

clarion

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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, 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 \pm 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.

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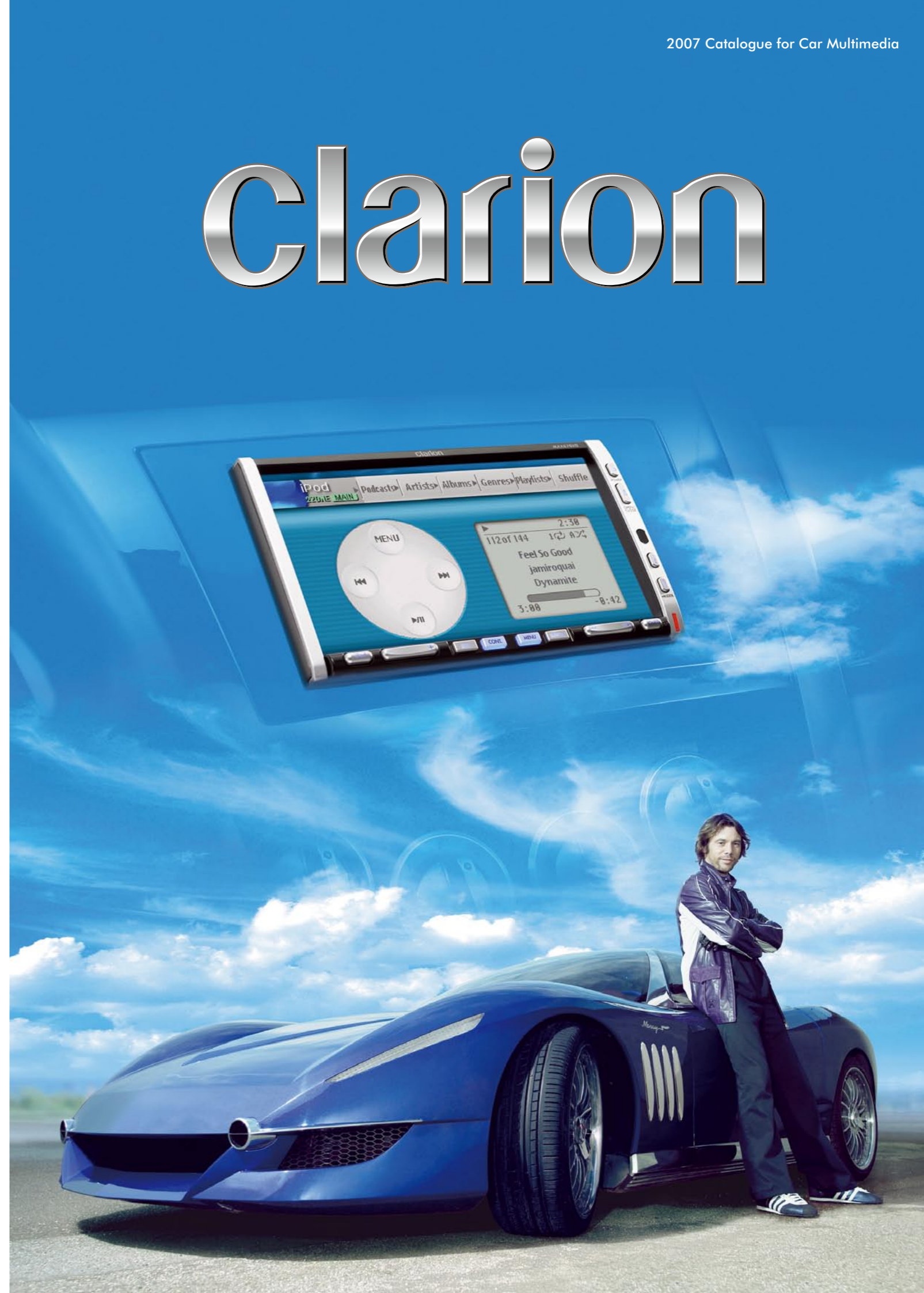
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clarion

Distributor

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



Clarion



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 in Italy 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.



Reaching Higher for the Next-Generation H.M.I.

Clarion will continue to tackle the tough challenges, with a challenging spirit will continues evolving. Trends dramatically evolve, user needs diversify, and new technologies are born one after the other... but no matter how much the environment and conditions that effect your motoring lifestyle change, we will be up to task with an aggressive development stance to pursue fresh ideas and new technologies that defy conventional thinking, and bring out the highest performance and usability. Experience superior sound and high-resolution images infused with Clarion's leading-edge technology, and a hands-free environment that brings safety to your car, with revolutionary design that responds immediately to the driver's will and senses. We do not follow trends, we make them. Clarion H.M.I., always new as it continues to evolve, is climbing to new heights for the benefit of its users.

Emotion and performance infused INTEGRATION

Bring "home cinema" enjoyment into your car with full-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-channel means you can create a full-fledge "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, and 2-Zone entertainment lets those in the front seat and the rear seat enjoy different audio-visual content without interrupting each other. The total enjoyment images and sound, in an integrated system that reacts immediately to your wishes... that is the fulfilling audio-visual experience you can expect from Clarion H.M.I.



SUPERB SOUND

with integrated flexibility

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

Digital technology, evolving at light-speed, has enabled the data storage capacity of musical media to increase dramatically while decreasing the size. What's more, with the increasing interface connectivity of various equipment, it is now possible to seamlessly link your car's interior with the outside world. Clarion, in the field of digital technology, has developed the Sound Restorer to reproduce sound that is infinitely close to the original. It achieves sound perfection by correcting and compensating for compressed music data like MP3/WMA/AAC on media such as DVD±R/RW, and portable media players such as iPod®, as well as USB and SD Memory card. You can enjoy the portability of digital media while marveling at the superb sound. Bring the music you were listening to outside, right into your car and continue enjoying it without a second thought. At Clarion, we have always acknowledged the importance of sound in the continuing evolution of digital technology, so you won't have to sacrifice quality for portability, or vice versa.

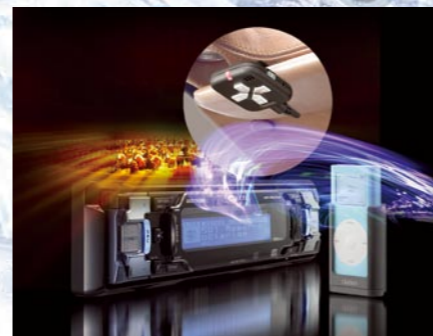


Evolving safety to new extremes

with CONNECTIVITY

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

Talk on your mobile phone while keeping a firm grip on the steering wheel, and hear the person you're talking to through your car's speakers. Thanks to wireless connection via Bluetooth®, the safety of your motoring lifestyle has evolved another step. Clarion has equipped its 2007 main unit lineup with Bluetooth® receivers featuring the next-generation wireless standard, known for its superiority against obstacles and providing communication at 1Mbps. By using a Bluetooth® compatible mobile phone, you can link your car to the outside world seamlessly, for streamlined, safe communication. Also, you can integrate a Bluetooth® compatible iPod® and control it from the main unit. We wish to create a new style of communication that will resonate with drivers of the IT generation, and to pursue an interface that boosts the safety of the mobile environment. Clarion H.M.I. concept, which is the harbinger of a new driving era, will cushion your car with an added sense of safety.



DESIGN that defies conventional thinking

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

A 3-dimensional form that casts off the stereotypical car interior, simple and stylish lines that suggest modern art, stand-out personality and individuality that break the traditional mold, and a human-machine interface that is fully attuned to the operations of the driver. As seen with the DXZ776USB, our high-end source unit models feature the SLIDETRAK sliding face on the left and right where you can perform various operations, and our five 1-DIN models DXZ476MP including the feature a meteor shower inspired aggressive design that is true to its name, "Shooting Star". What's more, with a variety of functional and attractive designs including our FB276BT model featuring a futuristic Metalshirk-like design, 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 fresh excitement into the mobile environment.



07 MULTIMEDIA

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.

Topping those is the MAX676VD AV source unit which not only delivers the high quality sound that you'd expect from the car audio specialists at Clarion, but takes a giant leap forward with 5.1-channel capability, 2-Zone entertainment and Bluetooth® compatibility. That means your rear passengers can enjoy watching movies with the full impact of surround, 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 receivers for a safer and more intelligent driving experience. That next generation wireless communication standard gives 1 Mbps communications with little 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, and you can talk hands-free for safer driving. And wireless connections to Bluetooth-ready portable music players mean seamless music enjoyment in and out of the car.



Bluetooth AUDIO/MOBILE-PHONE TRANSCEIVER 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 the unit, including a high-quality DVD video picture on the high-resolution monitor, 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 the best fits your needs with advanced AV functions and expandability. VRX776VD offers great flexibility and expandability through external device connectivity 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.

● Your choice of AV-units from 1- and 2-DIN configurations with Bluetooth® and USB connections

VRX576USB features a flip-out motorised 7-inch monitor for maximum performance in confined car spaces. It gives you finger-tip control of operations on the touch panel, iPod control and playback of MP3, WMA, AAC and other compressed media. And VRX376USB, with a 3.5-inch monitor, plays impressive video despite its compactness. Both are equipped with USB slots to connect to various devices and Bluetooth for hands-free conversations.



VRX776VD



MAX676VD



VRX576USB



VRX376USB

Multiple Media Playback in 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 digitalised 07 model lineup. We bring together in-vehicle entertainment and a variety of music media. You get DVD video to play live music performances, WMA, MP3 and AAC (via USB connector of VRX576USB and VRX376USB) compressed audio on CD-Rs and RWs in addition to music CDs, and iPod control. And 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. 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 Clarion multimedia station plays DivX files. DivX is today the world's more popular video compression format, that allows you to bring many videos with you whenever and wherever you wish.

*only available in VRX576USB and VRX376USB.

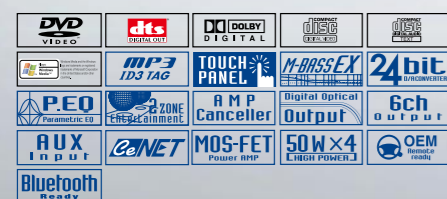
The VRX776VD demonstrates the maximum performance in the limited inner vehicle space. It delivers powerful video and sound in an amazingly compact size. And with wide versatility that provides opportunities for future system expansion, such as the ability to upgrade to 5.1-channel surround sound or 2-Zone system technology, the 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 switch 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



Made for iPod
Now iPod Video Ready

VRX776VD 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 x 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



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 CCD (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.



Ready for iPod Audio / Video



When connecting an iPod Video, you can access its video library and enjoy the music, as well as videos on the wide monitor screen. Connected iPod is recognised automatically, can be controlled on the display of the main unit and the wallpaper of the main display can be changed to that of the iPod.

*CCA-673 iPod video connecting cable is required.



The reality only high-definition can provide; the intensity only a big screen monitor can provide. Overwhelming sound and powerful expression of the 5.1-channel surround sound system fully realises the near infinite world of home theatre. Furthermore, the 2-Zone system allows the front seat and back seat spaces to be separated, and for separate audio or visual sources to be played back independently and simultaneously in these zones. Control over this overwhelming performance can be easily mastered using the smart touch operation and highly operable L-shaped button layout. And when it is installed into the console, it blends in with the look of your vehicle so smoothly that you would think it was the 2-DIN main module designed specifically for your car. With the addition of compatibility with new types of media including iPod® control, and with the feeling of fingertip control over all of the functions, you can immediately appreciate the extra touch of elegant status that only the MAX676VD can provide.

Outstanding sense of presence and visibility brought together inside the vehicle



Made for iPod

Now iPod Video Ready

MAX676VD

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

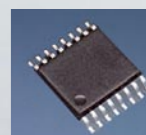


- DVD±R/DVD±RW/CD-R/CD-RW ready
- MP3/WMA compatible with ID3/WMA-TAG display • 18 FM, 6 AM station presets • DSP tuner with variable band width • iPod direct connection and control
- 2-Zone entertainment: front and rear separate source control • 24-bit D/A converter • 3-band parametric equaliser
- 4-channel x 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

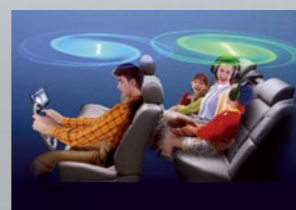
24-bit DAC

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.



