H) x 1" (D)

5.1-channel entertainment

The DVH940 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.



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 MAX676VD/ VRX776VD/ VCZ625 • Analogue input with adjustable HIGH/MID/LOW • Dimensions: 230 (W) x 170 (D) x 25 (H) mm



VS755

DVD/CD/VIDEO 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 • On-screen Display • 2 Audio/Video Inputs (Includes Front Panel A/V Input) • Plug-in Infrared Remote Receiver • Infrared Remote Control • Parental Level Settings



SRK604

CENTER SPEAKER WITH AMPLIFIER

- Compact speaker for 1-DIN Surface-mount Application • Two 3 cm metallised PEI Parabolic Dome Mid-range • 2cm metallised PEI Balanced-drive Tweeter • 40 W amplifier included • Dolby Digital-ready



TTX754 PAL

CeNET TV TUNER

- CeNET controlled • Diversity tuner system • 1 AUX A/V input (2-channel audio+video) with optional CCA389 cable • CCD camera input* • 2 video line-outs
- *CAA188 (Sold Separately) is required.
The CCA389 (Sold Separately) is required when using this unit as an audio-visual input terminal.

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.

Meet the largest in-dash screen in history!

TB851P PAL

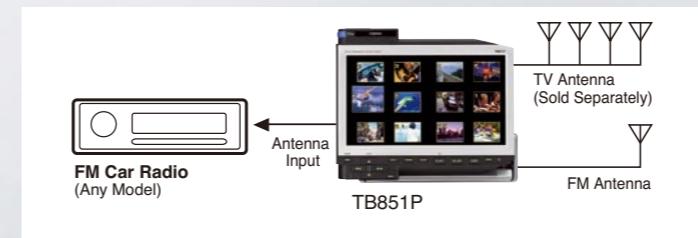
8-INCH WIDE COLOUR LCD TV

- Fully motorised 8-inch wide screen colour LCD • 5 steps tilt angle and 3 steps back and forth slide adjustment • Built in FM modulator (0.2 MHz step, 10 points) • Built in TV tuner and 4-way diversity unit • 1 video line-out and 2-channel audio pre-out • Screen size select (wide/full wide/cinema/normal) • AUX AV inputs (2-channel audio + 2 videos) (PAL compatible, auto) • CCD camera input*

*CAA188 (Sold Separately) is required.

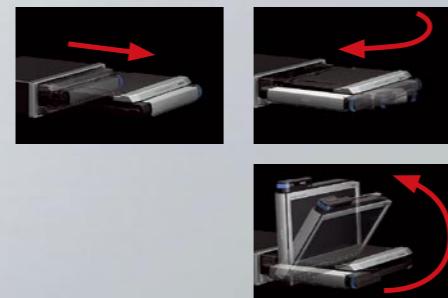
The CCA623 (Sold Separately) is required when using this unit as an audio-visual input terminal. CCA623 / RCA transfer cable for TB851P: 1-channel RCA (L/R/V) input, 1-channel RCA video output

Can connect with any electronically tuned FM car radio !!



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 in-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.

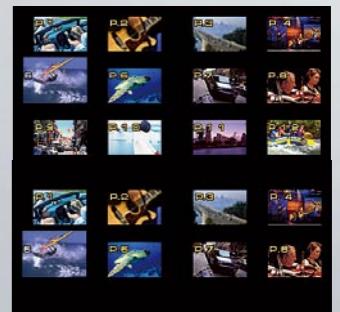


Wide 8-inch Display

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 a DVD main unit like the VB476 an exciting car entertainment environment can be easily created.

Multi 12 or 8 Screens 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.



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

IR700/IRH602A

WIRELESS HEADPHONE SYSTEMS



- IR700 : IR wireless single channel headphones (pictured)
- IRH602A : Dual channel IR wireless single headphones to suit VMA dual channel screen products.

CC1030E

COMPACT COLOUR CCD CAMERA (MIRROR IMAGE)



CAA188

REAR VISION CAMERA POWER SUPPLY FOR CC1030E



- CCA389
- 89 DIN RCA A/V ADAPTER FOR TTX754

Clarion makes your drive more enjoyable and safer. Take the guesswork out of reversing and drive with confidence. Simply shifting your vehicle into reverse automatically starts the image display. This ultra compact camera incorporates the latest advances in micro CCD technology, delivering sharp and true images directly to your in-dash monitor. By adopting the reverse gear system, the amount of driver operation needed to use this product is minimal. Moreover, this camera is so small that once it's mounted on your vehicle you'll forget it's even there!

The ultimate rearview camera system just got smaller.



CC2011E

ULTRA COMPACT REARVIEW CCD CAMERA

- 1/4 inch color CCD image pickup element
- NTSC mirror image output • 250,000 pixel
- Scanning system - 2:1 inter-laced 525
- Internal synchronisation • Electronic iris function
- Angle of view : Horizontal 131° & vertical 97° • Light sensitivity : Below 3LUX (2LUX±1LUX)
- SN ratio Above 48dB (AGC-OFF) • Operating temperature limit : -20° ~ +60° • Power supply voltage : DC9V±0.5V Negative ground
- Current draw : Below 120mA (at the time of DC 9V) • Weight : 136g (including cable) • Actual size : 27 (W) x25 (H) x28.3(D) mm

Excellent low light visibility

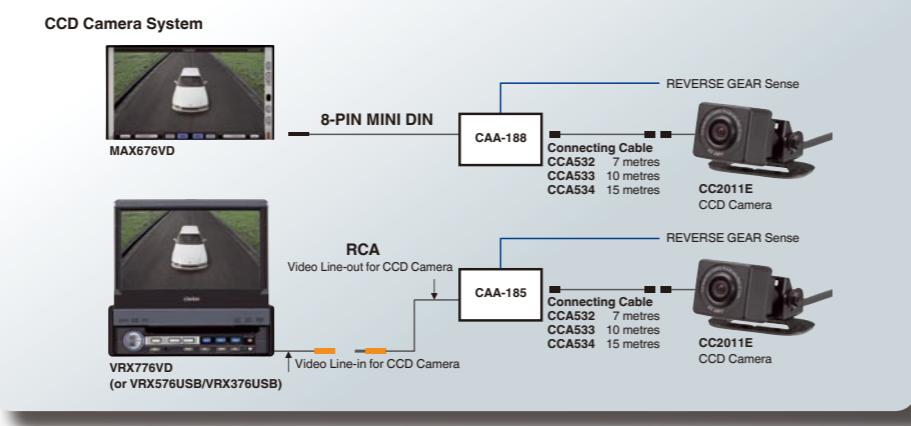
This system delivers brighter, clearer images than black and white cameras enabling reliable rearview monitoring in low light situations.

Low-distortion lens

The distortion typical of poor quality wide-angle lenses is non-existent for this ultra-wide-angle lens. This high quality lens allows the camera to deliver a wider and more natural true-to-life image to your in-dash monitor.

Auto shift function

When paired with a Clarion in-dash A/V system, the camera is linked with the vehicle's reverse gear. Each time the vehicle is shifted into reverse an image from the rear camera appears automatically on-screen.



Flexible mounting bracket

Clarion's engineering team have not only created the smallest, high quality automotive camera available in today's market, they have also designed high-quality mounting hardware with flexibility in mind. When you're mounting a camera to an SUV or sedan, station wagon or coupe, quality mounting hardware allows you to adjust the camera's direction to suit your individual needs.

Wide angle rear view image

Drive with confidence thanks to the wide angle rear view image displayed via your in-dash monitor. The CC2011E offers broad visibility when reversing your vehicle into tight spaces, car parks or in busy driveways.

REAR VIEW CAMERA ACCESSORIES

CAA188

POWER BOX FOR CCD CAMERA



CAA185

POWER BOX FOR CCD CAMERA



COMPACT CAMERA CABLES FOR CC2011E

Connecting cables for CC2011E ultra compact camera
CCA532 (7m)
CCA533 (10m)
CCA534 (15m)

Multimedia Features

	VRX776VD	MAX676VD	VRX576USB	VRX376USB	VB476
MEDIA					
DVD±R/DVD±RW/CD-R/CD-RW ready	DVD VIDEO DivX® (CD/DVD)	● -	● -	● ●	● -
Compressive audio media via disc slot	VIDEO CD MP3 (CD/DVD) WMA (CD/DVD)	● ● ●	● ● ●	● ● ●	● ● ●
USB slot	MP3 WMA AAC				
TUNER					
Station presets		18FM,6AM	18FM,6AM	18FM,12AM	18FM,12AM
Variable band width	●		-	-	-
AUDIO					
Subwoofer level control	●	●	●	●	-
2-Zone entertainment: front and rear separate source control	●	●	(Only visual source)	(Only visual source)	●
D/A converter quality	24-bit	24-bit	24-bit	24-bit	-
Z-Enhancer Plus sound customisation	-	-	●	●	-
Parametric equaliser	3BAND	3BAND	2BAND	2BAND	-
Built-in HPF	-	-	120Hz/ THROUGH	120Hz/ THROUGH	-
Built-in LPF	-	-	50Hz/80Hz/120Hz/THROUGH	50Hz/80Hz/120Hz/THROUGH	-
MAGNA BASS EX	●	●	●	●	-
Built-in amplifier canceller	-	-	●	●	-
Shock proof memory	●	●	●	●	-
High power	MOS-FET 4 x 50W	MOS-FET 4 x 50W	MOS-FET 4 x 50W	MOS-FET 4 x 50W	4 x 45 W
APPEARANCE					
Full-loading / Motorised sloping console	Full-loading	Motorised sloping console	Full-loading	Motorised sloping console	Flip-down console
Tilt	●	●	●	●	-
Touch panel control	●	●	●	●	-
Display size	7" LCD	7" LCD	7" LCD	3.5" LCD	-
Display character	QVGA	QVGA	QVGA	QVGA	-
Adjustable display contrast/brightness	●	●	●	●	-
Screensaver	●	●	-	-	-
Dimmer	●	●	●	●	●
CONNECT					
Video line-in	1	1	1	1	-
Video line-out	Front Rear	- 1	- 1	1 1	1 1
Auxiliary audio input	2ch	2ch	2ch	2ch	2ch
Audio input sense	(LOW/MID/HI)	(LOW/MID/HI)	(LOW/MID/HI)	(LOW/MID/HI)	-
Audio pre-out voltage	2V	2V	2V	2V	2V
Audio pre-out	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch
Audio pre-out for 2-Zone	2ch	2ch	2ch	2ch	-
Rear camera direct input	(via RCA)	●	(via RCA)	(via RCA)	-
iPod® direct connector	(CCA673/670)	(CCA673/670)	(CCA691)	(CCA691)	-
EXTENSION					
CeNET CD changer control	●	●	-	-	-
CeNET TV tuner control	●	●	-	-	-
CeNET DVD changer control	●	●	-	-	-
CeNET 5.1ch decoder control	●	●	-	-	-
AUX Bluetooth® audio/mobile-phone transceiver BLT370 ready	●	●	●	●	-
OTHERS					
Remote controller included	●	●	●	●	●
Remote control sensor	●	●	●	●	●
OEM steering wheel remote capability	●	●	●	●	-
Detachable control panel	●	-	●	●	-
CATS for anti-theft	-	-	-	-	-

iPod connecting list

	iPod Video (30GB/80GB)	iPod nano Full-Remix (2GB/4GB/8GB)	iPod Video	iPod nano	iPod Photo	iPod (click wheel)	iPod mini
CCA-673	MAX676VD/VRX776VD	Y	Y	Y	Y (audio only)	Y	Y
CCA-691	VRX576USB/VRX376USB	Y	Y	Y	Y (audio only)	Y	Y
CCA-670	MAX676VD/VRX776VD	Y (audio only)	Y (audio only)	Y (audio only)	Y (audio only)	Y	Y
EA1276	07 CeNET audio	Y (audio only)	Y (audio only)	Y (audio only)	Y (audio only)	Y	Y
EA1251*	06 CeNET audio	Y (audio only)	Y (audio only)	Y (audio only)	Y (audio only)	Y (audio only)	Y
BC001N+DGL370	FB276BT/BLT370	-	-	-	-	-	-
BC002M+DGL370	FB276BT/BLT370	-	-	-	-	-	Y
BC003V+DGL370	FB276BT/BLT370	-	-	Y	-	-	-

*control via CD changer mode

07 SOURCE UNITS

THE LINK BETWEEN YOU AND YOUR MUSIC

Music is more than just sound, it's a personal life style. From hip-hop, reggae, jazz and even disco, we all move to the beat of a different drum. With the options for having your music at your side becoming more diverse, Clarion has adopted an 'Any Source, Any Time' way of thinking. With provisions for USB memory devices, SD card slots, front panel auxiliary inputs and easy to use iPod® interfaces, there's no portable device you can't enjoy through your audio system.



Complete Control of your iPod®

The EA1276 interface takes iPod integration to another level. Featuring the capability of navigating through playlist, album, artist or song. The EA1276 will charge the battery in your iPod as you listen, so you'll be ready to go when you arrive at your destination.



AUX (Input) Terminal in Front for Quick Connection with Portable Music Players



Plug it in and turn it up! Connect any portable audio device or even a portable satellite navigation system with ease. The front panel auxiliary input featured on several source units provides connectivity with clarity.

USB Terminal to Increase Connectivity to Variety of Peripheral Devices

Drag and drop - that's all you have to do to copy your music collection onto a USB memory stick. Then simply plug it in to your Clarion USB-enabled product and listen to countless hours of your favourite music. For 2007, Clarion USB-enabled source units will allow you to access 15,000 songs from a single USB device and view ID3 tag information to let you know what you're listening to.