True 2-Zone Entertainment

Clarion's 2-Zone entertainment feature offers more flexibility when it comes to 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.



5.1-channel Dolby Digital/dts Surround

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



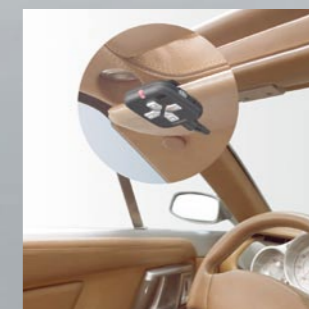
Digital Media Ready

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 is 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 the Clarion and Bluetooth 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 cell 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 like you'd never expect.

High functions and operability. This is new standard. Setting new standards for features and performance.

Clarion understands the needs of mobile entertainment enthusiasts is ever changing. To keep up with these 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 input or add a rear-view camera to make navigating parking lots easier and safer than ever. The VRX376USB puts multimedia and convenience where you'd never expect it.

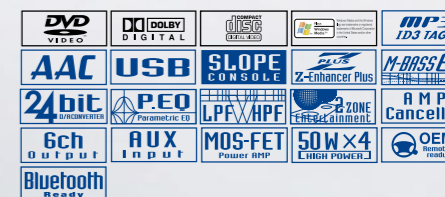
Entertainment delivered like never before

VRX376USB

DVD MULTIMEDIA STATION WITH 3.5-INCH MONITOR



Now iPod Video Ready



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 in a USB key in your VRX576USB or VRX376USB to access up to 15,000 tracks of MP3, WMA or AAC files from iTunes®. 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.



- DVD±R/DVD±RW ready • CD-R/RW ready
- MP3, WMA and iTunes® AAC (only USB) compatible with ID3-TAG display • Official DivX® certified product • Plays all versions of DivX® video (including DivX® 6) with standard playback

- 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

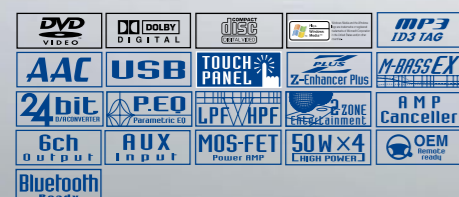
- DVD video and audio/video CD compatible
- Motorised sloping control panel with 3.5-inch TFT colour LCD monitor • Adjustable display brightness • Phone mute • 1 AUX AV input (2-channel audio + video) • 6-channel audio pre-out • AUX Bluetooth audio / mobile-phone transceiver BLT370 ready • OEM steering wheel remote interface capability • CCD camera input via video line-in with reverse gear connection
- Detachable control panel



Now iPod Video Ready

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 ID3-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 entertain-

- ment: 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 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

iPod Audio and Video Playback

The iPod has revolutionised the portable media industry like nothing before it. Clarion's dedication to integration with the iPod is unsurpassed. The features both iPod audio control and iPod Video playback.



* CCA691 "iPod connecting cable for music and video playback" is required.

DivX®

Both Clarion multimedia station plays DivX files. DivX has become the world's more popular video compression format, which allows you to bring videos with you whenever and wherever you wish.

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.



DVD±R/DVD±RW Playable

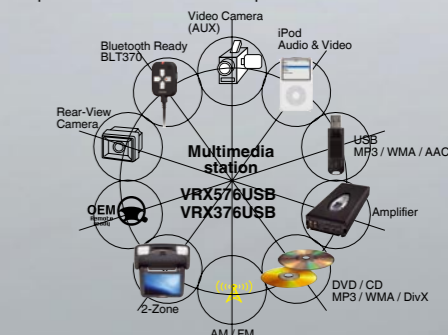
Both units are compatible with MP3/WMA/DivX® files on DVD±R/DVD±RW media formats. To enjoy hundreds of hours of your favourite music you can burn up to 3,000 tracks on your DVD split into 255 folders with maximum 3,000 tracks per folder.

MP3/WMA/iTunes® AAC Playback from USB Slot

Digitally compressed music is a way of life and more and more people store their entire music collection on their PC. Now, with MP3, WMA and iTunes AAC music file playback from USB connector, you can have all your music with you all the time.

Multimedia Station

Connectivity means being able to connect what you want, when you want to wherever you want. Clarion knows connectivity and so does the VRX376USB. We've equipped the VRX376USB with a USB slot for easy access to your music collection, a Bluetooth compatibility via the BLT370, an OEM steering wheel control interface input and a rear view camera input. Combine this with



MP3/WMA and iTunes AAC file format decoding, iPod audio and video connectivity and 2-Zone entertainment, Clarion offers everything you 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 CCDD (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 • 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 medial 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.

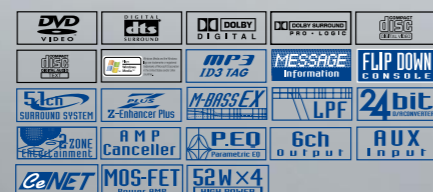
Can't Get Enough Music

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.



VXZ766

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



- 2-Zone entertainment: front and rear separate source control • Built-in 5.1-channel surround system: Dolby Pro Logic / Dolby Digital / dts decoder • Z-Enhancer Plus sound customisation • 2-band parametric equaliser • 24-bit D/A converter • 18 FM, 6 AM station presets • 4-channel x 52 watts of MOS-FET amplification • DVD video and audio/video CD compatible • DVD±R/RW ready • MP3 and WMA compatible with ID3-TAG display • CD-R/RW ready • VF display • Screensavers • CeNET control of: TV tuner, 6-disc CD changer • 2 video line-outs • 6-channel audio pre-out • 1 AUX AV input (2-channel audio + video) • CeNET iPod® interface EA1251 compatible

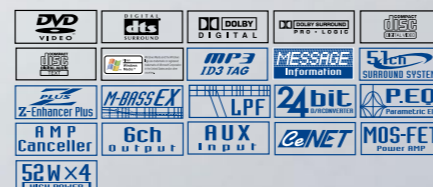
Easily bring DVD into the centre of your car entertainment

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



VXZ756BK

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



- Built-in 5.1-channel surround system: Dolby Pro Logic / Dolby Digital / dts decoder • Z-Enhancer Plus sound customisation • 2-band parametric equaliser • Burr-Brown 24-bit 6-channel D/A converter • 18 FM, 6 AM station presets • 4-channel x 52 watts of MOS-FET amplification • DVD video and audio/video CD compatible • DVD±R/RW ready • MP3 and WMA compatible with ID3-TAG display • CD-R/RW ready • Screensavers • CeNET control of: TV tuner, 6-disc CD changer • 2 video line-outs • 6-channel audio pre-out • 1 AUX AV input (2-channel audio + video) • CeNET iPod interface EA1251 compatible



Built-in 5.1-channel Decoder

Needless to say, 5.1-channel surround sound is a must for home theatre system today. Almost all DVD software is now encoded in the Dolby Digital or dts format, with incredible surround sound effect. VXZ756BK features built-in 5.1 channel decoder, that works with the internal 4-channel amplifier. All you need to do is hook up 4 speakers – front L/R and rear L/R – SRK604 centre speaker and an active subwoofer, then your vehicle literally becomes a mobile theatre.

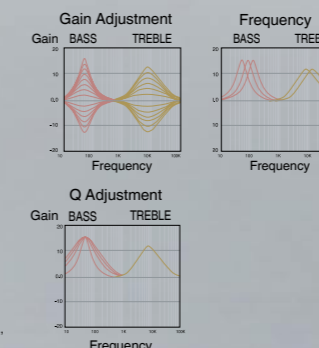
Internal DVD Player

Plays DVDs, with rich, realistic images and a sound quality that easily outperforms your CDs. By adding a rear monitor and using the existing monitor, you can enjoy new movies, dramas and concerts inside your car. This player plays CDs and MP3/WMA disc files. This is all you need to enhance and spice up your audio/video entertainment space.



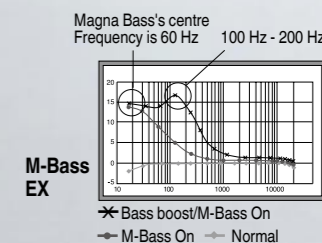
Z-Enhancer Plus: (2-band EQ) for Customised Sound Reproduction

Whether you want to emphasise the bass, or select a setting that provides more impact, Clarion's Z-Enhancer Plus offers three preset EQ patterns: Bass Boost, Impact, and Excite. Users can also select Custom 1 – Clarion's 2-band Parametric EQ. In this mode, you can adjust the gain, Q and frequency of each band for a customised sound.

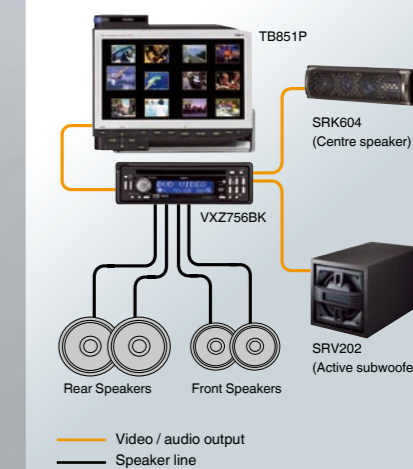


Magna Bass EX

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



System Example



*There is no guarantee that all units in this catalogue play CCCD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD±R/RW.

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*

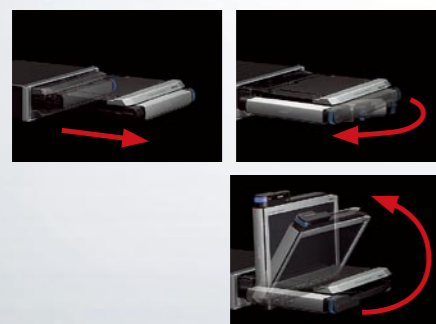
*CAA188 (Sold Separately) is required.
*The CCA623 (Sold Separately) is required when using this unit as an audio-visual input terminal. CCA623 / RCA transfer cable for TB851P: 1-channel RCA (L/R/V) input, 1-channel RCA video output

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 on-dash monitor unit, or where there is only 1-DIN space available, you can experience superior presence and visibility that this in-dash monitor delivers.



Wide 8-inch Display

This wide 8-inch display breaks through previous notions of in-dash monitors. Its large image with high resolution and superior visibility offers excellent results for DVD viewing, such as movies and concerts, as well as TV viewing. By connecting the DVD main unit VXZ766, VXZ756BK and VB476 or DVD changer VCZ625, an exciting car entertainment environment can be easily created.

Tilt & Slide Mechanism

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



Multi 12 or 8 Screens Channel Selection Function

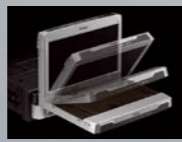
Programmes being broadcast can be checked on the multi-screen with its grid of 12 or 8 sub-screens, allowing quick selection of the channel you wish to view. Since you don't need to flip through channels to check what's on, you can enjoy a much more efficient way of TV viewing.



TB741P TB742P China PAL TB743W NTSC

- #### 7-INCH WIDE COLOUR LCD TV
- Fully motorised 7-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), except TB743W
 - 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 + video) (PAL/NTSC compatible, auto)
 - CCD camera input*

*The CCA188 (Sold Separately) is required.



In-Dash 7-Inch Monitor with Fully Motorised Mechanism



TTX754 PAL TTX7501Z NTSC TTX7503Z PAL/SECAM CeNET TV TUNER

- CeNET controlled • Diversity tuner system
- 1 AUX AV 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.

DB346MPV not only lets you play music but also allows you to enjoy VCDs by connecting it to a monitor. VCZ625 fills your drives with entertainment including movie DVDs, your favourite CD albums, and original CDs filled with MP3 files for hours and hours of non-stop joy. Enhanced integration capabilities with existing systems and digital media let these models boost your in-can enjoyment through images and music.