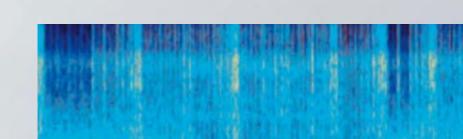
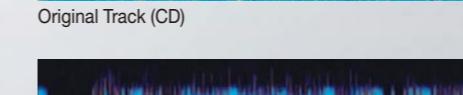
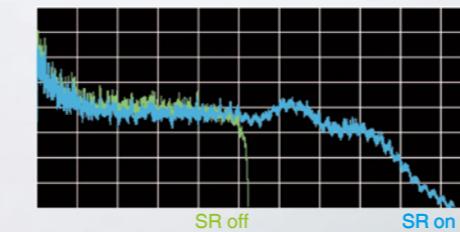


Support of Wide Variety of Digital Era Media and Compression Formats

Buying music online is as easy as a click of the mouse. Now, playing that music is just as easy. Clarion adds Apple iTunes® AAC file support to our existing MP3 and WMA compressed digital audio compatibility.

"Sound Restorer" to Complement Lost Sound Contents during Compression

When audio files are compressed into MP3, WMA, or AAC formats, every attempt is made to remove only that information which is not easily heard, this is called perceptual encoding. The drawback is that frequencies over 10kHz are often lost or distorted. Clarion's exclusive "Sound Restorer" processing recreates those subtle nuances and harmonics back into the recording. Compressed music files, won't sound like compressed music.



"Sound Restorer" ON



SLIDETRAK Sideways Control

Clarion takes HMI to the next level with SLIDETRAK for precise control of key features on the main unit. Simply swipe your fingertip to easily adjust the volume. Preset radio stations and CD track controls are also incorporated into the multifunctional display, so you can navigate through preset stations or select your favourite music track by sliding your finger to a side of the display. SLIDETRAK also maximises available space on the main unit to create a large, easy-to-read display.

SHOOTING STAR : Buttons Designed to Associate with an Image of Shooting Stars

Advances in HMI design take many forms. The new DB1276MP through DXZ476MP feature our new Shooting Star control panel design. Shooting Star puts all the controls as close as possible to the driver and allows for a larger, easier to read LCD display that contains more information. A centrally located rotary volume knob punctuates this advanced design.



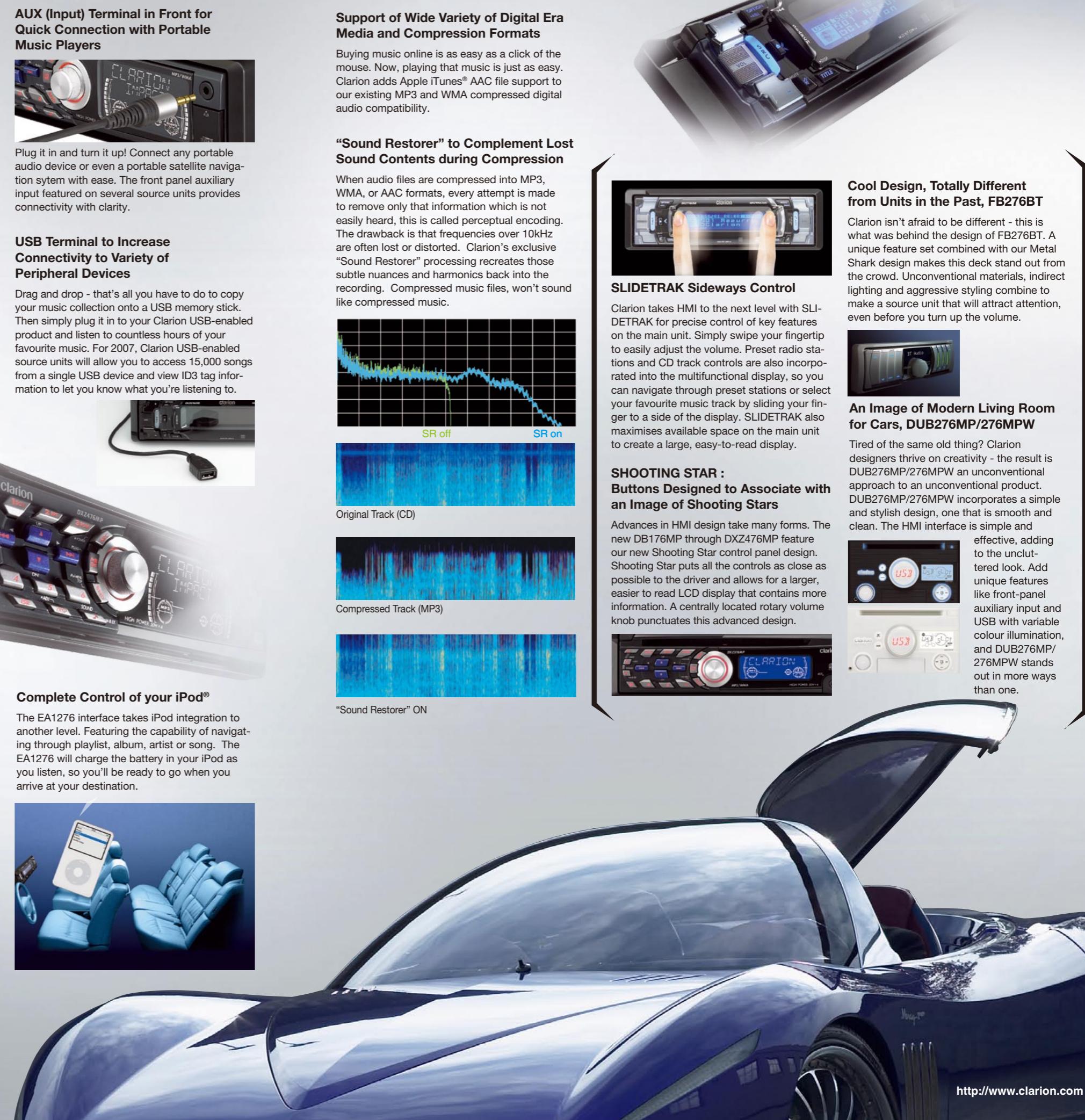
Cool Design, Totally Different from Units in the Past, FB276BT

Clarion isn't afraid to be different - this is what was behind the design of FB276BT. A unique feature set combined with our Metal Shark design makes this deck stand out from the crowd. Unconventional materials, indirect lighting and aggressive styling combine to make a source unit that will attract attention, even before you turn up the volume.



An Image of Modern Living Room for Cars, DUB276MP/276MPW

Tired of the same old thing? Clarion designers thrive on creativity - the result is DUB276MP/276MPW an unconventional approach to an unconventional product. DUB276MP/276MPW incorporates a simple and stylish design, one that is smooth and clean. The HMI interface is simple and effective, adding to the uncluttered look. Add unique features like front-panel auxiliary input and USB with variable colour illumination, and DUB276MP/276MPW stands out in more ways than one.



IMMERSE YOUR SENSES IN SOUND

From the solid look and feel of the edge-lit control panel to the simplicity of the central volume control - the FB276BT breaks all previous source unit stereotypes. Clarion's advanced HMI design launches a new era in mobile source units with FB276BT and DUB276MP.

Intuitive Design

The FB276BT is like no other source unit - with its intuitive HMI design that minimises the number of buttons while maximizing functionality. Each button is large and easy to use, while at the same time appearing to not exist at all.

Cutting Edge Style

Indirect lighting on the FB276BT makes each of the arched buttons appear to float, adding to the mystique of the Metal Shark design. A mirror finish surrounds the bottom half of the illuminated rotary volume control.

Connectivity

The next evolution in mobile audio - no moving parts. FB276BT features an SD card slot behind the folding control panel. Simply copy your favourite songs from your PC to an SD card, and you are ready to go with hours of music. You can also connect your Bluetooth® enabled cellular phone, PDA or iPod (with the Clarion DGL370 Blue-tooth audio transmitter and Cradle for iPod BC001N/002M/003V) for even more music choices. The revolution is here and its name is FB276BT.

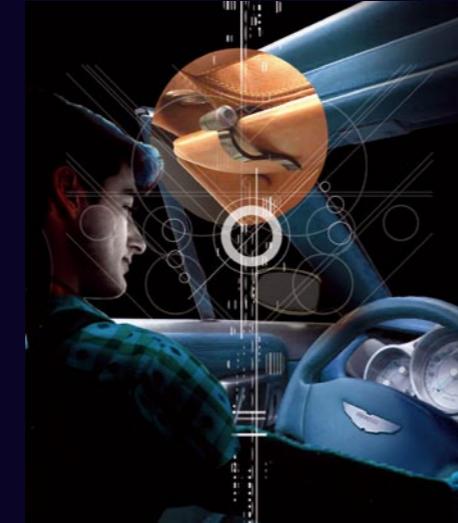


Advanced functions such as hands-free calling and enhanced media links are combined.

The built-in Bluetooth receiver allows you to enjoy hands-free calling with a mobile phone using the 3.5-mm connector for commercially available microphones. Furthermore, a built-in SD slot makes playing music from outside sources easy, and an ID3-TAG Display allowing for simple manipulation of compressed formats such as MP3 is employed. In addition, the 728-Variable Color Illuminated keys provide brilliant illumination for your interface.

Unique Concept

From the theoretical stage to the drawing board and on to final production - the concept of the FB276BT was to encompass sleek, bold styling. Finished in white acrylic, the four curved buttons on each side of the central rotary volume control mimic the gills of the Master of the Sea. Bold, brazen and beautiful at the same time - this is the Metal Shark concept.



FB276BT

FB276BT and DUB276MP are the ultimate harmony of function and design. Their looks are not only highly stylized, but designed to make them easier to use. They are at the same time raw and natural while being elegant and state of the art. Clarion breaks down all the barriers with advanced HMI designs.

The most unique and advanced Human Machine Interface ever

FB276BT

Bluetooth SD/MP3 RECEIVER

- SD slot • MP3 Compatible with ID3-TAG display • Built-in Bluetooth interface • 18 FM Presets • 50W x 4 Built-in Amplifier • Flip-down control panel • 728-variable colour Illuminated design • RCA Auxiliary Input • 2ch/2V RCA Output • External Microphone included • Bluetooth : Headset profile (HSP), Advanced Audio Distribution Profile(A2DP), Audio Video Remote Control Profile (AVRCP) • Detachable control panel

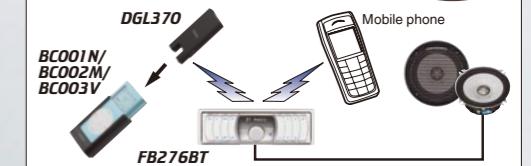


CEA 2006 Power Ratings
21W x 4 RMS (4Ω@14.4V, ≤1% THD+N)
S/N 87dB (Ref:1W into 4Ω)



* Bluetooth

Bluetooth system example



Clean, Simple and Elegant - a new concept for your car

Clarion's product designers worked hard to minimize the number of buttons on the DUB276MP while maximizing its functionality. The result is a source unit that is simple and stylish in design, while offering leading edge technology, connectivity and performance. Presenting DUB276MP - a 2-DIN AM/FM CD/USB source unit with a look like no other.

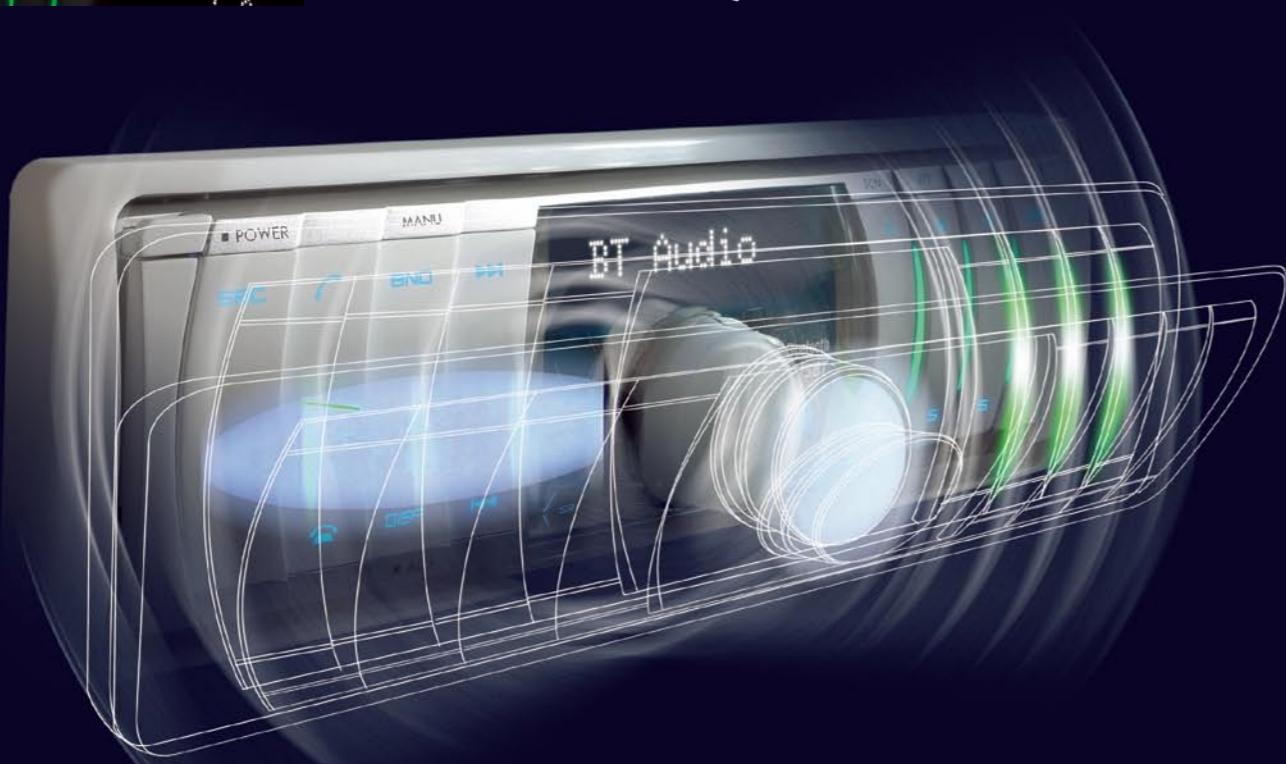
DUB276MP

2-DIN CD/USB/MP3/WMA RECEIVER

- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • Front USB slot
- 18 FM/ 6 AM Presets • Z-Enhancer sound customization • MAGNA BASS EX dynamic bass enhancement • 50W x 4 Built-in MOS-FET Amplifier • High visibility single line display with Screensavers • 728-variable color display and illuminated keys • Front panel 3.5mm Auxiliary Input • 2ch/2V RCA Output • Bluetooth Interface Ready (Optional BLT370)



CEA 2006 Power Ratings
19W x 4 RMS (4Ω@14.4V, ≤1% THD+N)
S/N 79dB (Ref:1W into 4Ω)



USB Input for Compressed Digital Audio

The DUB276MP is ready for your USB memory stick. This source unit can handle 15,000 digital audio files. File names can be up to 28 characters long, and folder names can be up to 16 characters long.



Multi-colour Buttons

Clarion offers two source units in 2007 that allow users to adjust the RGB levels to cosmetically harmonise the look of their radio to the vehicle's dashboard and gauge cluster illumination. Users can choose from 728 colour possibilities.



Available in Limited Edition White
This limited release item is sure to turn heads with its stunning white finish giving the perfect backdrop to its brilliant 728 colour lighting.



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.



Clarion's HX-D2 main unit takes you into the recording studio



HX-D2

CD RECEIVER/CeNET CONTROL



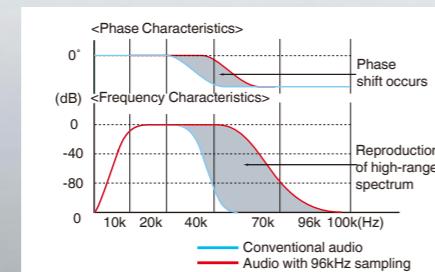
- Dual 24-bit / 96kHz sampling digital to analogue burr-brown converters and DSP
- Built-in 4-way crossovers
- 5-band parametric equaliser
- Digital time alignment for each line level output
- 8-channel/4-volt gold plate oxygen-free audio pre-out
- 0.5dB-step electronic volume adjustment circuit
- Copper plated chassis
- External DC/DC converter
- CeNET control of: DVD changer, 6-disc CD changer & TV tuner
- iPod® control capability via optional EA1251
- 2 x 2-channel auxiliary inputs
- Zinc die-cast faceplate
- Fibre optic input/output
- Vacuum fluorescent display
- 18FM, 6AM station presets

96kHz Sampling D/A Converter

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.

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 (99.999% Oxygen-Free) Copper RCA

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 neighbourhood of 20kHz.

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.

Copper Plated Chassis prevents sound deterioration

The HXD2 was designed with 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.

The DXZ776USB is ready when you are - with more source connections and format capabilities than any before it. A 728-colour motorised DCP with "SLIDETRAK" controls serves as your interface to USB and Bluetooth® connectivity. If your music is digital, the DXZ776USB is ready with MP3/WMA and AAC playback capabilities from CD-R/RW or a USB memory stick. It joins together a 3-way crossover network, 6-volt/6-channel audio pre-out, 24-bit D/A converter and digital time alignment control with dynamic sound to enable flexible sound customisation and awesome sound in your car.

A source unit for the digital age



SLIDETRAK Controls



DXZ776USB

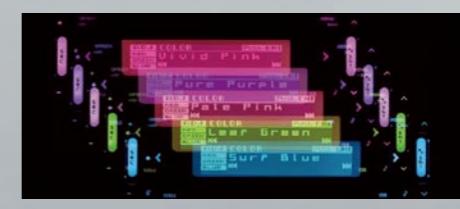
CD/USB/MP3/WMA/AAC RECEIVER/CeNET CONTROL



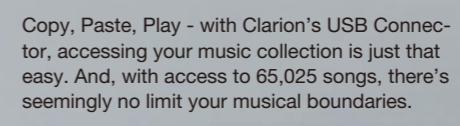
- CD-R/RW ready • MP3, WMA and iTunes® AAC compatible with ID3-TAG display • USB connector • Maximum track capacity: 65,025 (255 tracks in 255 folders) • 18 FM, 6 AM station presets
- DSP tuner with variable bandwidth • iPod® control capability via optional EA1276 • Subwoofer level control • 24-bit D/A converter • Sound Restorer • Digital Z-Enhancer sound customisation • Digital time alignment control • 3-way active crossover • 3-band parametric equaliser
- Built-in High-pass filter & Low-pass filter
- Built-in amplifier canceller • 4-channel × 53 watts of MOS-FET amplification • Motorised sloping console • 728-variable colour display and illuminated keys • Full dot display with Screen-savers • "SLIDETRAK" for dynamic operation
- Mobile Phone input and mute • Auxiliary input with level control • 6-volt / 6-channel audio pre-out • CeNET control of: DVD changer, TV tuner, 6-disc CD changer and iPod® • AUX Bluetooth transceiver BLT370 ready • OEM steering wheel remote wired interface capability • Detachable control panel



SLIDETRAK



728-Variable Colour



USB Connector

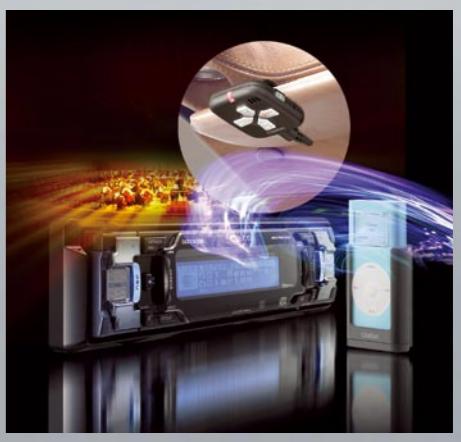
Copy, Paste, Play - with Clarion's USB Connector, accessing your music collection is just that easy. And, with access to 65,025 songs, there's seemingly no limit to your musical boundaries.

Time Alignment

To achieve optimum sound positioning, ideally each speaker should be located equidistantly from the listener. However, it is almost impossible to realise this in the environment of a car. Digital Time Alignment works to virtually change speaker distances, thus creating a seemingly optimal sound field. Adjustment is possible from 0 to 501.4 cm in 2.3 cm steps.

Bluetooth-ready

Hands-free conversations on Bluetooth-ready mobile phones greatly supports safer driving. Conversations are possible via wireless connection of a Bluetooth capable phone to the vehicle audio system. With Bluetooth-ready iPod cradles available to suit the BLT370, music from and control of the iPod can be carried out through the controls of the main unit.



Digital sound has never sounded so good. With Clarion's Sound Restorer signal processing and a 24-bit DAC - the result is music so pure, so detailed, it will be like it's the first time you've heard it.

Experience your music like never before

DXZ676USB

CD/USB/MP3/WMA/AAC
RECEIVER/CeNET CONTROL



- CD-R/RW ready • MP3, WMA and iTunes® AAC compatible with ID3-TAG display • Rear USB connector • Maximum track capacity: 65,025 (255 tracks in 255 folders) • 18 FM, 6 AM station presets
- iPod® control capability via optional EA1276 • Subwoofer volume control • 24-bit D/A converter • Sound Restorer • Digital Z-Enhancer sound customisation • 2-band parametric equaliser • MAGNA BASS EX dynamic bass enhancement • Built-in High-pass filter & Low-pass filter • 4-channel × 53 watts of MOS-FET amplification
- Motorised sloping console • Full dot display with Screensavers • "SLIDETRAK" for dynamic operation • Mobile Phone input and mute • Auxiliary Input with level control
- 6-volt/6-channel audio pre-out • CeNET Control of: DVD changer, TV tuner, 6-disc CD changer, and iPod • AUX Bluetooth transceiver BLT370 ready • OEM steering wheel remote wired interface capability • Detachable control panel

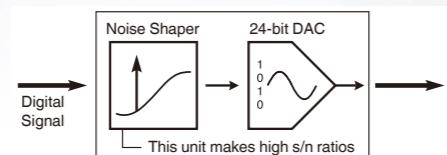


24-Bit D/A Converter

Conventional D/A Converters just can't compare to Clarion's 24-Bit DAC with Noise Shaper. The result of years of engineering, this new D/A features a 24-bit D/A Converter combined with incredible 128x over sampling to realise detailed high frequency reproduction and incredible S/N ratios. Experience your favourite music like you've never heard it before.

Sound Restorer

Hear your music the way it was meant to be heard. Clarion's Sound Restorer recreates the high frequency information that is lost during compression. The result is clear and detailed sound - the way it was meant to be heard.



Bluetooth® Ready

Talk on your mobile phone or enjoy your favourite album - wirelessly. Simply connect the BLT370 Bluetooth interface to your DXZ676USB for high quality, wireless audio.



MP3/WMA/iTunes® AAC Compatible with ID3-TAG Display

Formats like MP3 and WMA, are said to be the de facto standard for compression, as well as AAC with higher compression ratio are supported. This facilitates enjoyment of music data downloaded from music stores on the internet. The ID3-TAG display function offers information about the song title, artist, or album name on the screen of your Clarion source unit.

Full-dot LCD Display

The HMI display in the DXZ676USB features a full-dot LCD designed to provide information that is easy-to-read and incredibly detailed.

Digital Z-Enhancer

Clarion's Digital Z-Enhancer controls P-EQ, HPF, and LPF through the DSP, allow 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 so that it matches your speaker system or music source perfectly.

4 x 53W MOS-FET Power Amplifier

MOS-FET chips, known to have superior performance as power amplifier audio components, are employed in 4 x 53W high power amplifiers. MOS-FETs' linear and low-distortion performance drastically improves S/N ratio at higher frequency ranges, which are more susceptible to noise, allowing the listeners to enjoy sound reproduction ever closer to the original sound as intended by the musician.



The DXZ576USB offers features and connectivity second to none. This unit integrates an incredibly convenient front-panel USB slot with our new "SLIDETRAK" control for an interface that's unrivaled in performance. Clarion's advanced R&D team have outfitted this source unit with 24-bit DAC for pure, detailed sonic reproduction and our Digital Z-Enhancer and Sound Restorer signal processing. The result is a source unit that offers all the features you want, combined with stunning sonic performance.

Front panel USB puts your music close at hand

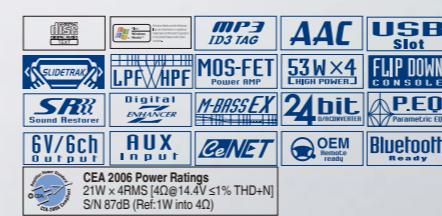
DXZ576USB

CD/USB/MP3/WMA/AAC RECEIVER/
CeNET CONTROL



USB Interface (Directly Available) via the Front Slot

International interface standard for connection with peripheral devices, USB (Universal Serial Bus), is supported and USB slot is located on the front. It facilitates connection with a wide range of devices and with USB memories, as well as data transfer of up to 65,025 music files with a simple plug-in.



- CD-R/RW ready • MP3, WMA and iTunes® AAC compatible with ID3-TAG display • Front USB slot • Maximum track capacity: 65,025 (255 tracks in 255 folders) • 18 FM, 6 AM station presets • iPod® control capability via optional EA1276 • Subwoofer level control • 24-bit D/A converter • Sound Restorer • Digital Z-Enhancer sound customisation • 2-band parametric equaliser • MAGNA BASS EX dynamic bass enhancement • Built-in High-pass filter & Low-pass filter • Built-in amplifier canceller • 4-channel × 53 watts of MOS-FET amplification
- Flip-down console • High visibility 2-line display with Screensavers • "SLIDETRAK" for dynamic volume control • Mobile Phone input and mute • Auxiliary input with level control
- 6-volt/6-channel audio pre-out • CeNET control of: DVD changer, TV tuner, 6-disc CD changer and iPod • OEM steering wheel remote wired interface ready • AUX Bluetooth transceiver BLT370 ready • Detachable control panel

High-pass/Low-pass Filter

You can set the frequency range of the audio signal that's output to each channel to best match the acoustic characteristics of the front, rear, centre speaker, and subwoofer.

AAC file playback

Thanks to iTunes, keeping your music library in order is simple. In 2007, all Clarion source units with a USB port support playback of all major audio file formats via USB or CD. Just Copy, Paste & Play - with Clarion's USB Connector, accessing your music collection is just that easy. Enjoying your digital music has never been so simple!

Bluetooth

The design of the BLT370 makes it compatible with all new 2007 CD source units. Now all can enjoy hands-free communication from your mobile phone and streaming audio for any compatible device. Clarion even offers a solution for your iPod Mini, Video and Nano.



SLIDETRAK

Clarion takes H.M.I. to the next level with SLIDETRAK for precise control of key features on the main unit. Simply swipe your fingertip to easily adjust the volume. Preset radio stations and CD track controls are also incorporated into the multifunctional display, so you can navigate through preset stations or select your favourite music track by sliding your finger to a side of the display. SLIDETRAK also maximises available space on the main unit to create a large, easy-to-read display.

Sound Restorer

Compression formats like MP3, WMA and AAC achieve more efficient compression by sacrificing high frequency range above 10KHz. "Sound Restorer" complements this lost content by way of extracting harmonic overtone elements from the compressed data and reproduction quasi equal to the original.