You can now get images and music with astonishing cost-performance



DB346MPV CD/VCD/MP3 RECEIVER



- Z-enhancer • Magna Bass EX dynamic bass enhancement • 4-channel audio pre-out • 4-channel x 50 watts of amplification • audio/video CD compatible • 18FM, 6AM station presets • Blue negative LCD with blue buttons • 13-segment 8-digit LCD • Aluminium faceplate • 1 video line-out



Detachable control panel

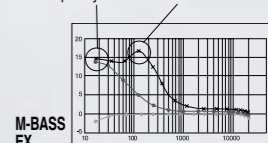
Z-Enhancer

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.

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.

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



M-BASS EX
* Bass boost/M-Bass On
◆ M-Bass On
▲ Normal

System example



DVD Video, VCD plus Music CD and MP3

The compact VCZ625 changes the rules for disc changers. It offers big performance — playing back DVD video, VCD, CD audio, CD-R/RW, and even MP3 discs — in a package small enough to use almost anywhere. Add the VCZ625 to your system for continuous playback with the rich, full immediacy of theatre and live performances. You can even play back your own mixes of MP3 files you've burned to disc. And to move up to the full 5.1-channel theatre sound system experience, just add Clarion's DVH940 5.1-channel surround decoder (sold separately).

VCZ625

6-DISC DVD/CD/VCD/MP3 CeNET CHANGER



- Optical output • MP3 compatible • 2 system configurations possible: Full control with remote controller/Easy control with CeNET
- DVD video playback with multi-angle and multi-functions (depending on the video software) • Disc indicator • 2 video line-outs



Excellent solution for 5.1-channel surround sound systems



DVH940

DOLBY DIGITAL/dts CeNET PROCESSOR



- Built-in decoder for Dolby Digital (AC3) and dts with 5.1-channel output
- Built-in decoder for virtual 5.1-channel "Dolby Digital Pro Logic II" system
- Integrated Digital Sound Field (DSF) processor
- Front/Centre/Rear surround channels with adjustable crossover frequencies (HPF) THROUGH /50/80/120 Hz
- Adjustable crossover frequency (LPF) 50/80/120 Hz for subwoofer
- Optical input
- Includes optical cable: DCA-005 (5 m) for MAX676VD/VRX776VD/ VCZ625
- Analogue input with adjustable HIGH/MID/LOW
- Dimensions: 230 (W) x 170 (D) x 25 (H) mm



DVC920

DOLBY DIGITAL/dts CeNET PROCESSOR CONTROLLER

- Contrast adjustment
- Screensavers • DVH940 commander available for any main unit with 2-channel audio pre-out



SRK604

CENTRE SPEAKER SYSTEM WITH POWER AMPLIFIER



- Compact speaker for 1DIN or surface-mounting on the dashboard
- 3 cm metallised PEI parabolic dome mid-range x 2
- 2 cm metallised PEI balanced-drive tweeter
- 40 W high power amplifier included
- Dolby Digital-ready
- Centre speaker level control/sub woofer level control



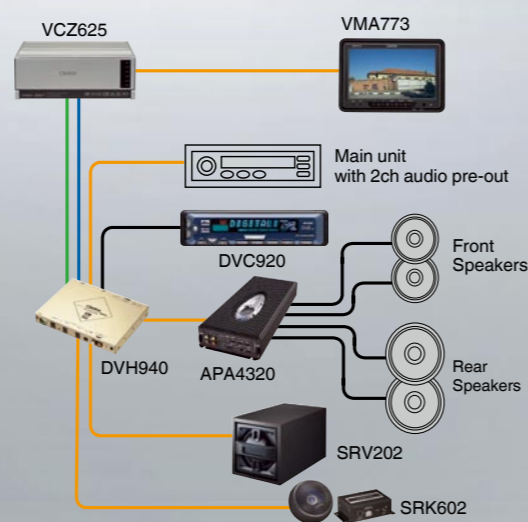
SRK602

CENTRE SPEAKER SYSTEM WITH POWER AMPLIFIER



- 6 cm 2-way coaxial speaker with 40 watts high power amplifier
- Thin and small size for easy installation
- Efficiency: 85 dB/W/m
- Frequency response: 140-40,000 Hz

System examples



— CeNET cable
— Digital optical cable

Multimedia Features

		VRX776VD	MAX676VD	VRX576USB	VRX376USB	VXZ756BK	VB476	VXZ766	DB346MPV
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	18FM,6AM	18FM,6AM	18FM,6AM	18FM,6AM
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	24-bit	-	24-bit	-
Z-Enhancer Plus sound customisation		-	-	●	●	●	-	●	-
Parametric equaliser		2BAND	2BAND	2BAND	2BAND	2BAND	-	2BAND	-
Built-in HPF		-	-	120Hz/THROUGH	120Hz/THROUGH	-	-	-	-
Built-in LPF		-	-	50Hz/80Hz/120Hz/THROUGH	50Hz/80Hz/120Hz/THROUGH	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	MOS-FET 4 x 52W	4 x 45 W	MOS-FET 4 x 52W	4 x 50W
APPEARANCE									
Full-loading / Motorised sloping console		Full-loading	Motorised sloping console	Full-loading	Motorised sloping console	-	Flip-down 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	1	-	1	-
Video line-out	Front	-	-	-	-	1	1	1	1
	Rear	1	1	1	1	1	1	1	-
Auxiliary audio input		2ch	2ch	2ch	2ch	2ch	2ch	2ch	-
Audio input sense		(LOW/MID/HI)	(LOW/MID/HI)	(LOW/MID/HI)	(LOW/MID/HI)	(LOW/MID/HI)	-	(LOW/MID/HI)	-
Audio pre-out voltage		2V	2V	2V	2V	2V	2V	2V	2V
Audio pre-out for 2-Zone		F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch
Audio pre-out for 2-Zone		2ch	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 wired interface 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 (quick 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	Y (audio only)	Y	Y
EA1276	07 CeNET audio	Y (audio only)	Y (audio only)	Y	Y (audio only)	Y	Y
EA1251*	06 CeNET audio	Y (audio only)	Y (audio only)	Y	Y (audio only)	Y	Y
BC001N-DGL370	FB276BT/BLT370	-	-	-	-	-	-
BC002M-DGL370	FB276BT/BLT370	-	-	-	-	-	Y
BC003V-DGL370	FB276BT/BLT370	-	-	Y	-	-	-

*control via CD changer mode

Enjoy DVD video just by installing monitors where you want in the car. Connect them to the main unit and great-looking video is yours. Set them up as stand-alone rear seat monitors, or use them in a 2-Zone system where the front and rear are in separate zones. The diverse lineup of monitors lets you choose what is best for your kind of motoring life.

Choose high quality monitors that meet your needs for stand alone and 2-Zone systems



VS1078HM

DVD EXTENSION MODULE FOR OHM1073



- DVD±R/RW, CD-R/RW compatible • DivX®(5.x)/MPEG4/AVI compatible • MP3/WMA (CD/DVD) compatible • Official DivX® certified product • Plays all versions of DivX® video with standard playback of DivX® media files



OHM1073

10.2" OVERHEAD FLIP-DOWN MONITOR

- Docking-station for optional DVD extension module/VS1078HM • IR audio output transmitter for WH143H • Front/rear IR remote sensor • 2 A/V inputs & 1 A/V output • 2 dome lights with auto/on/off control

VS778HM

DVD EXTENSION MODULE FOR OHM773



- DVD±R/RW, CD-R/RW compatible • DivX®(5.x)/MPEG4/AVI compatible • MP3/WMA (CD/DVD) compatible • Official DivX® certified product • Plays all versions of DivX® video with standard playback of DivX® media files



OHM773

7" OVERHEAD FLIP-DOWN MONITOR

- Docking-station for optional DVD extension module/VS778HM • IR audio output transmitter for WH143H • Front/rear IR remote sensor • 2 A/V inputs & 1 A/V output • 2 dome lights with auto/on/off control

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

VMA773

7"/16:9 HEADREST/STAND-ALONE MONITOR



- 2 A/V inputs (rear RCA & front minijack input) • Dual channel IR audio output transmitter for WH253H • Headset mount capability

VMA573

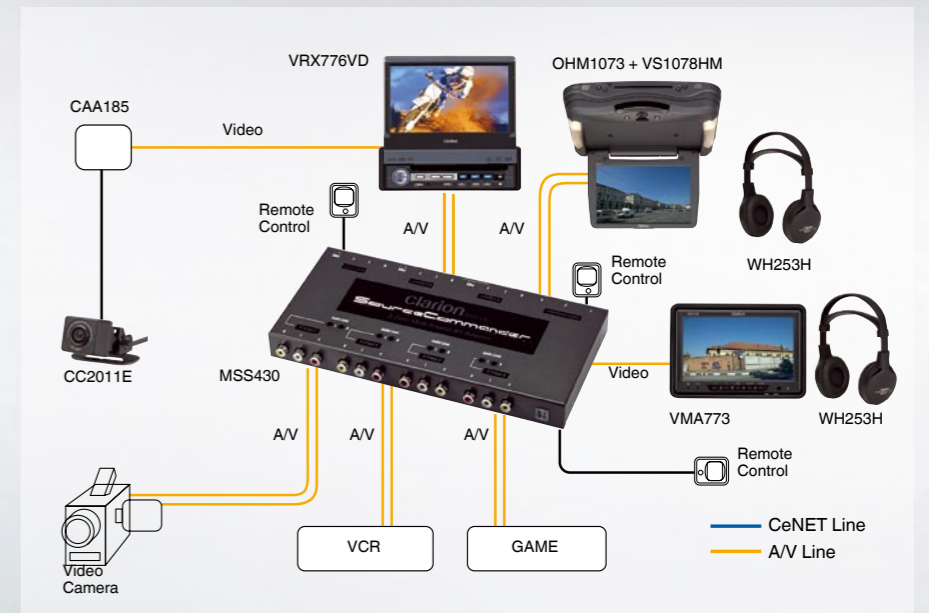
5.6"/16:9 HEADREST/STAND-ALONE MONITOR



- 2 A/V inputs (rear RCA & front minijack input) • Dual channel IR audio output transmitter for WH253H • Headset mount capability

Multi-Zone System

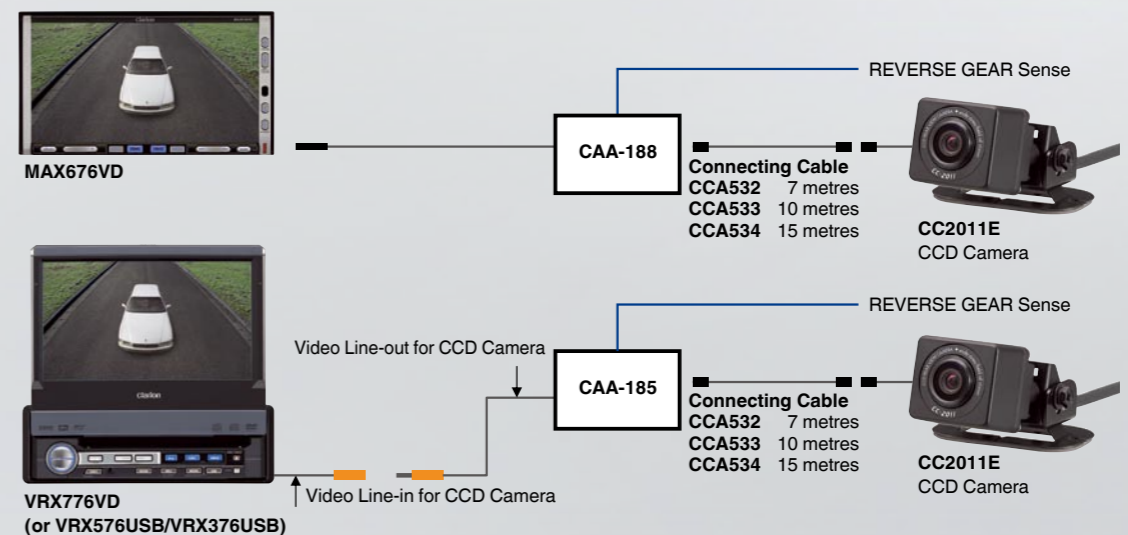
Clarion's MSS430 multi-zone "Source Commander" is an advanced audio and video switcher with a built-in video amplifier for exceptional video signal on up to three monitors using Composite Video inputs. It can accept up to 4 different video sources (such as DVD, Portable Media, Video Game and Rear View Camera) and send any combination of the source inputs to each of the three zones independently. Each zone contains a Composite Video output for a monitor and 2-channel RCA outputs for headphones or a zone amplifier/processor. This configuration is ideal for traditional candidates like SUVs and large sedans, but the possible applications extend to recreational vehicles, travel coaches, limousines and ultra high-end executive vehicles. Clarion has all the necessary support items like WH143H / WH253H wireless headphones, several LCD monitor choices and even FM modulators. Clarion multimedia is the future.