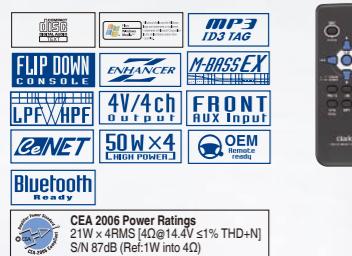


The new DXZ476MP features Clarion's new Shooting Star DCP design. We've gathered all the frequently used controls and put them as close as possible to the driver for ease of operation. Organising the controls on the left side of the DCP allows for a large easy to read display. This enables the driver to see station or track information with minimal distraction from the road. Additionally, a precision rotary volume control knob is centrally located for optimum control from either the driver or passenger side seat. Clarion combines form, functionality, and style with our Shooting Star design.

Your music never looked so good

DXZ476MP

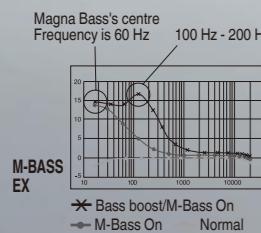
CD/MP3/WMA RECEIVER/
CeNET CONTROL



- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM, 6 AM station presets • iPod® control capability via optional EA1276 • Subwoofer volume control • Z-Enhancer sound customisation • MAGNA BASS EX dynamic bass enhancement • Built-in High-pass filter & Low-pass filter • Built-in amplifier canceller • 4-channel x 50 watts amplification
- Flip-down console • High visibility 2-line display with Screensavers • Mobile Phone input and mute • Front-panel auxiliary Input • 4-volt/4-channel audio pre-out • CeNET Control of: DVD changer, TV tuner, 6-disc CD changer and iPod®
- OEM steering wheel remote wired interface ready • AUX Bluetooth transceiver BLT370 ready
- Detachable control panel

Magna Bass EX

Clarion's Magna Bass boosts bass in a band centred at 60 Hz—lower than that of ordinary loudness circuits at around 100 Hz—to provide extra low-frequency impact. Now, Clarion's new Magna Bass EX boosts the bass by nearly 10 dB at even lower frequencies around 60 Hz. It even automatically compensates for your volume level to ensure well-balanced dynamic bass at any level.



High-pass/Low-pass Filter

You can set the frequency range of the audio signal that's output to each channel to best match the acoustic characteristics of the front, rear, centre speaker, and subwoofer.

iPod Control

Seamlessly connecting to your iPod, the EA1276 delivers complete control of your favourite tunes from your iPod's library through the speakers in the car. Control your iPod via the main unit screen, as if the iPod were a part of your car audio system.

Front Panel Auxiliary

Who would have thought that something so simple could be so useful? All Clarion CD source units feature an auxiliary input, but the 1,3 & 4 series units put it right on the front panel. Plug in your portable music player and enjoy music the way it was meant to be heard.



High Visibility Display

The 13-Segment, 2-line display on the DXZ-476MP makes setting up your source unit easier than ever. With the ability to display text characters as well as numbers, you can just as easily see the name of the track that is playing or check the time. And with its high contrast white on black design, it's easy to see under any lighting conditions.

Bluetooth

The design of the BLT370 makes it compatible with all of the new 2007 CD source units. Now everyone can enjoy hands-free communication from their mobile phone or stream audio from compatible devices. Clarion even offers a solution for your iPod Mini, Video and Nano.



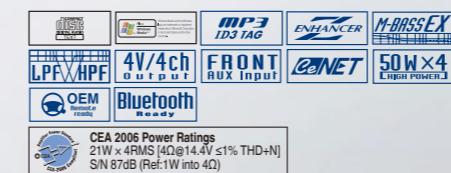
Advances in HMI design take many forms. The new DXZ376MP through DB176MP feature our new Shooting Star control panel design. Shooting Star puts all the controls as close as possible to the driver and allows for a larger, easier to read LCD display that contains more information. A centrally located rotary volume knob punctuates this advanced design.

Sound quality and unique style...



DXZ376MP

CD/MP3/WMA RECEIVER /
CeNET CONTROL



TV tuner, 6-disc CD changer and iPod • OEM steering wheel remote wired interface capability • AUX Bluetooth transceiver BLT370 ready



DB176MP

CD/MP3/WMA RECEIVER

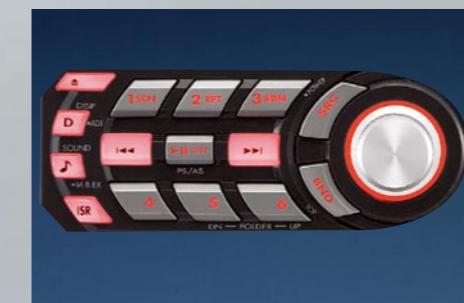


Bluetooth

Hands-free calls on your mobile phone supports safe driving. Wireless pairing with the source unit enables you to make calls using your car's system. Furthermore, pairing your iPod allows you to play music and control your iPod via your car stereo system without the need for a cord.

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. This popular feature makes it possible to enjoy up to 12 hours of music with CD sound quality.



SHOOTING STAR AUDIO CONTROLLER : Safer control of your audio system via buttons designed to associate with an Image of Shooting Stars

Advances in HMI design take many forms. The new DB176MP through DXZ476MP feature our new Shooting Star control panel design. Shooting Star puts all the controls as close as possible to the driver and allows for a larger, easier to read LCD display that contains more information. A centrally located rotary volume knob punctuates this advanced design. Thanks to the "one touch" design of the shooting star concept, when you reach for the controls, your hand won't obscure the display while you're changing tracks or making adjustments.

Bluetooth® technology allows hands-free operation of your mobile phone via a wireless connection to provide safer communication while on the road. Speak with your hands firmly on the wheel and the other party will hear you. You, likewise, hear the person you are talking to from your car's speakers. What's more, our Bluetooth® ready iPod® cradle lets you listen to and control the music from your iPod® via the BLT hands free car kit.

Bluetooth technology in the car makes communication and entertainment easier and safer



BLT370

Bluetooth AUDIO/MOBILE-PHONE TRANSCEIVER FOR AUX INPUT

- Headset and hands-free profile
- Bluetooth Audio-streaming and remote-control capability
- Bluetooth audio transmitter DGL370 ready
- Built-in microphone for hands-free use
- Convenient sunvisor mount

*Compatible with MAX676VD, VRX776VD, VRX576USB, VRX376USB, DXZ776USB, DXZ676USB, DXZ576USB, DXZ476MP, DXZ376MP, DXZ276MP and DB176MP



Transmitter

Transmits digital media player audio output through Bluetooth-Audio-Streaming (A2DP) to the receiver. Compatible with iPod cradle or minijack input for all kinds of portable players.



DGL370

Bluetooth AUDIO TRANSMITTER



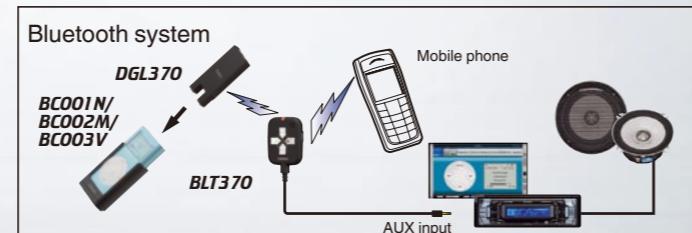
Cradle

Docking cradle for Bluetooth audio transmitter DGL370. Available for iPod Nano "BC001N", Mini "BC002M" & Video "BC003V"

BC001N/BC002M/BC003V
CRADLE FOR iPod nano/mini/Video

iPod® & Bluetooth®

The lineup features iPod cradles to match a diverse range of iPods including iPod nano, iPod mini, and iPod with video. Just slide the iPod into the iPod cradle and set up the iPod dongle that emits a Bluetooth signal and you are ready to easily listen to music from your iPod on your car stereo.



Direct iPod connection



CeNET - iPod Interface

Interfaces to enjoy complete control of your iPod



EA1276

iPod CONNECTING UNIT FOR DXZ776USB, DXZ676USB, DXZ576USB, DXZ476MP, DXZ376MP and DXZ276MP

Interfaces to enjoy iPods with simple operation as with CD Auto-changers



EA1251

iPod CONNECTING UNIT FOR WXZ466MP and HX-D2

*Compatible with '06 or older CeNET Models

From the clean and simple look of the DUB276MP, to the feature laden, high-tech DFZ667MC, we've got your 2-DIN solution. Features like Music Catcher II, front-panel auxiliary inputs, SD card slots and 728 color button illumination to seamless music integration with all your compressed digital music - nobody does 2-DIN like Clarion.

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

DFZ667MC

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



- 728-variable colour • Music Catcher II CD recorder and SD slot • iPod® control capability via optional EA1276 • Digital Z-Enhancer
- MAGNA BASS EX dynamic bass enhancement
- 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 • CeNET control of: DVD Changer, TV tuner, 6-disc CD changer and iPod® • 4-channel audio pre-out • Front panel auxiliary input • Active screensavers



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 Screensavers
- CATS: Theft prevention system with personal code
- CeNET Control of: DVD changer, TV tuner, 6-disc CD changer and iPod • 4-channel audio pre-out • Auxiliary input with level control • CeNET iPod interface compatible (EA1251 is required)



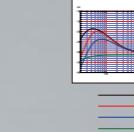
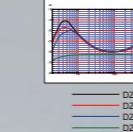
Built-in 6-disc CD Changer & MP3/WMA File Playback



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

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.



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.

seat position	setting	Right		Left	
		Distance	Sample	Distance	Sample
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

Source unit feature comparisons

CASSETTE RECEIVER**AX330**

CASSETTE RECEIVER/C-BUS CONTROL



- C-BUS 6-CD changer control(DC625)
- 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.

**DCZ625**

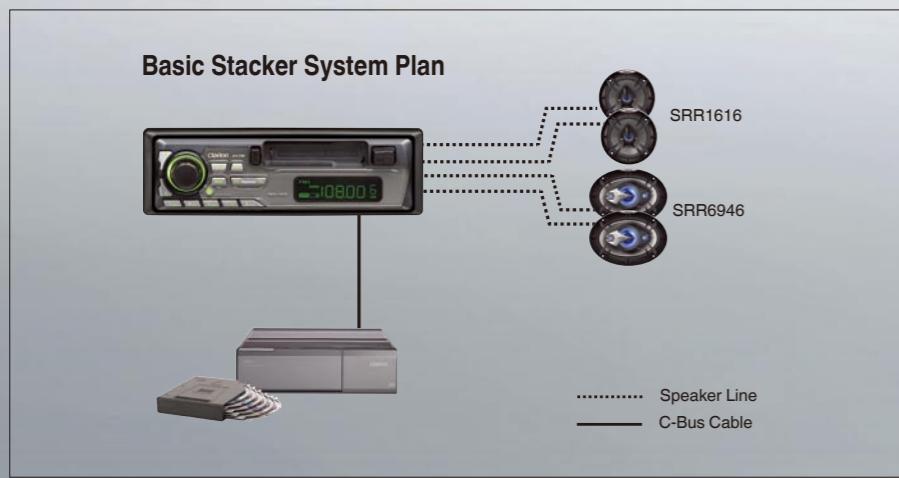
6-DISC CD CeNET CHANGER

- 6-disc magazine • CD-R/RW ready
- 8 x oversampling digital filter • Horizontal or vertical mounting capability
- Fibre optical digital output

DC625

6-DISC CD C-BUS CHANGER

- 6-disc magazine • CD-R/RW ready • Horizontal or vertical mounting capability



	HX-D2	DXZ776USB	DXZ676USB	DXZ576USB	DXZ476MP	DXZ376MP	DB176MP	DUB276MP/276MPW	WXZ466MP	DFZ667MC	FB276BT
MEDIA	CD-R/RW ready	CD-R/CD-RW	●	●	●	●	●	●	●	●	
	Compressive audio media (MP3/WMA/AAC) via disc slot	MP3 WMA AAC	-	●	●	●	●	●	●	●	
USB slot	MP3	MP3	●	●	●	●	●	●	●	●	
	WMA	WMA	●	●	●	●	●	●	●	●	
	AAC	AAC	●	●	●	●	●	●	●	●	
SD slot	MP3	MP3									
	WMA	WMA									
Built-in Bluetooth	Headset and hands-free profile		-	-	-	-	-	-	-	-	●
	Audio-streaming and remote-control profile		-	-	-	-	-	-	-	-	●
TUNER	Station presets	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM/6AM	18FM
	Variable band width	-	●	●	●	●	-	-	-	-	-
AUDIO	Subwoofer level control	-	Y (in AUDIO MODE)	Y (in AUDIO MODE)	Y (in AUDIO MODE)	Y (in AUDIO MODE)	Y (in AUDIO MODE)	Y (in AUDIO MODE)	Y (in AUDIO MODE)	Y (in AUDIO MODE)	-
	D/A converter quality	Burr Brown 24-bit	24-bit	24-bit	24-bit	1-bit	1-bit	1-bit	1-bit	24-bit	1-bit
	Sound Restorer	-	●	●	●	-	-	-	-	-	-
	Z-Enhancer sound customisation	-	-	-	-	●	●	●	●	-	●
	Digital Z-Enhancer sound customisation	-	●	●	●	-	-	-	●	●	-
	Digital time alignment control	●	●	-	-	-	-	-	-	-	-
	X-over	●	(2WAY or 3WAY)	-	-	-	-	-	-	Listening Position Optimiser	Listening Position Optimiser
	Parametric equaliser	5 BAND	3 BAND	2 BAND	2 BAND	-	-	-	Graphic Equaliser (8band-G-EQ)	2 BAND	-
	MAGNA BASS EX (50Hz, 10dB BOOST) depend on volume level	-	-	●	●	●	●	●	●	●	-
	Built-in HPF	●	THROUGH/50Hz/ 80Hz/120Hz	50Hz/80Hz/120Hz/ THROUGH	50Hz/80Hz/120Hz/ THROUGH	120Hz/THROUGH	120Hz/THROUGH	-	-	-	-
	Built-in LPF	●	THROUGH/16Hz- 250Hz 1/3oct STEP	50Hz/80Hz/120Hz/ THROUGH	50Hz/80Hz/120Hz/ THROUGH	50Hz/80Hz/120Hz/ THROUGH	50Hz/80Hz/120Hz/ THROUGH	-	-	-	-
	Built-in amplifier canceller	●	●	●	●	●	●	-	-	-	-
	High power	-	MOS-FET 4 x 53W	MOS-FET 4 x 53W	MOS-FET 4 x 53W	4 x 50W	4 x 50W	4 x 50W	MOS-FET 4 x 50W	MOS-FET 4 x 50W	4 x 50W
	Rated power	-	4 x 31W (DIN45324, +B=14.4V)	4 x 31W (DIN45324, +B=14.4V)	4 x 31W (DIN45324, +B=14.4V)	4 x 25W (DIN45324, +B=14.4V)	4 x 25W (DIN45324, +B=14.4V)	4 x 25W (DIN45324, +B=14.4V)	4 x 25W (DIN45324, +B=14.4V)	4 x 27W (DIN45324, +B=14.4V)	4 x 17W
APPEARANCE	Motorised sloping console/Flip-down console	-	●/-	●/-	-●	-●	-	-	-	-	-●
	Display and button illumination colour	-	728 Variable	WHITE	WHITE	WHITE	WHITE	WHITE	728-Variable	WHITE	728-variable
	Display character	VF display	FULL DOT	FULL DOT	13seg x 10 x 2-line	13seg x 8	13seg x 8	13seg x 8	VF display with Spectrum Analyser	LCD	Dot Matrix
	Contrast/brightness adjustment	-/-	●/-	●/-	●/-	●/-	●/-	●/-	-/-	-/-	●●
	Screensaver	-	●	●	●	●	●	●	●	●	-
	Message information	-	●	●	●	●	●	●	●	●	-
	Dimmer (Display / button)	-	●	●	●	●/-	●/-	●/-	●/-	●/-	●
	Rotary volume control	-	-	-	-	●	●	●	●	●	-
	SLIDETRAK for dynamic operation	-	●	●	●	-	-	-	-	-	-
CONNECT	Phone mute	-	●	●	●	●	●	●	-	-	-
	Auxiliary input	REAR 2ch	REAR 2ch	REAR 2ch	REAR 2ch	Front	Front	Front	REAR 2ch	Front	Rear 2ch
	Audio input sense	● (LOW/MID/HI)	● (LOW/MID/HI)	● (LOW/MID/HI)	● (LOW/MID/HI)	● (LOW/MID/HI)	● (LOW/MID/HI)	● (LOW/MID/HI)	● (LOW/MID/HI)	● (LOW/MID/HI)	-
	Audio pre-out voltage	Max. 8V	6V	6V	6V	4V	4V	2V	2V	2V	2V
	Audio pre-out	8ch	F2ch+R2ch+SW2ch h(gold)[NORMAL] or H2ch+M2ch+S W2ch[3way] or H2ch+M2ch+R ear2ch[2way]	F2ch+R2ch + SW2ch	F2ch+R2ch + SW2ch	F2ch+R2ch	F2ch+R2ch	R2ch	F2ch+R2ch	F2ch+R2ch	R2ch
EXTENSION	CeNET CD changer control	●	●	●	●	●	●	-	●	●	-
	CeNET DVD changer control	-	●	●	●	●	●	-	●	●	-
	CeNET TV tuner control (ANALOGUE)	●	●	●	●	●	●	-	●	●	-
	CeNET iPod interface EA1276 control (EA1251)	●	●	●	●	●	●	-	●	●	-
	AUX Bluetooth unit BLT370 ready	-	●	●	●	●	●	●	●	●	-
	Mobile Phone input	-	AUX	AUX	AUX	AUX	AUX	AUX	AUX	AUX	-
OTHERS	Remote control included	● (RCB176)	● (RCB176)	● (RCB176)	● (RCB176)	● (RCB176)	● (RCB176)	-	●	●	-
	Remote control sensor	●	●	●	●	●	●	-	●	●	-
	OEM steering wheel remote wired interface capability	-	●	●	●	●	●	●	●	●	-
	Detachable control panel	-	●	●	●	●	●	●	●	●	●
	CATS for anti-theft	-	-	-	-	-	-	-	●	●	-
	Blinking LED	-	Y (INNER ES PACK ILLUMI)	Y (INNER ES PACK ILLUMI)	Y (INNER ES PACK ILLUMI)	Y (INNER ES PACK ILLUMI)	Y (INNER ES PACK ILLUMI)	-	-	-	-

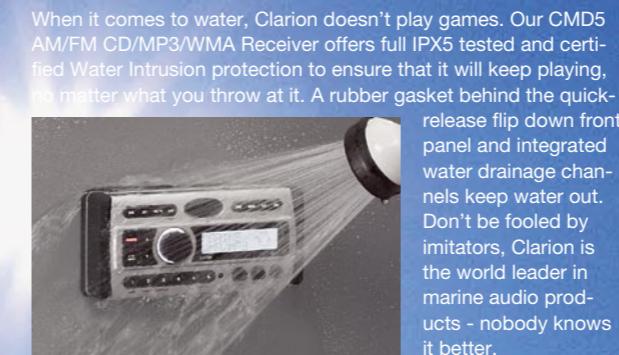
07 MARINE
AUDIO

SET COURSE FOR THE BEST IN MARINE AUDIO

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

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

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



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

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

Clarion takes marine audio seriously. For 2007, we introduce a new stainless steel chassis to the CMD5 and M475. Should any water get in behind the radio, this new chassis, combined with a drip shield over

the wire connections will ensure things stay dry. The main circuit boards feature a silicone coating to help resist the effects of humidity. You take pride in your boat, wouldn't you want the best audio equipment available installed in it?



Take control of your music from anywhere on the boat.



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

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



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

The link between you and your music is your speakers.



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

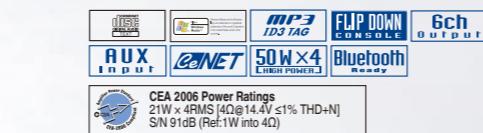
Offering boating enthusiasts the best possible marine audio products is at the heart of Clarion's goals for the 2007 marine audio product line. With expanded control for the iPod, playback of MP3 and WMA files and class leading sonic performance - Clarion is the natural choice for both boating enthusiasts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

Clarion marine audio - the benchmark moves higher for 2007



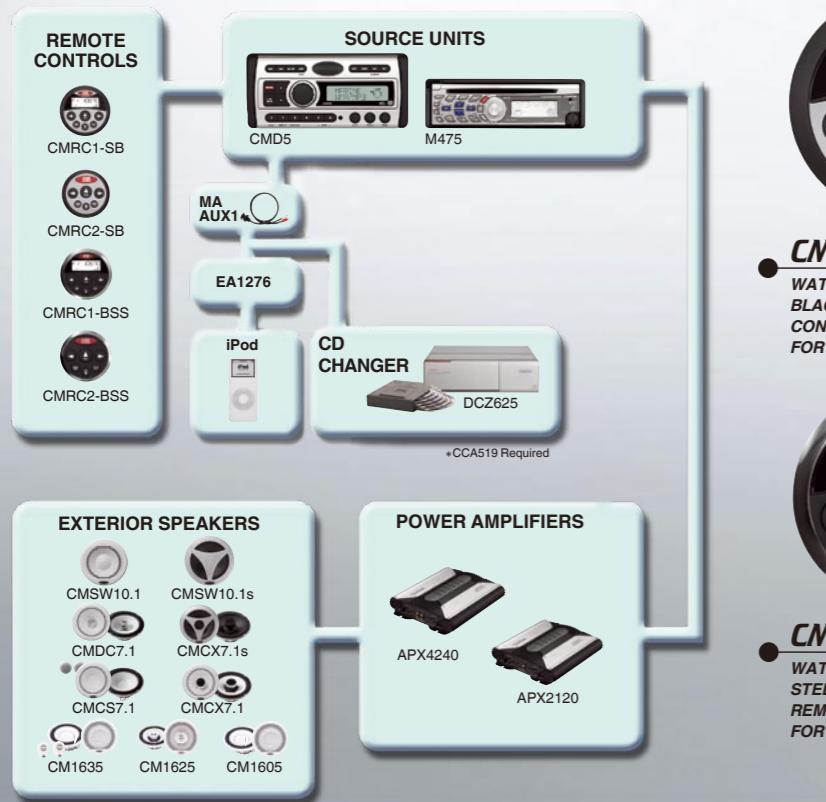
CMD5 WATERTIGHT MARINE CD/MP3/WMA RECEIVER/CeNET CONTROL

- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM/ 6 AM Presets
- iPod control capability via optional EA1276 • Built-in Amplifier canceller • 50W x 4 Built-in Amplifier
- Flip-down control panel • High visibility 2-line display • Rotary Volume Control • RCA Auxiliary Input with Level Control • 6ch/2V RCA Output • CeNET Control of: 6-Disc CD Changer and iPod interface • Bluetooth Interface ready (Optional) • Meets ASTM B117 <Salt/Fog Exposure> • Meets ASTM D4329 <UV Exposure> • HumiSeal Coated PCB • Sealed Stainless Steel Chassis



MA AUX1
RCA/3.5mm
AUX INPUT CABLE

MARINE AUDIO SYSTEM



CMRC1-SB
WATERTIGHT SILVER AND BLACK MARINE REMOTE CONTROL WITH LCD FOR CMD5 & M475



CMRC1-BSS
WATERTIGHT STAINLESS STEEL AND BLACK MARINE REMOTE CONTROL FOR CMD5 & M475



CMRC2-SB
WATERTIGHT SILVER AND BLACK MARINE REMOTE CONTROL FOR CMD5 & M475



CMRC2-BSS
WATERTIGHT STAINLESS STEEL AND BLACK MARINE REMOTE CONTROL FOR CMD5 & M475

M475

MARINE CD/MP3/WMA RECEIVER/ CeNET CONTROL

- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM/ 6 AM Presets • iPod control capability via optional EA1276 • Z-Enhancer sound customisation • MAGNA BASS EX dynamic bass enhancement • Built-in amplifier canceller
- Detachable control panel • 50W x 4 Built-in Amplifier • High visibility single line display • Rotary Volume Control • Front panel 3.5mm Auxiliary Input with Level Control • 6ch/2V RCA Output • CeNET Control of: 6-Disc CD Changer and iPod interface
- Bluetooth Interface ready (Optional) • Meets ASTM B117 <Salt/Fog Exposure> • Meets ASTM D4329 <UV Exposure> • HumiSeal Coated PCB • Sealed Stainless Steel Chassis



Detachable
Control Panel



APX4240

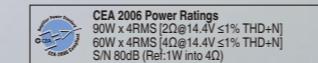
400W 4/3/2 CHANNEL POWER AMPLIFIER

4/3/2 ch. Power AMP

LPF/HPF

MAX 400W

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



APX2120

200W 2/1 CHANNEL POWER AMPLIFIER

2/1 ch. Power AMP

LPF/HPF

MAX 200W

- 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"



DCZ625

6-DISC CD CeNET CHANGER

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



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

Rock your boat

**CMSW10.1s**

SPORT SERIES 10" WATER RESISTANT SUBWOOFER

- 350 Watts of Maximum Music Power • 10 Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CMSW10.1**

10" WATER-RESISTANT MARINE SUBWOOFER

- 350 Watts of Maximum Music Power • 10 Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CMCX7.1s**

SPORT SERIES 7" COAXIAL 2-WAY WATER RESISTANT SPEAKERS

- 160 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1 1/4" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CMCS7.1**

7" 2-WAY WATER RESISTANT COMPONENT SPEAKER SYSTEM

- 130 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CMCX7.1**

7" COAXIAL 2-WAY WATER RESISTANT SPEAKER

- 160 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1 1/4" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CMDC7.1**

7" DUAL CONE WATER RESISTANT SPEAKER

- 120 Watts of Maximum Music Power • 7" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CM1635**

6" 2-WAY WATER RESISTANT COMPONENT SPEAKERS

- 130 Watts of Maximum Music Power • 6" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CM1625**

6" COAXIAL 2-WAY WATER RESISTANT SPEAKERS

- 100 Watts of Maximum Music Power • 6" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • 1/4" Titanium Coated Dome Tweeter • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Gold Plated Speaker Terminals • Stainless Steel Mounting Hardware • Rubber Mounting Gasket

**CM1605**

6" DUAL CONE WATER RESISTANT SPEAKERS

- 100 Watts of Maximum Music Power • 6" Mica-Injection Polypropylene Woofer Cone • Sanoprene Rubber Surround • Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) • High Impact Centrex 814 Grille / Frame • Liquid Drainage System • Rubber Insulated Tinsel Leads • Rubber Mounting Gasket

Speakers Designed to Make Waves

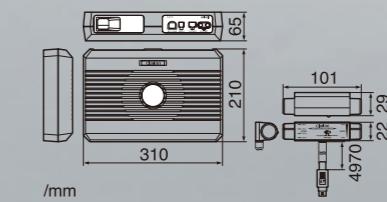
Like all of our marine components, Clarion marine speakers are designed to flourish in the harsh marine environment. In fact, they meet and exceed the ASTM B117 and D4329 required for UV, salt and fog exposure. This is achieved by utilising an array of materials including polypropylene woofer cone, sanoprene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

**SRV313**

SLIM DESIGN 6.5" ACTIVE SUBWOOFER

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

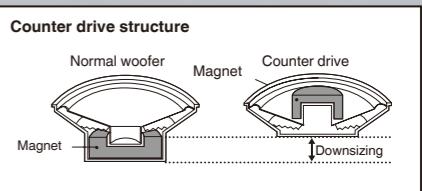
"Maxx Bass" is a patent of KS-Wares. "Maxx Bass" is a registered of KS-Wares.