ACCESSORIES

<p>MSS430 MULTI-ZONE AUDIO/VIDEO SWITCHER</p> <ul style="list-style-type: none"> • 3 control station and mounting bezel included • Audio level gain control • Multi-source switching of 4 A/V sources with up to 3 different zones (monitors) • 4 A/V inputs • 3 A/V outputs • Rear view camera reverse trigger input 	<p>VA700 VIDEO DISTRIBUTION AMPLIFIER</p> <ul style="list-style-type: none"> • 1 gain control • 1 video input • 7 buffered 75 ohm video outputs • Stable video signal for up to 7 LCD monitors 	<p>FM200 FM MODULATOR</p> <ul style="list-style-type: none"> • 2-channel audio input • On/Off switch • Volume level control • FM reception frequency: 88.7MHz/89.1MHz 	<p>WH143/WH143H/WH253H WIRELESS HEADPHONE SYSTEMS</p> <ul style="list-style-type: none"> • WH143H: IR wireless single headphones • WH253H: Dual channel IR wireless single headphones
<p>CC2011E ULTRA COMPACT COLOUR CCD CAMERA (MIRROR IMAGE)</p>	<p>CAA188 POWER BOX FOR CCD CAMERA</p> <ul style="list-style-type: none"> • 8-pin mini-DIN output for MAX676VD • Reverse gear connection • Manual on/off switch • 12V compatible 	<p>CAA185 POWER BOX FOR CCD CAMERA</p> <ul style="list-style-type: none"> • Video line-out with reverse gear connection for VRX776VD, VRX576USB and VRX376USB • NTSC video line-out for all other LCD with NTSC input • 12V compatible 	<p>COMPACT CAMERA CABLES FOR CC2011E</p> <ul style="list-style-type: none"> • Connecting cables for compact camera • CCA532 (7m) • CCA533 (10m) • CCA534 (15m)

CCD Camera System



• DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.
 • 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.
 • 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.

07 MAIN UNITS

THE LINK BETWEEN YOU AND YOUR MUSIC

Music 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 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.

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



Plug it in and crank it up! Connect any audio and video portable device. 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 entire music collection onto a USB memory stick. Then simply plug it in to your Clarion USB-enabled radio and listen to countless hours of your favourite music. For 2007, Clarion USB-enabled radios 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.



Control of iPod®s on the Main Unit

The EA1276 interface takes iPod integration to another level. Featuring the capability of navigation



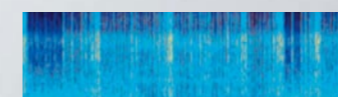
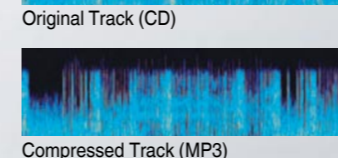
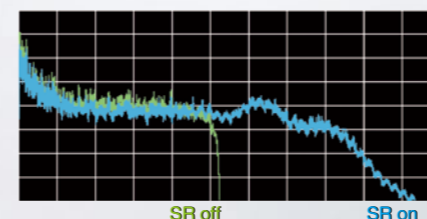
through playlist, similar to changing tracks on a CD. The EA1276 will charge the battery in your iPod as you listen, so you'll be ready to go when you arrive at your destination.

Support of Wide Variety of Digital Era Media and Compression Formats

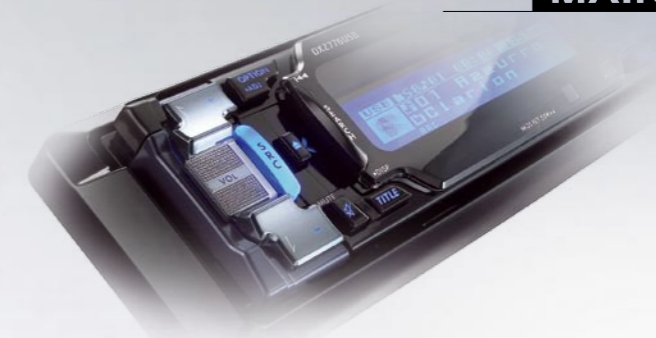
Buying music online is as easy as a click of the mouse. Now, playing that music is just as easy. Clarion adds Apple iTunes® AAC file support to our existing MP3 and WMA compressed digital audio compatibility.

"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 Put Together to Associate with 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.

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 in 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 of 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.



Bluetooth® allows hands-free communications with a wireless connection to your mobile phone to support safer communications on the road. Just speak with your hands firmly on the wheel and the other party will hear you. And you, likewise, hear the person you are talking to from your car's speakers. What's more, iPod® control lets you listen to the music on your iPod®, as well as enjoy photos and video, broadening the enjoyment of motoring to cover entertainment as well as communications.

The next-generation source unit encased in an innovative design that goes beyond traditional concepts exhibits an unconventional form resembling shark gills, has 728-variable-colour illuminated light performance, and features a smooth texture in creamy white acrylic. A fusion of that design with technology enabling features such as hands-free communication through a built-in Bluetooth® receiver and music playback from a convenient SD memory card slot is paving a new path for main units.

Bluetooth technology in the car makes communications 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

*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 you iPod on your car's stereo.



Direct iPod connection

Now iPod Video Ready

 MAX676VD	 VRX776VD	 VRX576USB	 VRX376USB
 CCA673 iPod video connecting cable	 CCA673 iPod video connecting cable	 CCA691 iPod video connecting cable	 CCA691 iPod video connecting cable
 CCA670 iPod connecting cable	 CCA670 iPod connecting cable		

CeNET - iPod Interface

Interfaces to enjoy iPods with full operation



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, VXZ766, VXZ756BK and HX-D2

*Compatible with '06 or older CeNET Models

The fusion of innovative form and technology heralding the coming of a new age



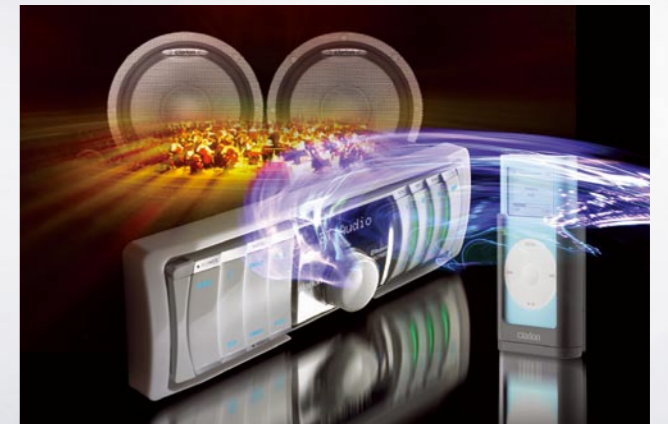
FB276BT

Bluetooth SD/MP3 RECEIVER



The next-generation source unit

- Built in Bluetooth audio streaming (A2DP & AVRCP)
- Built in Bluetooth Hands-free (HFP & HSP)
- MP3 playback via SD card slot



- SD slot for music playback • MP3 compatible with ID3-TAG display • Built-in Bluetooth wireless technology for: headset and hands-free profile / audio-streaming and remote-control • 18 FM station presets • 4-channel x 50 watts of amplification • Flip-down control panel • 728-variable colour illuminated design • Auxiliary input • 2-channel audio pre-out • External microphone included



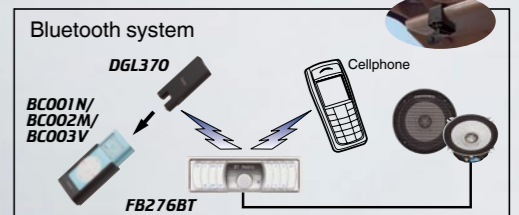
728-variable colour illuminated design

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 external sources easy, and an ID3-TAG Display offers for simple manipulation of compressed music formats such as MP3. In addition, the 728-variable colour illuminated keys provide brilliant illumination for your interface.

Simple controls with the minimum necessary buttons

FB276BT is like no other main unit - with its intuitive H.M.I. designs that minimises the number of buttons while maximising functionality. Each button is large and easy to use while at the same time its appearance is camouflaged by its stylish design that makes the buttons appear to be not existing at all.



Floating Interface Created by Display Lighting

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.



Memory Card Audio with No Mechanical Parts Using SD Memory Cards

The next evolution in mobile audio - no moving parts. FB276BT features a 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 optional Bluetooth transmitter) for even more music choices. The revolution is here and its name is FB276BT.



SD card slot



Note: The trademark and the Bluetooth logo® are owned by the Bluetooth® SIG, Inc. and any utilization of these trademarks by Clarion is carried out under license. The other trademarks and commercial names are the property of their respective owners.

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.

Fusion of best sound quality and safety control

DXZ776USB

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



SLIDETRAK Controls

- 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



- 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 x 53 watts of MOS-FET amplification • Motorised sloping console • 728-variable colour display and illuminated keys • Full dot display with Screensavers • "SLIDETRAK" for dynamic operation • Cellular input and Phone mute



728-Variable Colour

SLIDETRAK

Clarion takes H.M.I. to yet another level with the introduction of SLIDETRAK. SLIDETRAK provides precise control of the key features on the main unit. With a simple swipe of the fingertip, you can easily



control key functions. In addition, SLIDETRAK maximises the available space on the main unit's face to create a large easy to read display. Through the SLIDETRAK operation, the button size increases to the maximum so the driver can keep the eyes on the road while operating the source unit. It enables safer driving.

USB Connector

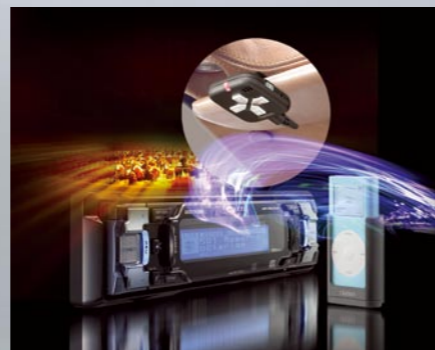
Copy, Paste, Play - with Clarion's USB Connector, accessing your music collection is just that easy. And, with access to 65,025 songs, there's seemingly no limit your musical boundaries.

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, supports greatly the safety in driving. Conversations are possible via wireless connection of the phones to the vehicle audio systems. With Bluetooth-ready iPods, music reproduction from and control of iPods can be done through the main unit.



Digital sound has never sounded so good. With Clarion's Sound Restorer signal processing and a unit 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

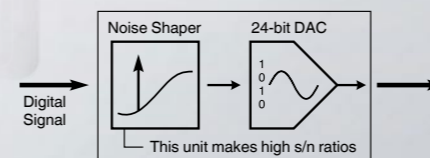
DXZ676USB

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 x 53 watts of MOS-FET amplification • Motorised sloping console • Full dot display with Screensavers • "SLIDETRAK" for dynamic operation • Cellular input and phone 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 cellular 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, said to be the de facto standard for compression, as well as AAC with higher compression ratio are supported. This facilitates you with easy enjoyment in the car of music data downloaded from music stores on the internet. ID3-TAG Display offers more ease of use of each of the formats flexibly.