Stick wired remote control

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

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

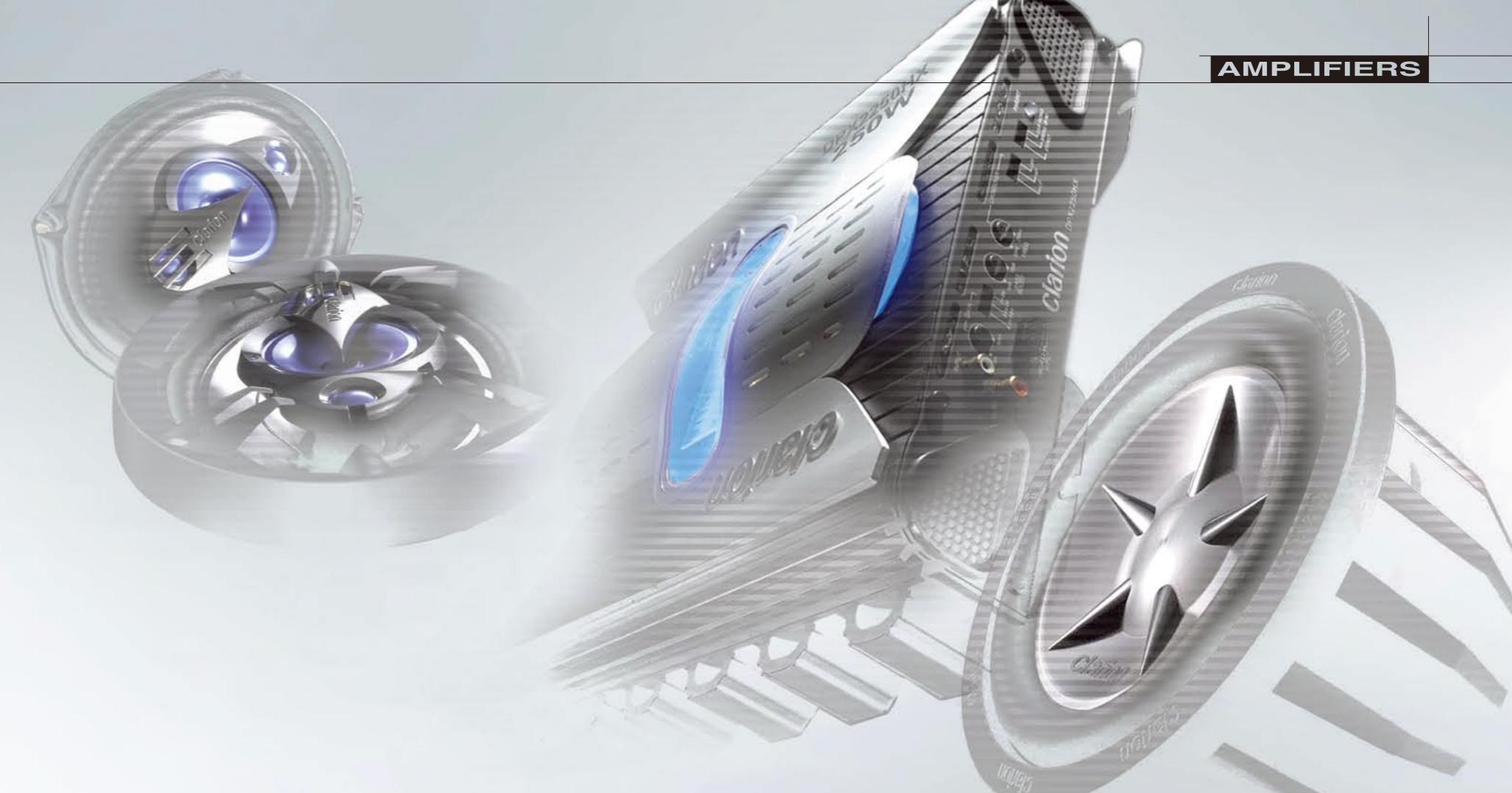


By mounting a high efficiency motor assembly to the front of the cone, Clarion's counter drive system allows for maximum cone area while minimizing speaker depth. This allows you to enjoy dynamic bass performance without taking up a lot of space.

07 AMPLIFIERS SUBWOOFERS

POWER SYSTEMS TO DELIVER THE PUNCH

Your amplifier and speaker system is literally the interface between you and your music. 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.



Clarion Amps Feature High Performance

Clarion's 2007 amplifier line does it all – jaw-dropping power, stunning sonic performance, industry leading features and all at prices that will revolutionise the industry. How was this achieved? The latest technologies were combined with classic designs for benchmark performance and stunning reliability. Our new DPX11500 and DPX1800 amplifiers feature a combination of Class G and Class H power supplies and output stages – not just a simple Class D design. This allows these amps to produce more power (1500W and 800W respectively with CEA-2006 compliance) while putting less load on your cars electrical system. This means more power to your speakers, no thermal shutdown problems and longer play times than our competitors – at any price. Is sonic purity your game? Clarion's APX1280 and APX4360 amplifiers deliver with awesome 10Hz to 50kHz (± 1 dB) frequency response and distortion numbers as low as 0.004%. All the time offering a sonic signature that matches or betters most amplifiers costing two or three times as much. Looking for industry leading features? We offer innovative features such as our three-stage Input Voltage Selector gain control, Precise Frequency Selector Crossover and even simple connectivity with speaker level inputs on every model. The 2007 Clarion amplifier line shares the same cosmetic theme from top to bottom – so you can mix and match products to create the perfect system – at the perfect price.

Clarion Subwoofers – the bench-mark for performance, style & value

Low frequency extension, small enclosure requirements and awesome power handling – just three of the characteristics of the 2007 subwoofer line. These subwoofers don't just sound great, but they look equally impressive. These subwoofers feature an aggressively styled cast aluminium basket for a rock solid foundation. The cones are formed using a composite of pulp paper and kevlar. Linear poly-cotton spiders with oversized tincel leads sewn to them ensure perfect piston-like operation. Our electrolytically applied spun aluminium polypropylene dust cap is reinforced with five spokes that not only look cool, but add significant strength. The copolymer composite surround allows awesome driver excursion, combined with the longevity and durability of rubber and the flexibility of foam. The 2007 line of subwoofers can handle serious power. Spider Exhaust Technology, a vented pole piece and high temperature voice coil formers allow the 15" PXW1552 to handle 1,500W of maximum music power, while the 12" versions will handle 1,000W without damage to the voice coil or suspension component failure. Many of the technologies and features found in the PXW line of subwoofers trickles down into the new SRW and SB series subwoofers. Clarion subwoofers offer stunning performance and awesome styling – all at prices that best the competition on all fronts.

Clarion Speakers Span the Spectrum from Bass to Treble

Subwoofers sometimes steal the spotlight, but you can't get great sound without great speakers for midrange and high frequencies. Clarion's plate, coaxial, and component speakers utilise titanium-metallized mica-injection polypropylene woofer cones with powerful strontium magnets for bass, metallised balanced-drive tweeters with neodymium magnets for treble, and high technology from top to bottom. Two-way, three-way and four-way speakers meet the needs of different listeners and different vehicles. Clarion's speakers include OEM upgrades (those designed to replace OEM speakers that were installed in vehicles when they are built at the factory) and component speakers designed for custom AV mobile-entertainment systems. For example, the SRW1686 two-way component speakers combine a $\frac{3}{4}$ " silk-dome tweeter with a 6- $\frac{1}{2}$ " glass-fiber-cone woofer and a two-way crossover network attenuating signals outside the passband with a slope of 12 dB per octave. And these speakers will take 250 watts of maximum music power.

When it comes to amplifiers, few offer the technology and performance that Clarion does. Our DPX Series of amplifiers provide massive amounts of pure, clean power thanks to a Class G computer-controlled power supply. You get the efficiency of a Class D amplifier with the sound quality of a Class AB design. Add to this integrated electronic crossovers, speaker level inputs and much more in every amplifier we make. Your system deserves amplifiers that sound this good.

Power, Control and Efficiency combine for an unheard of value.



DPX11500

1500W MONO POWER AMPLIFIER

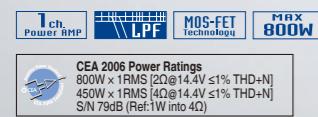
- 1500W x 1 Into 1 Ohm, 20Hz-250Hz • 1500W x 1 Into 2 Ohms, 20Hz-250Hz • 800W x 1 Into 4 Ohms, 20Hz-250Hz • Input Voltage Selector Gain Control • Precise Frequency Selector - 12db/Oct. Low Pass Crossover, 50-250Hz
- Adjustable Subsonic Filter, 10-80Hz • Variable Bass Boost; 0-15dB @ 30-125Hz • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 21-1/4" x 12" x 2-7/8"



DPX1800

800W MONO POWER AMPLIFIER

- 800W x 1 Into 1 Ohm, 20Hz-250Hz • 700W x 1 Into 2 Ohms, 20Hz-250Hz • 450W x 1 Into 4 Ohms, 20Hz-250Hz • Input Voltage Selector Gain Control • Precise Frequency Selector - 12db/Oct. Low Pass Crossover, 50-250Hz
- Adjustable Subsonic Filter, 10-80Hz • Variable Bass Boost; 0-15dB @ 30-125Hz • 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
- 250W x 2 Into 2 Ohms, 20Hz-20kHz @ < 0.1%THD • Bridgeable, 400W x 1, 20Hz-20kHz @ < 0.2%THD • Input Voltage Selector Gain Control • Precise Frequency Selector -12db/Oct. Low Pass Crossover, 50-250Hz • Adjustable Subsonic Filter, 10-80Hz • Variable Bass Boost; 0-15dB @ 30-125Hz • 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 • 160W 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 • 160W x 2 Into 2 Ohms, 20Hz-20kHz @ < 0.2%THD
- Bridgeable, 300W x 1, 20Hz-20kHz @ < 0.2%THD • Mixed Mode Operation • Input Voltage Selector • Precise Frequency Selector • Variable Bass Boost; 0-15dB @ 50Hz • Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz-550Hz or 550Hz-5.5kHz with the Crossover Frequency Multiplier • Gold Plated Connectors; RCA/Speaker/Power • Speaker Level Input • Dimensions 12" x 12" x 2-7/8"



APX4240

400W 4/3/2 CHANNEL POWER AMPLIFIER

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



APX2120

200W 2/1 CHANNEL POWER AMPLIFIER

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



APX1300

400W MONO POWER AMPLIFIER

- 400 Watts of Maximum Music Power • 300W x 1 Into 4 Ohms, 20Hz-20kHz @ < 0.1%THD
- 400W x 1 Into 2 Ohms, 20Hz-20kHz @ < .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"



Model	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"

Our designers and engineers don't just think about bass, they live, eat and breathe it. From the subtle nuances of an acoustic string bass to the mirror shaking beats of a synthesizer or drum machine. Featuring quality construction and ingenuity, Clarion subwoofers are up to the task. Our PXW and SRW Subwoofers offer incredible performance and value exceed the expectations of the most concerning listener, you!

Subwoofers that sound as good as they look



PXW1552

15" DUAL 4-OHM VOICE COIL SUBWOOFER

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



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"



SRW1051

10" SINGLE 4-OHM VOICE COIL SUBWOOFER

- 750 Watts Maximum Music Power • 375 Watts RMS
- Single 4 Ohm Heat Resistant Voice Coils • Polypropylene Electronic Spun Aluminum Dust Cap • Fiber Glass / Paper Cone Design • Nitrile Butadiene Rubber High Excursion Surround • Dual Strontium Ferrite Magnets
- Hyper Extended Vented Pole Piece • Spider Exhaust Technology (SET) Cooling • Dual Gold Plated Terminal Blocks • Linear Cotton Spider with Integrated Tinsel leads • Custom Stamped Steel Powder Coated Chassis



PFW1051

10" SINGLE 4-OHM VOICE COIL SHALLOW SUBWOOFER

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



PXW1252

12" DUAL 4-OHM VOICE COIL SUBWOOFER

- 800 Watts Maximum Music Power • 400 Watts RMS
- Single 4 Ohm Heat Resistant Voice Coil • Polypropylene Electrolytic Spun Aluminum Dust Cap • Fiber Glass / Paper Cone Design • Nitrile Butadiene Rubber High Excursion Surround • Dual Strontium Ferrite Magnets
- Hyper Extended Vented Pole Piece • Spider Exhaust Technology (SET) Cooling • Dual Gold Plated Terminal Blocks • Linear Cotton Spider with Integrated Tinsel leads • Custom Stamped Steel Powder Coated Chassis



PFW Shallow mount woofers...Big Bass : Small Space The shallow mounting depth of the PFW1051 subwoofer allows low profile enclosure dimensions that make it perfectly suited to false-floor trunks, behind seats and rear side panels in SUV's so that both cargo space and great bass are maximised. Featuring the same amazing die-cast build quality and high performance componentry of the PXW range, this shallow mount performer is sure to satisfy even the most demanding listener.

The highly efficient SB series subwoofer and enclosure products are ready to supply your system with some serious bass. The layered polypropylene and paper cones deliver a highly reliable, low frequency with tight impact. Now available in dual and single woofer configurations, the DP and SP enclosure systems have been matched with Clarion's most popular amplifier lines to offer amazing value for money.