Full-dot LCD Display

The HMI display in the DXZ676USB features a full-dot LCD design 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, 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.

4 x 53W MOS-FET Power Amplifier

MOS-FETs, known to have superior performance as power amplifier audio components, are employed in 4 x 53W high power amplifier, which Clarion boasts its quality and performance. MOS-FETs' linear and low-distortion performance drastically improves S/N ratio at higher frequency range, which is more susceptible to noise, making the listeners enjoy sound reproduction ever closer to the original sound.



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) and 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 wide range of devices and with USB memories, as well as data transfer of 65,025 music with a simple plug-in.

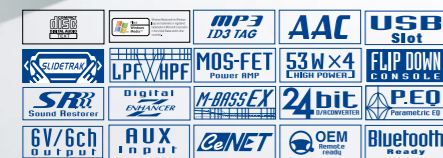
SLIDETRAK

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 contents by way of extracting harmonic overtone elements from the compressed data and reproduction quasi equal to the original sound expression can be realised.



- 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 x 53 watts of MOS-FET amplification • Flip-down console • High visibility 2-line display with Screensavers
- "SLIDETRAK" for dynamic volume control
- Cellular input and phone 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

Equipped with a USB port for extended musical style and expression



DB566USB

CD/USB/MP3/WMA RECEIVER

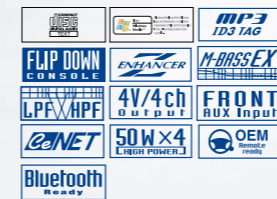


- Front USB slot • Z-Enhancer sound customisation • 18 FM, 6 AM station presets • 4-channel x 50 watts of MOS-FET amplification • MP3 and WMA compatible with ID3-TAG display • CD-R/RW ready
- High contrast white negative display (13 x 8 digits) with screensavers • 4-channel audio pre-out • Auxiliary input • Detachable control panel

The new DXZ476MP feature 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. The organising of 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's 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



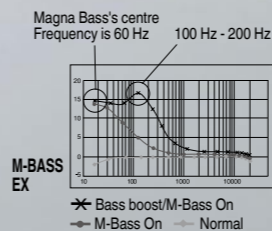
- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM, 6 AM station presets • iPod® control capability via optional EA1276 • Subwoofer volume control • Z-Enhancer sound customisation
- MAGNA BASS EX dynamic bass enhancement • Built-in High-pass filter & Low-pass filter • Built-in amplifier canceller

- 4-channel x 50 watts amplification • Flip-down console • High visibility 2-line display with Screensavers • Cellular input and phone 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

Connecting to iPod Videos brings you enjoyment of your favourite tunes in the iPod's library through the speakers in the car. Control of iPods is done on the main unit screen, so it is easy to operate, as if iPods are part of your 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 DXZ476MP put them right on the front panel. Plug in your portable music player, and enjoy music the way it was meant to be heard.

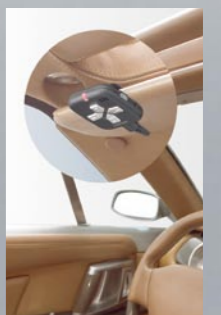


High Visibility Display

The 13-Segment 2-line display on the DXZ476MP makes using your radio 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 checking 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 all can enjoy hands-free communication from your cellular phone and streaming audio for any compatible device. 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



- 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 • High

- visibility single line display with Screensavers • Cellular input and phone mute • Front-panel auxiliary input with level control • 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 capability • AUX Bluetooth transceiver BLT370 ready



DB176MP

CD/MP3/WMA RECEIVER



- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • 18 FM, 6 AM station presets • Z-Enhancer sound customisation • MAGNA BASS EX dynamic bass enhancement • 4-channel x 50 watts amplification • High visibility single line display with Screensavers • Cellular input and Phone

- mute • Front-panel auxiliary input with level control • 2-channel audio pre-out • AUX Bluetooth transceiver BLT370 ready

DXZ276MP

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 • Z-Enhancer sound customisation • MAGNA BASS EX dynamic bass enhancement • Built-in amplifier canceller • 4-channel x 50

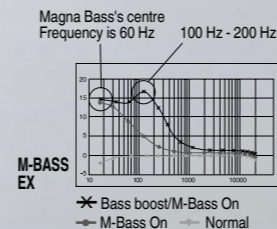


- watts amplification • High visibility single line display with Screensavers • Cellular input and phone mute • Front-panel auxiliary input with level control • 2-channel audio pre-out • CeNET control of: DVD changer, TV Tuner, 6-disc CD changer and iPod • OEM steering wheel remote/wired interface ready • AUX Bluetooth transceiver BLT370 ready



Magna Bass EX

Compared to conventional loudness features, which boost the low frequency range of 100 Hz, Magna Bass boosts the ultra-low frequency range with a centre frequency of around 60 Hz. For additional bass response, Clarion has added Magna Bass



EX, which goes beyond Magna Bass by boosting the ultra-low frequency range centered around 60 Hz. This feature also reduces noise thanks to its automatic compensation function, which produces a well-balanced, dynamic bass sound no matter how loud you play the music.

MP3, WMA and ID3-TAG

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

Bluetooth

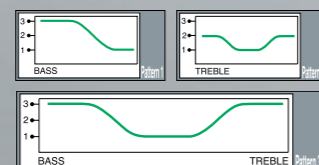
Hands-free calls on your mobile phone supports safe driving. Wireless linkage with the source unit enables you to make calls using your car's system. Furthermore, iPod linkage allows you to play music and control your iPod on your car system without the need for a cord.

iPod Interface EA1276 Control (DXZ376MP/DXZ276MP)

Connecting to an iPod brings you enjoyment of your favourite tunes in the iPod's library through your audio system in the car. Control of the iPod is done on the main unit screen and as the unit recognises the connection automatically, it is possible to operate the iPod as if it is a part of your system.

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.



Front Panel Auxiliary Input

Who would have thought that something so simple could be so useful? All Clarion CD source units feature an auxiliary input, but the DB176MP through DXZ376MP put them right on the front panel. Plug in your portable DVD player, and enjoy music the way it was meant to be heard.

Subwoofer Volume Control

For added control, Clarion allows you to manage your sound system's subwoofer output level directly from the source unit.



DB166

CD RECEIVER



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



FB276BT and DUB276MP/DUB276MPW are the ultimate harmony of function and design. Their looks are not only highly stylised, 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.

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



FB276BT

DUB276MP/DUB276MPW
2-DIN CD/USB/MP3/WMA RECEIVER



- CD-R/RW ready • MP3 and WMA compatible with ID3-TAG display • Front USB slot (supports max. 255 folders and max. 15,000 files in folders)
- 18 FM / 6 AM station presets
- Z-Enhancer sound customisation • MAGNA BASS EX dynamic bass enhancement • 4-channel x 50 watts of MOS-FET amplification • High visibility single line display with Screensavers
- 728-variable colour display and illuminated keys
- Front-panel auxiliary input with level control • 2-channel audio pre-out • AUX Bluetooth transceiver BLT370 ready • OEM Steering wheel remote wired interface capability



DUB276MPW

USB Input for Compressed Digital Audio

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.



Front USB slot & AUX input



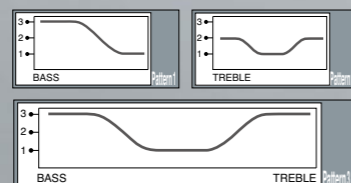
DUB276MP

4 x 50 W MOS-FET Power Amplifier

MOS-FET amplification is the only way for Clarion's DUB276MP/DUB276MPW to deliver 4-channel x 50 watts unyielding power output and superior linearity. Smaller and more efficient than conventional power supplies, this MOS-FET amplification circuit delivers power with less distortion and no switching noise. So crank it up, or turn it down for easy listening.

Z-Enhancer Changes Tonal Balance

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



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 gage cluster illumination. Users can choose from 728 colour possibilities.



728-variable colour

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

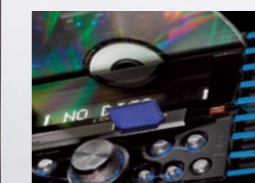
DFZ667MC
2-DIN CD/SD/MP3/WMA RECEIVER/CeNET CONTROL



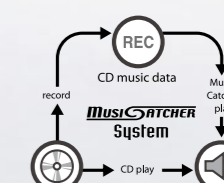
- 728-variable colour • Music Catcher II CD recorder and SD slot • iPod® control capability via optional EA1276 • Digital Z-Enhancer
- MAGNA BASS EX dynamic bass enhancement • 18FM, 6AM station presets • 4-channel x 50 watts of MOS-FET amplification • MP3 and WMA compatible with ID3-TAG display • CD-R/RW ready • CeNET control of: DVD Changer, TV tuner, 6-disc CD changer and iPod® • 4-channel audio pre-out • Front panel auxiliary input • Active screen-savers



Compatibility with a Wide Range of Media



Music Catcher II "4 Times Speed" Digital Recording



The essence of audio is alive in its design



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

CD & cassette model equipped with EQ and Speana Patterns for the mainstream listener

ADB341MP
2-DIN CD/MP3/CASSETTE RECEIVER



- 18 FM, 6 AM station presets
- 4-channel x 50 watts amplification • 3-band graphic equaliser
- MP3 compatible with ID3-TAG display • CD-R/RW ready
- Full logic tape transport • Auto programme control (APC)
- Spectrum analyser • Screen-saver • 2-channel audio pre-out
- Auxiliary input



CD loading slot



Flip down control panel



Main units feature comparisons

		HX-D2	DXZ776USB	DXZ676USB	DXZ576USB	DB566USB	DXZ476MP	DXZ376MP	DXZ276MP	DB176MP	DB166	DUB276MP/276MPW	WXZ466MP	DFZ667MC	AD8341MP	FB276BT
MEDIA	CD-R/RW ready	CD-R/CD-RW	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Compressive audio media (MP3/WMA/AAC) via disc slot	MP3	–	●	●	●	●	●	●	●	–	●	●	●	●	●
		WMA	–	●	●	●	●	●	●	●	–	●	●	●	●	–
	USB slot	MP3	–	●	●	●	●	–	–	–	–	–	●	–	–	–
		WMA	–	●	●	●	●	–	–	–	–	–	●	–	–	–
SD slot	AAC	–	●	●	●	–	–	–	–	–	–	–	–	–	–	
	MP3	–	●	●	●	–	–	–	–	–	–	–	–	●	–	
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/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)	–	–	–	–	–	–	–	–
	D/A converter quality	Burr Brown 24-bit	24-bit	24-bit	24-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	1-bit	24-bit	1-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 (9band-G-EQ)	2 BAND	3 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	MOS-FET 4 x 50W	4 x 50W	4 x 50W	4 x 50W	4 x 50W	4 x 50W	MOS-FET 4 x 50W	MOS-FET 4 x 50W	MOS-FET 4 x 50W	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 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 27W	4 x 27W	4 x 25W	4 x 17W
APPEARANCE	Motorised sloping console/Flip-down console	–	●/–	●/–	●/–	–	●/–	–	–	–	–	–	–	–	–	●/–
	Display and button illumination colour	–	728 Variable	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	AMBER	728-Variable	WHITE	728-variable	–	728 Variable (display)
	Display character	VF display	FULL DOT	FULL DOT	13seg x 10 x 2-line	13seg x 8	13seg x 10 x 2-line	13seg x 8	13seg x 8	13seg x 8	13seg x 8	13seg x 8	VF display with Spectrum Analyser	LCD	VF display with Spectrum analyser	Dot Matrix
	Contrast/brightness adjustment	–/–	●/–	●/–	●/–	–/–	●/–	●/–	●/–	–/–	–/–	–/–	–/–	–/–	–/–	●/●
	Screensaver	–	●	●	●	–	●	●	●	●	●	●	●	●	●	–
	Message information	–	●	●	●	–	●	●	●	●	●	●	●	●	●	–
	Dimmer (Display / button)	–	●	●	●	●	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●
	Rotary volume control	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SLIDETRACK for dynamic operation	–	●	●	●	–	–	–	–	–	–	–	–	–	–	–
	CONNECT	Phone mute	–	●	●	●	–	●	●	●	●	●	●	●	●	●
Auxiliary input	REAR 2ch	REAR 2ch	REAR 2ch	REAR 2ch	Rear 2ch	Front	Front	Front	Front	–	Front	REAR 2ch	Front	REAR 2ch	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)	(LOW/MID/HI)	(LOW/MID/HI)	–	–	
Audio pre-out voltage	Max. 6V	6V	6V	6V	2V	4V	4V	2V	2V	–	2V	2V	2V	2V	2V	
Audio pre-out	8ch	F2ch+R2ch+SW2ch(gold) [NORMAL] or H2ch+MID2ch+SW2ch(3way) or H2ch+MID2ch+Rear2ch(2way)	F2ch + R2ch + SW2ch	F2ch + R2ch + SW2ch	F2ch + R2ch	F2ch + R2ch	F2ch + R2ch	F2ch + R2ch	F2ch + R2ch	R2ch	R2ch	F2ch + R2ch	F2ch + R2ch	F2ch + R2ch	2ch	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	–	●	●	●	–	●	●	●	–	–	–	–	–	–	–
Cellular input	–	AUX	AUX	AUX	–	AUX	AUX	AUX	AUX	–	AUX	–	–	–	–	
OTHERS	Remote controller included	●	●(RCB176)	●(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)	–	–	–	–	–	–	–	–