SB15XB

15" SINGLE VOICE COIL SUBWOOFER

- 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

- 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



SB series enclosures... Powered to perform



DP12XBA

AMPLIFIED DUAL WOOFER ENCLOSURE

Enclosure Features

- Premium Carpeted Custom MDF Enclosure
- Stainless Gunmetal Finish [Front Panel]
- Perspex Clarion Badge
- Acoustic Felt Lining
- Gold Plated Terminals
- Includes 2 x 12" SB series subwoofers (see above)
- Powered By APX1300 Mono Block Amplifier
- See page 41 for further features of APX1300



SP12XBA

AMPLIFIED SINGLE WOOFER ENCLOSURE

Enclosure Features

- Premium Carpeted Custom MDF Enclosure
- Stainless Gunmetal Finish [Front Panel]
- Perspex Clarion Badge
- Acoustic Felt Lining
- Gold Plated Terminals
- Includes 1 x 12" SB series subwoofer (see above)
- Powered By APX2120 Mono Block Amplifier
- See page 41 for further features of APX2120



DP12XB

DUAL WOOFER ENCLOSURE

Enclosure Features

- Premium Carpeted Custom MDF Enclosure
- Stainless Gunmetal Finish [Front Panel]
- Perspex Clarion Badge
- Acoustic Felt Lining
- Gold Plated Terminals
- Includes 2 x 12" SB series subwoofers (see above)



Model	PXW1552	PXW1252	PXW1251	SRW1051	PFW1051	SB15XB	SB12XB
Max Power Handling	1500w	1000w	1000w	800w	750w	600w	600w
Continuous Power Handling	750w	500w	500w	375w	300w	300w	300w
Frequency Response	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-1.5kHz	20Hz-5000Hz	20Hz-5000Hz
Efficiency	90dB	87dB	87dB	85dB	84dB	84dB	82dB
Basket Type	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum	Stamped Steel	Die Cast Aluminum	Stamped Steel	Stamped Steel
# of Voice Coils	2	2	2	1	1	1	1
Impedance	4 Ohm	4 Ohm	2 Ohm	4 Ohm	4 Ohm	4 Ohm	4 Ohm
Outside Dimension	15-3/8"	12-3/8"	12-3/8"	10-17/32"	10-17/32"	385mm	306mm
Cut Out Size	14"	10-7/8"	10-7/8"	9-1/16"	9-1/16"	370mm	293mm
Mounting Depth	7"	6-3/8"	6-3/8"	2-25/32"	2 3/4"	164mm	136mm
Enclosure Size	1.5 Cu Ft	0.85 Cu Ft	0.85 Cu Ft	1 Cu Ft	0.6 Cu Ft	0.45 Cu Ft	1 Cu Ft

07 SPEAKERS

SET THE POWER OF SOUND FREE

Subwoofers sometimes steal the spotlight, but you can't get great sound without great speakers for mid-range and high frequencies. Clarion's plate, coaxial, and component speakers utilize titanium metallized mica-injection polypropylene woofer cones with powerful strontium magnets for bass, metallized balanced-drive tweeters with neodymium magnets for treble, and high technology from top to bottom. These speakers were born to perform.



120 kHz-playback Tweeters

Special tweeters were developed that employ a silk dome and dual neodymium magnets in pursuit of rich harmonic elements. With industry-pioneering 120 kHz playback, performance is good enough even for DVD audio, SADC, and other next-generation media in excess of the audible frequency range. Wide-range properties with room to spare let you enjoy stable treble even in regular CD playback.

Variable Angles

Tweeters are compatible with two-way setup thanks to removable bases that allow installation on either the dashboard or doors. Their variable angle structure that enables the facing and angle to be freely adjusted gives you the ability to put them in the direction that best fits your car and seating position.

In-Phase Coaxial Construction Produces Outstanding Acoustic Image Orientation

A key component to experiencing natural sound imaging and staging is In PhaseCoaxial Design. The tweeter's "In Phase" configuration minimises the phase differential between the woofer and tweeter, and prevents the time lag between high and low frequency sounds from being audible to the listener.

Glass-fibre Cone

Shaping by careful vertical and horizontal interweaving of strong fibreglass greatly increases rigidity. There is little distortion from settling and creep even in amplitude motion for large inputs, thus enabling constant crisp playing of music.

Heat Suppressing Rear-vented Pole Pieces

A vent construction that penetrates to the back plate has been adopted for woofer components. The smooth stroke of the diaphragm is realised by suppressed heat generation accompanied by an increased output, further raising the amount of air discharged from within the woofer duct.

High Signal Transferability OFC Voice Coil

Extremely pure 4N (99.995%) OFC (oxygen free copper) that boasts extremely high signal transferability compared to general TPC (tough-pitch copper wire) has been utilised for the very densely coiled voice coil wire. Because impurities such as oxygen almost never occur, tones are expressed sharply, and mid-range tones are smoothly reproduced.

Multi-axial 3-WAY Covering the Super-Uppper Register

Clarion's 3-WAY configuration unifies the woofer, mid-range and tweeter. Experience a more realistic, broader sound field ranging between 28Hz bass frequencies through to 35kHz super-upper register sound frequencies.

Lightweight, Highly Rigid MIPP Cone Woofer

An MIPP (Metallised injection PP) cone woofer that combines polypropylene with a metal covering process is used, enabling the lightweight and high-rigidity required in speaker materials. These allow for high-speed response that supports digital sound sources with plenty of room to spare, resulting in a clear tone quality with very little distortion.

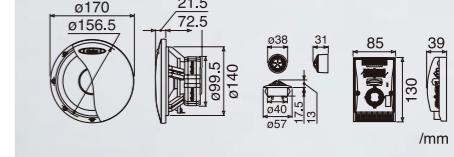
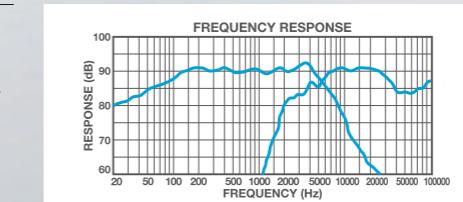
The high-quality sound diaphragm created from woven glass fibers reproduces all of the musical sources so faithfully that the music sounds just like the instrument being played by the musician. The crossover network achieves seamless connections by distributing the correct signals to the woofers and 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)



Input MAX 300W

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
- -6 dB, -12 dB



Reproduction system	Glass fibre cone with rubber surround	Titanium metallised MIPP cone woofer	Pure silk dome tweeter with dual neodymium magnet	Metallised PEI balanced-drive tweeter	2-way mounting tweeter	Rear-vented piece woofer	FullOFC wire	Variable angle tweeter	High grade 12dB/oct 2 way crossover network with level attenuator (-3dB)	Powerful strontium magnet for dynamic bass response	In-line 6 dB/oct crossover network	Extremely high frequency reproduction	Music peak power (W)	Continuous power (W)	Fs (Hz)	Vas (Litres)	Frequency response (Hz)	Efficiency (dB/W/m)	
SRS1752HX	2-way component system	165 mm	20 mm	•	•	•	•	•	•	•	•	120kHz	300	55	50	0.67	15.6	25-120,000	91

Clarion has spent decades refining our loudspeakers. We combine high quality materials like bidirectional glassfiber and silk with our In-Phase design to produce a series of speakers that allows you to hear the detail in your music like you've never heard it before.

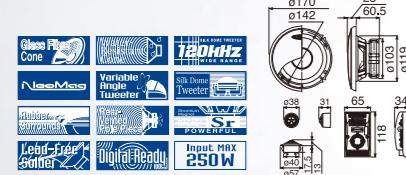
Hear your music again, for the first time



SRS1686

6" 2-WAY COMPONENT SPEAKER SYSTEM

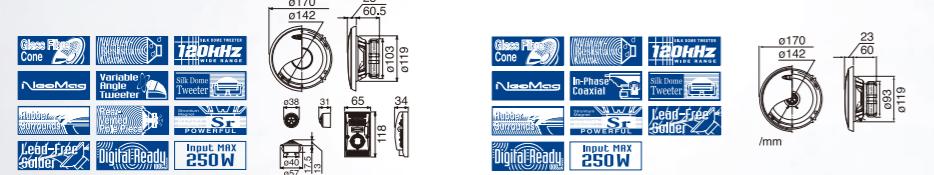
- 250 Watts of Maximum Music Power • High Grade -12dB/oct. Crossover Network with Level Attenuator • GM Fit Basket Design / Chrysler Adaptor Included • 6" Bidirectional Glass-Fiber Woofer Cone • Rubber Surround • Powerful Strontium Magnet for Dynamic Bass Response • 3/4" Pure Silk Dome Tweeter • Dual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



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)



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 • 3/4" Pure Silk Dome Tweeter • Dual Neodymium Magnets • High Frequency Reproduction (up to 80kHz)



SRR1386

5-1/4" COAXIAL 2-WAY SPEAKER

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



SRC5796

5" x 7" 2-WAY PLATE SPEAKER

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



SRC4696

4" x 6" 2-WAY PLATE SPEAKER

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



Model	SRS1686	SRR1686	SRR6986	SRR1386	SRC5796	SRC4696	SRS1726	SRS1626	SRS1326
Max. Input (W)	250	250	350	200	170	150	250	200	200
Efficiency (dB/W/m)	91	90	92	90	90	90	92	91	90
Frequency Response (Hz)	28/120K	30/120K	25/80K	35/120K	35/120K	40/120K	30/35K	30/35K	40/35K
Mounting Depth (mm)	60.5	60	79	51.5	52	47	57.5	57.5	46

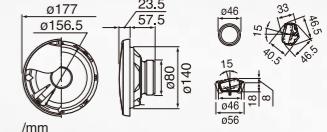
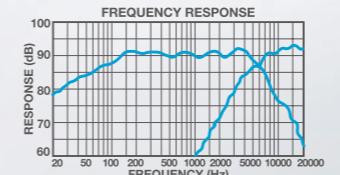
Clarion's Phase 1 speaker series is synonymous with high performance. As before, they use MIPP (Mica Injection Polypropylene) cones, with a molecular structure that radiates from the inside outward, to attain the lightness and rigidity necessary to create speakers with superior response even to the fast transients of digital sources. Our tweeters use a balanced dome PEI (Poly Ether Imide) design for superior high frequency sound reproduction and off-axis response when mounted in the factory door speaker location. Powerful Neodymium magnets are used for increased imaging accuracy.

Phaze-1 speakers

SRS1726

6.5" 2-WAY COMPONENT SPEAKER SYSTEM

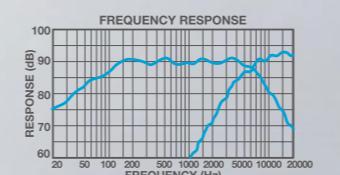
- 250 Watts of Maximum Music Power • 6.5" Titanium Metallized Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • In-Line -6dB/oct. Crossover Network • Custom Fit Tweeter Brackets Included (Flush, Surface)



SRS1626

6" 2-WAY COMPONENT SPEAKER SYSTEM

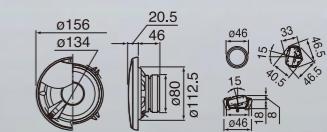
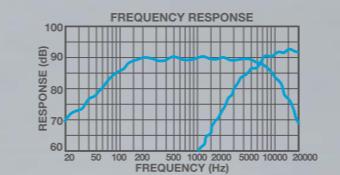
- 200 Watts of Maximum Music Power • 6" Titanium Metallized Mica-Injection Polypropylene Woofer Cone • 1" PEI Balanced Drive Tweeter • Powerful Strontium Magnet for Dynamic Bass Response • In-Line -6dB/oct. Crossover Network • Custom Fit Tweeter Brackets Included (Flush, Surface) • GM fit basket design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



Don't settle for mediocre sound – upgrade your factory-installed speakers and experience music the way it was meant to be heard. From woofer cones that are Titanium coated for UV protection and Mica Injected for strength and thermal stability to our Poly Ether Imide tweeter cones that retain their shape even at high power levels, Clarion Phaze 1 speakers are designed to perform.