CASSETTE RECEIVER



ARX1970
CASSETTE RECEIVER/
C-BUS CONTROL



- C-BUS 6-CD changer control
- Auto reverse
- 4-channel x 50 watts amplification
- 2-channel audio output
- 18FM, 6AM station presets
- Rotary volume control
- Detachable control panel



AX430
CASSETTE RECEIVER/
C-BUS CONTROL



- C-BUS 6-CD changer control
- Z-Enhancer sound customisation
- Full logic tape transport
- Auto programme control (APC)
- 4-channel x 50 watts amplification
- 2-channel audio output
- 18FM, 6AM station presets
- Rotary volume control
- Detachable control panel



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

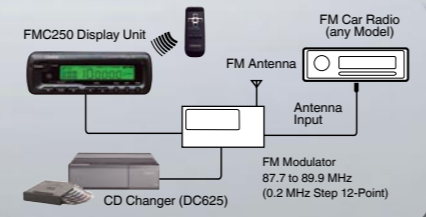
- 6-disc magazine • CD-R/RW ready • Horizontal or vertical mounting capability

FMC250
CD CHANGER CONTROLLER
WITH FM MODULATOR

- Play/Pause selector
- Repeat play • Random/Scan play • Track search
- Disc selector • Software controlled setup • Flush mounting bracket included



Play back CD sound on any FM car radio
The FMC250 controls a Clarion CD changer and plays back the sound via your FM car radio – no matter which brand. The FMC250 hideaway unit connects between your FM radio antenna input and the car antenna. Simply tune your radio anywhere from 87.7 to 89.9 MHz (0.2 MHz step 12-point) and listen to superior Hi-Fi CD sound in full stereo from the connected Clarion CD changer.



CD Changer specifications

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

MCD360
3-WAY ELECTRONIC CROSSOVER

- 18 dB/oct. Slope • Front/Rear subwoofer level control • Built-in bass EQ • Remote subwoofer level control (included) • Cross frequency multiplier • 2/4/6-channel inputs / separate F/R crossover • 6-channel line level output

EQS746
1/2-DIN GRAPHIC EQ/CROSSOVER

- 7-band graphic equalizer • 4-volt/4-channel audio pre-out (front/rear/subwoofer) • Adjustable master volume level control • Adjustable subwoofer level control • AUX input with adjustable gain • Selectable 12dB low-pass crossover (60Hz or 90Hz) • Gold plated terminals • Dimensions: 7" (W) x 1" (H) x 4" (D)

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

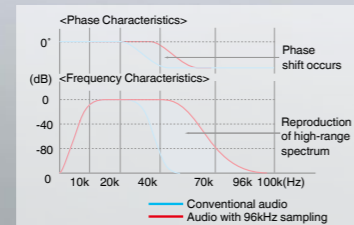


- Dual 24-bit / 96kHz sampling digital to analogue burr-brown converters and DSP
- Built-in 4-way crossovers
- 5-band parametric equaliser
- Digital time alignment for each line level output
- 8-channel/4-volt gold plate oxygen-free audio pre-out
- 0.5dB-step electronic volume adjustment circuit
- Copper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



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

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



96kHz Sampling D/A Converter



Copper Plated Chassis Prevents Sound Deterioration



World's First 0.5dB Step Electronic Volume Circuit



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

SRS1752HX 16.5 CM [6 1/2"] 2WAY COMPONENT SYSTEM



- 16.5 cm (6-1/2") fibreglass 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
- High-grade -12 dB/oct, 2 way crossover network with level attenuator(0,-3 dB)



SRM3093HX 30 CM [12"] SUBWOOFER



- 30cm titanium metallised MIPP cone woofer with rubber surround
- Double-stacked powerful strontium magnet
- Seamless parabolic cone structure for dynamic bass response
- Aluminium die-cast frame and cooling spacer for higher power handling
- Rear-vented pole piece



APA4300HX 4/3/2-CHANNEL AMPLIFIER



- Bridgeable for 4-,3- or 2-ch mode operation
- Power guard circuit
- Low-loss power supply with high power output
- Continuous average power output: 300 W (4 x 75 W into 4 ohms, 20 Hz-20 kHz, 0.002 % THD)
- Maximum power output: 600 W (4 x 150 W into 4-ohms)
- Stable down to 1-ohm load (High current)
- Variable 4-ch Low-Pass Filter and High-Pass Filter (50-200Hz)
- Bass extender (40~120 Hz, 0~+12 dB)
- Direct input
- Digital display with 4-channel status information
- Aluminium housing with built-in cooling fan
- 100 kHz extremely high frequency reproduction
- Dolby Digital/dts ready



SRH292HX 2 CM [3/4"] SUPER TWEETER



- 2cm (3/4") pure silk dome tweeter with dual neodymium magnet
- 2-way mounting (variable angle flush mounting/surface mounting)
- Extremely high frequency reproduction/120 kHz
- Includes -6 dB/oct. in-line network with level attenuator (0, -6 dB, -12 dB)



Only the chosen people are touched by original sound.



07 AMPLIFIERS SUBWOOFERS

AT THE SUMMIT OF CAR SOUND ALL LISTENER'S IDEALS BECOME REALITY.

Upgrade your system with polished circuit designs and unwavering power to a level of power and sound excellence that leaves no one in doubt. Digital circuitry renders tones and reverberation that have been inaudible unit now to their fullest.



APA4320

4 x 160W BRIDGEABLE POWER AMPLIFIER



- 4/3/2 channels bridgeable mode operation • 640 watts of maximum music power (4-channel x 160 watts into 4 ohms)
- Continuous average power output: 320 watts (4-channel x 80 watts into 4 ohms) • Typical bridged power output: 2-channel x 230 watts @ 0.2% THD • Typical 2-ohm stereo power output: 4-channel x 115 watts @ 0.2% THD • Bass Extender: 0/+15 dB @ 45 Hz • Independent front/rear adjustable crossover frequencies (HP/LP): 55 ~ 550 Hz or 550 ~ 5,500 Hz • Adjustable line level input 200 mV up to 6 V • Speaker level inputs to allow easy interfacing with factory car stereos • Soft mute On/Off circuitry • Gold plated isolated massive speaker and power supply connectors



APA2160

2 x 160W BRIDGEABLE POWER AMPLIFIER



- 2/1 channels bridgeable mode operation • 320 watts of maximum music power (2-channel x 160 watts into 4 ohms)
- Continuous average power output: 160 watts (2-channel x 80 watts into 4 ohms) • Typical bridged power output: 1-channel x 250 watts @ 0.2% THD • Typical 2-ohm stereo power output: 2-channel x 125 watts @ 0.2% THD • Bass Extender: 0/+15 dB @ 45 Hz • Adjustable crossover frequency (HP/LP): 55 ~ 550 Hz or 550 ~ 5,500 Hz • Adjustable line level input 200 mV up to 6 V • Speaker level inputs to allow easy interfacing with factory car stereos • Soft mute On/Off circuitry • Gold plated isolated massive speaker and power supply connectors



DPX11500

1500W MONO POWER AMPLIFIER



- 1500 watts of maximum music power • 1-channel x 800 watts into 4 ohms, 20Hz-20kHz @ < 0.05%THD • 1-channel x 1500 watts into 1 or 2 ohms, 20Hz-20kHz @ < 0.1%THD • Adjustable subsonic filter, 10-80Hz • Remote control included • Input voltage selector • Precise frequency selector • Variable bass boost; 0-15dB @ 30-125Hz • Adjustable -12dB/oct. Low pass crossover, 50-250Hz • Gold plated connectors; RCA/speaker/power • Speaker level input



APX4240

400W 4/3/2 CHANNEL POWER AMPLIFIER



- 400 watts of maximum music power • 4-channel x 60 watts into 4 ohms, 20Hz-20kHz @ < 0.1%THD • 4-channel x 90 watts 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



APX2120

200W 2/1 CHANNEL POWER AMPLIFIER



- 200 watts of maximum music power • 2-channel x 60 watts into 4 ohms, 20Hz-20kHz @ < 0.1%THD • 2-channel x 90 watts 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



APX1300

400W MONO POWER AMPLIFIER



- 400 watts of maximum music power • 1-channel x 300 watts into 4 ohms, 20Hz-20kHz @ < 0.1%THD • 1-channel x 400 watts into 2 ohms, 20Hz-20kHz @ < 0.1%THD • Selectable bass boost; 0dB/6dB/12dB @ 50Hz • Adjustable -12dB/oct. Low pass crossover, 50Hz-300Hz • Gold plated connectors; RCA/speaker/power • Speaker level input



Amplifiers specification

	APA4300HX	APA4320	APA2160	DPX11500	APX4240	APX2120	APX1300
AMPLIFIER BASIC INFORMATION							
Continuous power output (20-20,000 Hz, 4 ohms)	4 x 75W (4-ch.operation)	4 x 80W (4-ch.operation)	2 x 80W (2-ch.operation)	1 x 800W (1-ch.operation)	4 x 60W (4-ch.operation)	2 x 60W (2-ch.operation)	1 x 300W (1-ch.operation)
Maximum power output (Watts)	4 x 150 W	4 x 160 W	2 x 160 W	1 x 1500 W	4 x 100 W	2 x 100 W	1 x 400 W
Frequency response (Hz)	5 to 100,000 (±1dB)	10 to 50,000 (±1dB)	10 to 50,000 (±1dB)				
S/N ration at min. volume	112dB	100dB	100dB	72dB	80dB	85dB	68dB
Power consumption	48A	37A	19A				
Weight (Kg)	5.0	3.9	2.7				
Dimensions (W x H x D), mm	280 x 65 x 288	165 x 56 x 409	165 x 56 x 287				

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 SW Subwoofers offer incredible performance and value exceed the expectations of the most concerning listener, you!

Subwoofers that sound as good as they look



PXW1252
30 CM [12"] SUBWOOFER

• 1000 watts of maximum music power • 500 watts RMS • Dual 4-ohm heat resistant voice coils • Polypropylene electrolytic spun aluminum coated dust cap design • Kevlar/paper composite cone design • Co-polymer composite high excursion surround • Dual strontium ferrite magnet motor assembly • Hyper-extended vented pole piece • Dual gold plated block terminals • Linear poly-cotton spider with integrated tinsel leads • S.E.T. (Spider Exhaust Technology) cooling • Custom designed die cast aluminum • Hidden screw mounting gasket

PXW1552
38 CM [15"] 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



PXW1052
25 CM [10"] SUBWOOFER

• 1000 watts of maximum music power • 500 watts RMS • Dual 4-ohm heat resistant voice coils • Polypropylene electrolytic spun aluminum coated dust cap design • Kevlar/paper composite cone design • Co-polymer composite high excursion surround • Dual strontium ferrite magnet motor assembly • Hyper-extended vented pole piece • Dual gold plated block terminals • Linear poly-cotton spider with integrated tinsel leads • S.E.T. (Spider Exhaust Technology) cooling • Custom designed die cast aluminum • Hidden screw mounting gasket



PFW1051
25 CM [10"] SINGLE VOICE COIL

• 75 mm pointing depth • Polypropylene electrolytic spun aluminium coated cone woofer with co-polymer composite high excursion surround • Dual strontium ferrite magnet • Seamless parabolic cone structure for dynamic bass response • Aluminium die-cast frame and S.E.T. (Spider Exhaust Technology) cooling • Hyper-extended vented pole piece

SW1251
12" SINGLE 4-OHM VOICE COIL SUBWOOFER

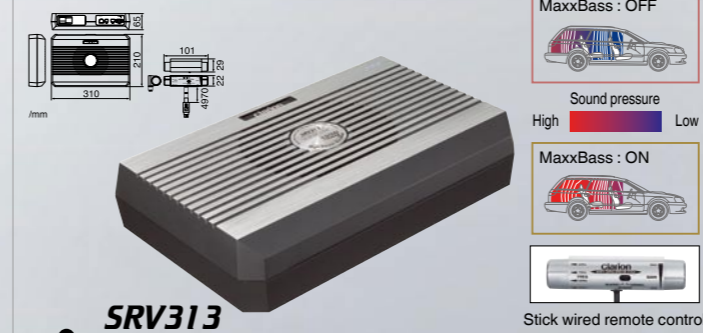
• 700 watts of maximum music power • 250 watts RMS • Single 4-ohm heat resistant voice coil • Polypropylene electronic spun aluminum dust cap • Fiber glass / paper cone design • Nitrile butadiene rubber high excursion surround • Dual strontium ferrite magnets • Hyper extended vented pole piece • Spider exhaust technology (SET) cooling • Dual gold plated terminal blocks • Linear cotton spider with integrated tinsel leads • Custom stamped steel powder coated chassis



SW1051
10" SINGLE 4-OHM VOICE COIL SUBWOOFER

• 600 watts of maximum music power • 300 watts RMS • Single 4-ohm heat resistant voice coil • 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

ACTIVE SUBWOOFER



SRV313
SLIM DESIGN 17 CM [6 1/2"] ACTIVE SUBWOOFER

• Dual voice coil • 120 W high power amplifier with low pass filter • Maxx Bass circuit for virtual bass enhancer • 17cm(6 1/2") counter drive woofer with dual-neodymium magnet • Air compression structure with aluminum die-cast enclosure • Remote control for gain control /low pass filter (selectable 50/75/100/120 Hz)/phase select • Blue LED power indicator • RCA line level input/Speaker high level input



SRV202
20 CM [8"] ACTIVE SUBWOOFER

• 120 W high power amplifier with low-pass filter • Dual voice coil woofer with strontium magnet • Air compression structure for dynamic bass response • Subwoofer level control for gain control/low-pass filter (55 ~ 130 Hz)/phase select controls • Leather finished MDF enclosure • RCA line level input/speaker level input

- Reproduction system
- Titanium metallised MPP cone woofer
- Speaker size
- Double-stacked powerful strontium magnet
- Seamless parabolic cone structure for dynamic bass response
- Aluminium die-cast frame and cooling speaker for higher power handling
- 4-ohm voice coil
- Rear-vented pole piece
- Rubber surround
- Dual neodymium magnet
- Wired remote control
- Edgewise voice coil
- Music-peak power (W)
- Continuous power (W)
- Frequency response (Hz)
- Efficiency (dB/W/m)
- FS (Hz)
- Qts
- Vas (litres)

Model	Reproduction system	Speaker size	Music-peak power (W)	Continuous power (W)	Frequency response (Hz)	Efficiency (dB/W/m)	FS (Hz)	Qts	Vas (litres)
SRM3093HX	Subwoofer	30 cm	1200	300	15-1,500	93	29	0.55	135.6
PXW1552	Subwoofer	38 cm	1500	750					
PXW1252	Subwoofer	30 cm	1000	500					
PXW1052	Subwoofer	25 cm	1000	500					
PFW1051	Subwoofer	25 cm	600	300					
SW1251	Subwoofer								
SW1051	Subwoofer								
SRV313	Active Powered Subwoofer	17 cm	120	60	30-200				
SRV202	Active Powered Subwoofer	20 cm	120	60	20-200				

07 SPEAKERS

POWERED TO PERFORM, CREATED TO OVERWHELM

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



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, SACD, 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 naturalsound 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 Generation Suppressing Rear-bend-ed Pole Piece

A vent construction that penetrates to the back plate has been adopted for the ball piece of the woofer. Smooth stroke of the diaphragm is realised by a combination of suppressing heat generation that accompanies increased output, and 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 3WAY Covering the Super-Upper Register

3WAY configuration unifying the woofer, mid-range and tweeter. A more real wide-range of sound can be reproduced because the range of sound from 28Hz bass sound to 35kHz super-upper register sound is covered.

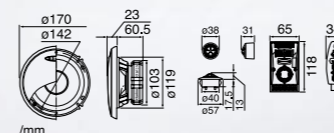
Lightweight, Highly Rigid MIPP Cone Woofer

An MIPP (Metalised 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, and a clear tone quality with very little distortion.

Component systems

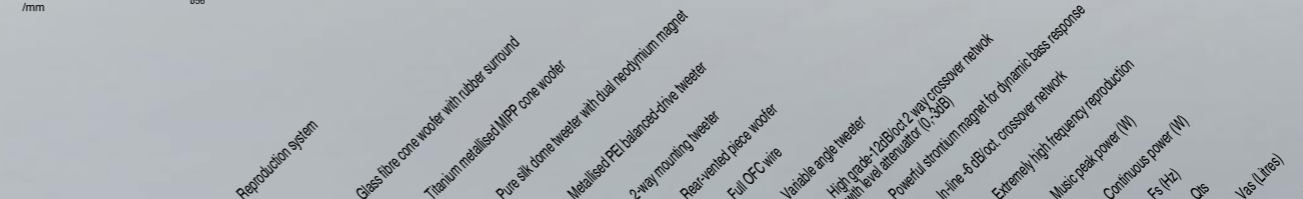
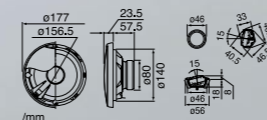
SRS1686

16 CM [6 1/2"]
2-WAY COMPONENT
SPEAKER SYSTEM



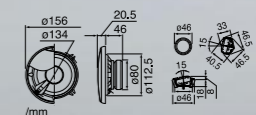
SRS1726

16.5 CM [6 1/2"] 2-WAY COMPONENT
SYSTEM



SRS1326

13 CM [5 1/4"] 2-WAY COMPONENT
SYSTEM



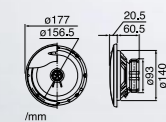
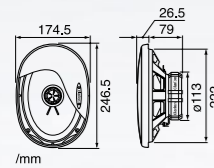
	Reproduction system	Glass fibre cone woofer with rubber surround	Titanium metalised MIPP cone woofer	Pure silk dome tweeter with dual neodymium magnet	Metalised PEI balanced-drive woofer	2-way coaxial woofer	Rear-vented pole piece woofer	Full OFC wire	Variable angle tweeter	High grade 120kHz 2 way crossover network with level attenuator (0-3dB)	Powerful sinterium magnet for dynamic bass response	In-line 3-6dB/oct. crossover network	Extremely high frequency reproduction	Misc. peak power (W)	Continuous power (W)	Fs (Hz)	Qts	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
SRS1686	2-way component system	160 mm	20 mm											120kHz	250	45	85	1.18	3.9	28-120,000	91
SRS1726	2-way component system	165 mm	25 mm											35kHz	250	40	60	0.66	25.5	28-35,000	92
SRS1326	2-way component system	130 mm	25 mm											35kHz	200	40	80	0.66	6.4	40-35,000	90

Unlike conventional 2-way speakers, these feature a tweeter that is mounted on the same axis and the same plane as the woofer diaphragm. The sound waves emanating from the tweeter are in-phase with the woofer, delivering frequency response that is flatter throughout the sound spectrum including the crossover frequencies, as well as a dramatic reduction in phase distortion. The tweeter guard is designed to protect the tweeter dome while minimising interference.

In-Phase coaxial

SRR6986

15 x 23 CM [6" x 9"]
IN-PHASE COAXIAL 2-WAY



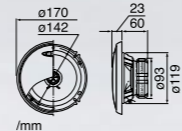
SRX1785

16.5 CM [6 1/2"] IN-PHASE
COAXIAL 2-WAY



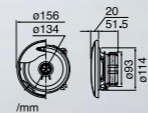
SRR1686

16 CM [6 1/2"]
IN-PHASE COAXIAL 2-WAY



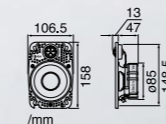
SRX1385

13 CM [5 1/4"] IN-PHASE
COAXIAL 2-WAY



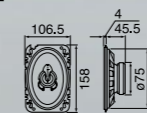
SRC4696

10 x 15 CM [4" x 6"] CUSTOM-FIT
PLATE 2-WAY



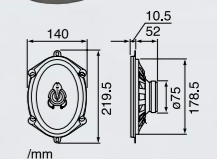
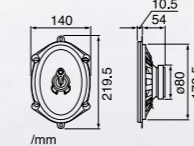
SRC4617

10 x 15 CM [4" x 6"] CUSTOM-FIT
COAXIAL 2-WAY



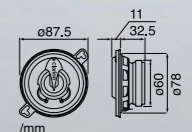
SRC5736

13 x 18 CM [5" x 7"]
CUSTOM-FIT MULTIAXIAL 3-WAY



SRC916

9 CM [3 1/2"] CUSTOM-FIT
COAXIAL 2-WAY



Reproduction system
Glass fibre cone woofer with rubber surround
Pure silk dome tweeter with dual neodymium magnet
In-phase coaxial design for best sound quality and imaging
Powerful strontium magnet for dynamic bass response
Extremely high frequency reproduction
Music peak power (W)
Continuous power (W)
Fs (Hz)
Qts
Vas (Litres)
Frequency response (Hz)
Efficiency (dB/W/m)

Reproduction system
Glass fibre cone woofer with rubber surround
Titanium metallised MIP cone woofer
Pure silk dome tweeter
Metallised PEI balanced-drive tweeter
Metallised PEI balanced-drive tweeter
Rear vented piezo dome tweeter
Powerful strontium magnet for dynamic bass response
Extremely high frequency reproduction
Music peak power (W)
Continuous power (W)
Fs (Hz)
Qts
Vas (Litres)
Frequency response (Hz)
Efficiency (dB/W/m)

Model	Reproduction system	Woofer	Tweeter	Frequency response (Hz)	Music peak power (W)	Continuous power (W)	Fs (Hz)	Qts	Vas (Litres)	Efficiency (dB/W/m)	
SRR1686	In-Phase Coaxial 2-way	160 mm	20 mm	120kHz	250	45	85	1.08	4.5	30-120,000	90
SRR6986	In-Phase Coaxial 2-way	150 x 230 mm	25 mm	80kHz	350	50	45	0.59	29.6	25-80,000	92
SRX1785	In-Phase Coaxial 2-way	165 mm	20 mm	120kHz	250	45	75	0.93	4.2	28-120,000	91
SRX1385	In-Phase Coaxial 2-way	130 mm	20 mm	120kHz	200	40	90	0.86	3.3	35-120,000	90
SRC4696	2-way plate			120 kHz	150	35	105	0.71	1.3	40-120,000	90
SRC5736	Custom-fit multiaxial 3-way			200	35	75	0.78	14.2	35-32,000	92	
SRC5716	Custom-fit coaxial 2-way			150	30	75	0.84	15.8	35-30,000	91	
SRC4617	Custom-fit coaxial 2-way			120	25	100	0.79	4.1	45-30,000	91	
SRC916	Custom-fit coaxial 2-way			60	20	190	1.26	1.8	60-30,000	89	