Upgrade to excellence. The best value in upgrade speakers

**SRR6936**

6" x 9" MULTIAXIAL 3-WAY

- 300 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

**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

**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

**SRR1028**

4" COAXIAL 2-WAY

- 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

**SRR1016**

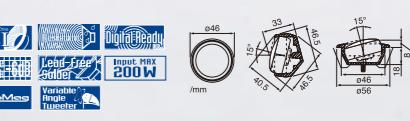
4" COAXIAL 2-WAY

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

**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 or Surface mount)

**SRR1646**

6" MULTIAXIAL 4-WAY SPEAKER

- 280 Watts of Maximum Music Power • 6" 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

**SRR1636**

6" MULTIAXIAL 3-WAY SPEAKER

- 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

**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

**SRC5716**

5" X 7" CUSTOM FIT COAXIAL 2-WAY

- 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

- 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

- 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

**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

**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

**SRR1316**

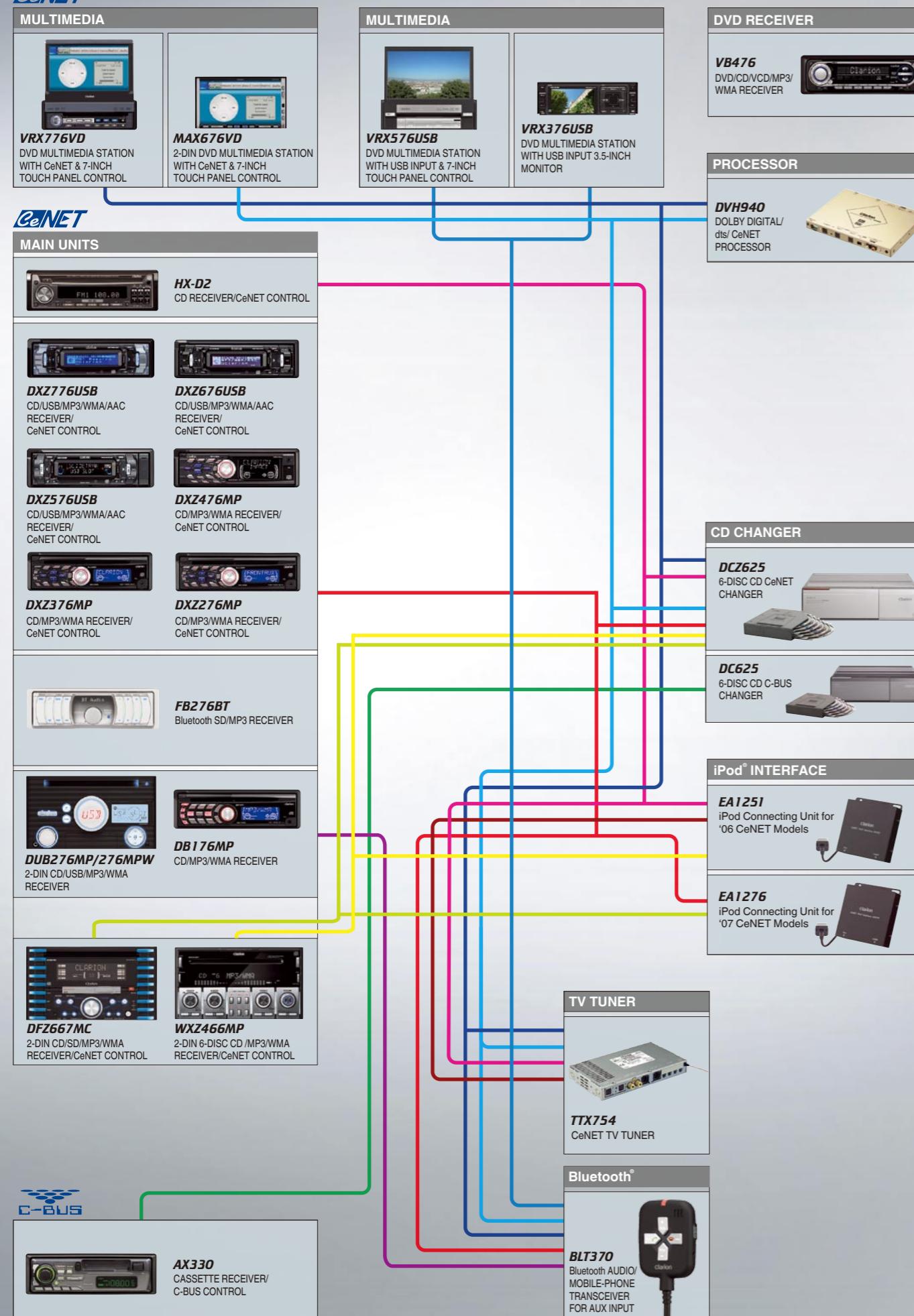
5 1/4" COAXIAL 2-WAY SPEAKER

- 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



Model	SRR6936	SRR6916	SRR1726	SRR1646	SRR1636	SRR1616	SRR1336	SRR1326	SRR1316
Max. Input (W)	300	250	200	280	230	180	170	140	150
Efficiency (dB/W/m)	92	92	92	91	91	91	91	91	91
Frequency Response (Hz)	30/35K	28/32K	28/32K	30/35K	30/32K	40-32K	40-32K	40-30K	40-30K
Mounting Depth (mm)	74	72	55.5	55.5	46.5	46	46	46	46

Model	SRR1028	SRR1016	SRH206	SRC5716	SRC4617	SRC916
Max. Input (W)	120	120	200	150	120	60
Efficiency (dB/W/m)	90	90	90	91	91	89
Frequency Response (Hz)	40-30K	45-30K	2.5/32K	35-30K	45-30K	60-30K
Mounting Depth (mm)	43	43	18	52	45.5	32.5

SYSTEM CHART**ACCESSORIES**

Radio CD Receivers

	HX-D2	DXZ776USB	DXZ676USB	DXZ576USB	DXZ476MP	DXZ376MP
TUNER SECTION						
Frequency bands						
FM: (MHz) 0.05MHz steps	89.0 to 108	87.5 to 108	87.5 to 108	87.5 to 108	87.5 to 108	87.9 to 107.9
AM: (kHz) 9 kHz steps	531 to 1,629	531 to 1,602				
FM usable sensitivity (dBf)	9	9	9	10	10	10
FM 50 dB quieting sensitivity (dBf)	15	17	17	17	17	17
FM alternate channel selectivity (dBf)	70	75	75	75	75	75
FM stereo separation @1 kHz (dB)	35	25	25	25	25	25
FM stereo freq. resp. @ ±3 dB (Hz)	30 to 15,000					
CD SECTION						
Wow/Flutter (WRMS)	Below measurable limits					
S/N ratio (dB)	112	100	100	100	95	95
Frequency response (Hz)	5 to 20,000					
Dynamic range (dB)	100	95	95	90	90	90
Harmonic distortion (%)	0.003	0.01	0.01	0.01	0.01	0.01
AUDIO SECTION						
Power output (DIN45324, +B = 14.4 V)		4 × 25 W				
GENERAL						
Dimensions (W × H × D), mm	178 × 50 × 178	178 × 50 × 158	178 × 50 × 158	178 × 50 × 158	178 × 50 × 158	178 × 50 × 158
Remote control (W × H × D), mm	52 × 125 × 12	44 × 113 × 11	44 × 113 × 11	44 × 113 × 11	44 × 113 × 11	44 × 113 × 11
Weight (kg)	1.7	1.6	1.6	1.6	1.3	1.3
Power consumption: less than	1.4 A	15 A	15 A	15 A	15 A	15 A
Speaker impedance		4Ω	4Ω	4Ω	4Ω	4Ω
	(4Ω to 8Ω allowable)					

Radio CD Receivers

	DUB276MP/ DUB276MPW	DB176MP	DFZ667MC	WXZ466MP	FB276BT
TUNER SECTION					
Frequency bands					
FM: (MHz) 0.05MHz steps	87.5 to 109	87.5 to 108	87.0 to 108	87.0 to 108	87.5 to 108
AM: (kHz) 9 kHz steps	531 to 1,602	531 to 1,602	531 to 1629	531 to 1629	531 to 1629
FM usable sensitivity (dBf)	11	11	9	9	11
FM 50 dB quieting sensitivity (dBf)	17	17	15	15	17
FM alternate channel selectivity (dBf)	75	75	70	70	75
FM stereo separation @1 kHz (dB)	25	35	35	35	25
FM stereo freq. resp. @ ±3 dB (Hz)	30 to 15,000				
CD SECTION					
Wow/Flutter (WRMS)	Below measurable limits	Below measurable limits	Below measurable limits	Below measurable limits	
S/N ratio (dB)	86	85	100	90	
Frequency response (Hz)	10 to 20,000	10 to 20,000	5 to 20,000	10 to 20,000	
Dynamic range (dB)	88	87	95	90	
Harmonic distortion (%)	0.03	0.01	0.01	0.01	
TAPE SECTION					
Wow/Flutter (WRMS)					
Metal tape, without NR (dB)					
Metal tape, with Dolby B NR (dB)					
Metal tape (Hz)					
AUDIO SECTION					
Power output (+B = 14.4 V)	4 × 25 W	4 × 25 W	4 × 27 W	4 × 27 W	4 × 25 W
GENERAL					
Dimensions (W × H × D), mm	178 × 100 × 152	178 × 50 × 152	178 × 100 × 156.5	178 × 100 × 160	178 × 50 × 152
Remote control (W × H × D), mm	–	–	44 × 113 × 13	44 × 113 × 13	–
Weight (kg)	0.6	1.1	2.2	2.2	0.6
Power consumption: less than	15 A				
Speaker impedance		4Ω	4Ω	4Ω	4Ω (4Ω to 8Ω allowable)
	(4Ω to 8Ω allowable)				

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 V DC (10.8 ~ 15.6 V)

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 x 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

Radio Cassette Receivers

AX330	
TUNER SECTION	
Frequency bands	
FM: (MHz) 0.05MHz steps	87 to 108
MW: (kHz) 9kHz steps	531 to 1629
TAPE SECTION	
Wow/Flutter (%)	0.08 %
Metal tape, without NR (dB)	58
Metal tape (Hz)	30 to 20,000
AUDIO SECTION	
Power output (DIN45324, +B = 14.4 V)	4 × 20 W
GENERAL	
Dimensions (W × H × D), mm	178 × 50 × 155
Weight (Kg)	1.5

Multimedia Stations

	VRX776VD MAX76VD	MAX676VD	VRX576USB	VRX376USB
MONITOR SECTION				
Screen size (W × H), mm	154.0 × 87.0 (7 inch)	154.0 × 87.0 (7 inch)	154.0 × 87.0 (7 inch)	77.0 × 43.0 (3.5 inch)
Display type	Transparent-type TN liquid crystal display	Transparent-type TN liquid crystal display	Transparent-type TN liquid crystal display	Transparent-type TN liquid crystal display
Drive principle	TFT active matrix display	TFT active matrix display	TFT active matrix display	TFT active matrix display
Number of pixels	336,960	336,960	336,960	336,960
VRC video input	1.0 ± 0.2 Vp-p (input impedance 75Ω)	1.0 ± 0.2 Vp-p (input impedance 75Ω)	1.0 ± 0.2 Vp-p (input impedance 75Ω)	1.0 ± 0.2 Vp-p (input impedance 75Ω)
VRC audio input	130 ± 60 mVrms (input impedance 10 kΩ or more)	130 ± 60 mVrms (input impedance 10 kΩ or more)	2.0 V, 1.3 V, 0.65V	2.0 V, 1.3 V, 0.65V
TUNER SECTION				
Frequency bands				
FM: (MHz) 0.05MHz steps	87.0 to 108	87.0 to 108	87.5 to 108	87.5 to 108
AM: (kHz) 9 kHz steps	531 to 1,629	531 to 1,629	531 to 1,629	531 to 1,629
FM usable sensitivity (dBf)	9	9	9	9
FM 50 dB quieting sensitivity (dBf)	15	15	–	–
FM alternate channel selectivity (dBf)	70	70	–	–
FM stereo separation @ 1 kHz (dB)	35	32	30	30
FM stereo freq. resp. @ ±3 dB (Hz)	30 to 15,000	30 to 15,000	30 to 15,000	30 to 15,000
DVD SECTION				

FEATURE ICONS

Multimedia/Main units



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.



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.



Amplifier canceller

When using an external amplifier, the power supply to the built-in amplifier can be switched off in order to prevent spurious radiation entering the signal and this way ensuring audio output of the finest quality.



Audio pre-out

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.



AAC

AAC is an abbreviation for Advanced Audio Coding, a next-generation compression format. It boasts a high compression ratio 1.4 times that of MP3 while achieving sound quality that almost rivals that of commercial music CDs.



AUX input

External RCA audio inputs. They can be connected to equipment, such as a video game or portable player, with full control of the sound from your car audio system.



Bluetooth®

Bluetooth compatibility provides the ability to wirelessly connect a variety of peripheral equipment. It allows for hands-free mobile phone communication and linking of an iPod with your car's 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 Z-Enhancer

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.



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 you easily connect the line outputs on portable audio players or other devices to your Clarion system for high-quality sound reproduction.



OEM ready

This mark indicates the unit is ready to connect to a Clarion OEM steering wheel remote control interface. Thanks to the interface, you can still use the radio switches mounted on the steering wheel of your car to control most audio parameters. Two types of interfaces – direct connection and infrared – are available depending on the type main unit.



Message

Information You can enter your own greeting of up to 30 characters that will be shown on the display when the unit is switched on and off.



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



USB Slot

USB Memory Slot The USB port enables playback of WMA/MP3 or even AAC files (depending on source unit) stored on a connected USB memory card or USB-compatible player.



MOS-FET

Power RAMP MOS-FET (Metal Oxide Semiconductor Field Effect Transistor), well known as a superior electronic transistor in audio systems, 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 in 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.



Low-pass and High-pass filters

Filters that allow signals to pass below a crossover frequency (LPF) or above a crossover frequency (HPF). This optimises the audio signal for high or low frequency reproduction when a subwoofer or tweeters are part of the system.



LPO (Listening Position Optimiser)

The WXZ466MP and DFZ667MC'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 frequencies around 60 Hz compared to conventional loudness circuits operating around 100 Hz. The amount of boost depends on the volume level.



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USB



USB Slot

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P.EQ

Parametric EQ Allows equalising control of the frequency curve for customisation of the sound character according to the speakers used and the acoustic properties in the car.



SLIDETRACK

This novel interface breaks away from traditional controlling done by turning knobs, allowing for intuitive operation. Almost all system operations can be made with the SLIDETRACK.



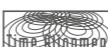
Slope console

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.



Sound Restorer

The Sound Restorer extracts the harmonic component from compressed data such as MP3, WMA, and AAC, complementing the skipped and reduced sound components to achieve almost the same acoustic expression in playback as the original source.



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

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USB

USB Slot

USB Memory Slot The USB port enables playback of WMA/MP3 or even AAC files (depending on source unit) stored on a connected USB memory card or USB-compatible player.



Z28c

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.



Video CD

This symbol shows compatibility with Video CD.



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.



WMA/MP3

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.

Amplifiers/Subwoofers/Speakers



Air compression

The exhaust back pressure is compressed once inside the cabinet to boost bass sound.



Aluminum-coated Polypropylene cone

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



Bass Extender

A low-range sound reinforcement circuit that boosts the bass according to the volume level, making it easier to perceive by the human ear.



Counter drive

This ingenious mount design enables a large calibre 20 cm woofer to fit inside a slim and compact speaker housing.



Digital ready

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



Dual 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.



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