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

SRR6946
15 x 23 CM [6" x 9"]
MULTIAXIAL 4-WAY

Input MAX 350W

SRR1646
16 CM [6 1/2"]
MULTIAXIAL 4-WAY

Input MAX 280W

SRR1636
16 CM [6 1/2"]
MULTIAXIAL 3-WAY

Input MAX 230W

SRR1336
13 CM [5 1/4"]
MULTIAXIAL 3-WAY

Input MAX 170W

SRR2036
20 CM [8"] MULTIAXIAL 3-WAY

Input MAX 350W

SRR6916
15 x 23 CM [6" x 9"] MULTIAXIAL 3-WAY

Input MAX 250W

SRR1616
16 CM [6 1/2"] COAXIAL 2-WAY

Input MAX 180W

SRR1326
13 CM [5 1/4"] COAXIAL 2-WAY

Input MAX 140W

SRR1736
16.5 CM [6 1/2"] MULTIAXIAL 3-WAY

Input MAX 230W

SRR1726
16.5 CM [6 1/2"] COAXIAL 2-WAY

Input MAX 200W

SRR1028
10 CM [4"] COAXIAL 2-WAY

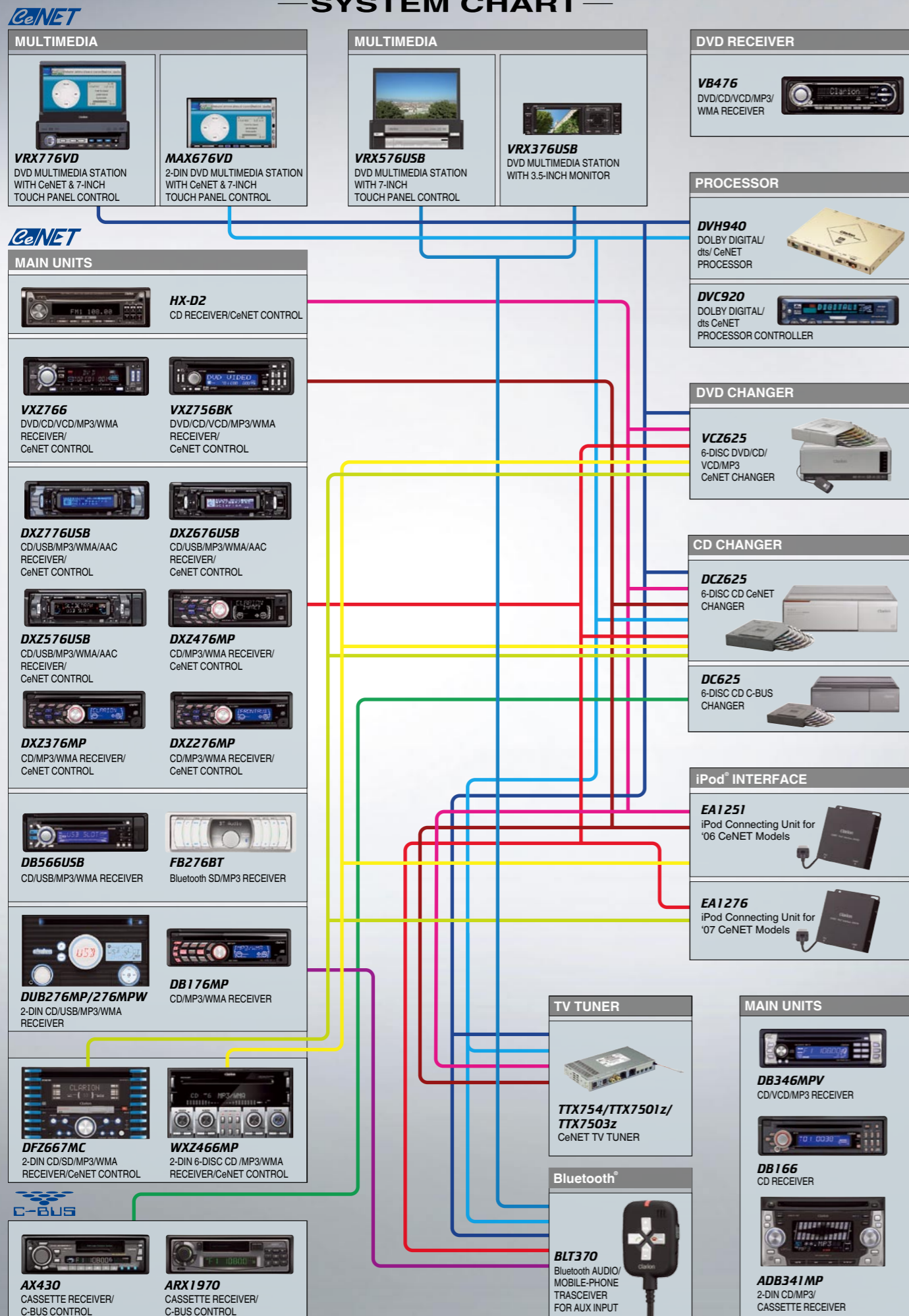
Input MAX 120W

SRH206
2.5 CM [1"] BALANCED DRIVE TWEETER

Input MAX 200W

Model	Reproduction system	Dimensions	Titanium metalised TMA-MIPP cone woofer	MIPP cone woofer	Metallised PEI cone, mid-range	Metallised PEI piezo dome tweeter	Powerful strobium magnet for dynamic bass response	Musical peak power (W)	Continuous power (W)	Fs (Hz)	Qts	Vas (litres)	Frequency response (Hz)	Efficiency (db/W/m)
SRR6946	Multiaxial 4-way	150 x 230 mm	●	●	●	●	●	350	50	55	0.54	35.3	28-35,000	92
SRR1646	Multiaxial 4-way	160 mm	●	●	●	●	●	280	45	75	0.59	9.5	30-35,000	91
SRR2036	Multiaxial 3-way	200 mm	●	●	●	●	●	350	50	55	0.58	25.6	25-32,000	92
SRR6916	Multiaxial 3-way	150 x 230 mm	●	●	●	●	●	250	40	60	0.74	30.0	28-32,000	92
SRR1736	Multiaxial 3-way	165 mm	●	●	●	●	●	230	40	75	0.77	10.7	28-32,000	91
SRR1726	Coaxial 2-way	165 mm	●	●	●	●	●	200	40	75	0.77	10.7	28-30,000	91
SRR1636	Multiaxial 3-way	160 mm	●	●	●	●	●	230	40	75	0.59	9.5	30-32,000	91
SRR1336	Multiaxial 3-way	130 mm	●	●	●	●	●	170	30	85	0.60	4.3	40-32,000	91
SRR1616	Coaxial 2-way	160 mm	●	●	●	●	●	180	25	75	0.48	11.8	30-30,000	91
SRR1326	Coaxial 2-way	130 mm	●	●	●	●	●	140	30	85	0.60	4.3	40-30,000	91
SRR1028	Coaxial 2-way	100 mm	●	●	●	●	●	120	30	120	0.70	1.5	45-30,000	90
SRH206	Balanced drive tweeter	25mm	●	●	●	●	●	200	40				2,500-30,000	90

SYSTEM CHART



ACCESSORIES

iPod®

EA1276
iPod Connecting Unit for '07 CeNET Models

EA1251
iPod Connecting Unit for '06 CeNET Models

CCA-673
iPod Video Connecting Cable
• For VRX776VD/MAX676VD

CCA-670
iPod Connecting Cable
• For VRX776VD/MAX676VD

CCA-691
iPod Video Connecting Cable
• For VRX576USB/VRX376USB

Bluetooth®

BLT370
Bluetooth Audio/Mobile-phone Transceiver for AUX Input

CABLES

CCA-389
Mini 8-pin (DIN) to RCA Transfer Cable

CCA-519
CeNET Branch Cable: 1 m

CCA-623
RCA transfer cable for TB851P
• 1-ch RCA (L/R/V) input, 1-ch RCA video output

CABLES

CCA-520
CeNET Extension Cable: 2.5 m

CCA-521
CeNET Extension Cable: 0.6 m

OPTICAL CABLES

Model No	Terminal Shape		Length
	Out	In	
DCA-005	VRX776VD/ VCZ625	DVH940	5 m
DCA-006	DCZ625	DVH940	5 m
DCA-008	VRX776VD/ VCZ625	DVH940	1.5 m

CD MAGAZINES

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

TV ANTENNAS

ZCA-407
Window Type 4-Way Diversity Antenna

ZCP-106
Window Type 2-Way Diversity Antenna
• Cable length: 4 m

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

ZCP104
4-Way Amplified Diversity Inside Window Film TV Antenna for TTX7501z/TTX7503z/TTX754

EA-1060
Antenna Booster

REMOTE CONTROLS

RCB-147-600
Infrared joystick remote control

RCB-176
Remote Control

RCB-171
Remote Control For VXZ756BK

RCB-173
Remote Control For VXZ766

RCB-177
Remote Control For VRX776VD and MAX676VD

NOISE FILTERS

NSA-131-200
Alternator Noise Filter
• Cuts alternator-induced engine noise for max. 10A alternators.

NSA-132-200
Alternator Noise Filter
• Cuts alternator-induced engine noise. For max. 30A alternators.

NSA-133-200
Power-Driven Parts Noise Filter
• Eliminates noise caused by electric motors such as wipers, washer or heater.

NSA-134-200
Electric Switching Noise Filter
• Eliminates electric switching noise produced by electric fuel injection systems or when turn indicators or stop lights operate.

NSA-135-200
Ignition Noise Reduction Filter
• Eliminates buzzing or cracking produced by the car ignition.

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

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



Dolby Pro Logic

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



Dolby Pro Logic II

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



DVD video

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



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.



MOS-FET

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.



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.



OEM remote 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.



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 control

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



USB Memory Slot

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.



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.



Full OFC wire

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



Fiberglass cone

Fiberglass is adopted as a cone material, which enables quick response during sound reproduction.



HX series

The HX series was derived from Clarion's perpetual quest for perfection. These speakers deliver breath-taking sound that takes the car listening experience to new heights.



In-line network

A separate crossover network is not required for the installation since it is built-in.



In-phase coaxial

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



Lead-Free Solder

Solder used in product manufacturing is lead-free to help protect the environment.



Metallized MIPP cone

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



Mica polypropylene mixed injection cone

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



Metallized PEI cone

The metallized PEI (polyetherimide) cone is impervious to heat and other ambient conditions prevalent in the car environment. Thanks to its ultra-lightweight diaphragm, it is highly efficient and provides very fast dynamic response.



Neodymium magnet

Neodymium magnets feature high magnetic energy, which helps to minimise magnetic distortion when used in speaker drivers.



PEI balanced drive

Integrated PEI diaphragm and voice coil bobbin, which reduces the mass and provides optimum induction conditions in the magnetic gap. This dramatically improves the dynamic range.



Powerful strontium magnet

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



Rear-vented pole piece

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



Rubber surrounds

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



Silk-cloth soft dome tweeter

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



TM MIPP (Titanium Metallized MIPP) Cone

MIPP (Mica Injected Polypropylene) cones with blended titanium offer superior lightness and rigidity for an excellent response even with the fast transients typical of digital sound sources.



Variable angle tweeter

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



Water resistant cone

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



Wide-range 80 kHz / 120 kHz silk dome tweeter

These super tweeters use soft silk dome diaphragms and high-power magnets to achieve rich expressiveness. They offer reproduction up to 80 kHz or 120 kHz for crystalline highs.



Wired remote control

Stick-type remote for control of powered subwoofer from the driver's seat. When installed on the dashboard, it offers comfortable control of the low-pass filters, gain and phase switching within easy reach.