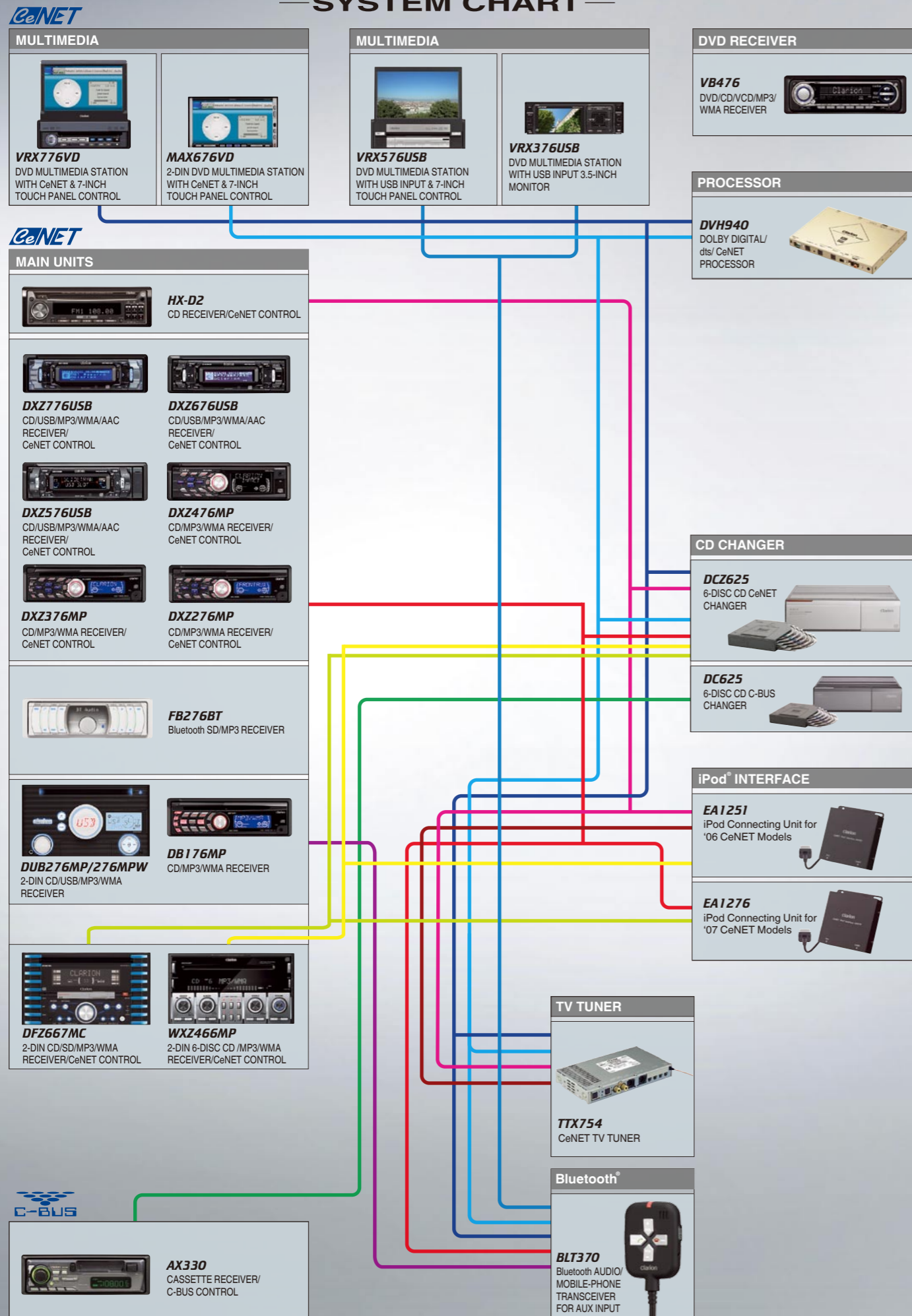


SYSTEM CHART



ACCESSORIES

<p>iPod Control®</p>  <p>EA1276 iPod Connecting Unit for '07 CeNET Models</p>  <p>CCA-673 iPod Video Connecting Cable • For VRX776VD/MAX676VD</p> <p>EA1251 iPod Connecting Unit for '06 CeNET Models</p> <p>CCA-670 iPod Connecting Cable • For VRX776VD/MAX676VD</p> <p>CCA-691 iPod Video Connecting Cable • For VRX576USB/VRX376USB</p>	<p>Bluetooth®</p>  <p>BLT370 Bluetooth Audio/ Mobile-phone Transceiver for AUX Input</p>	<p>CABLES</p>  <p>CCA-389 Mini 8-pin (DIN) to RCA Transfer Cable</p>  <p>CCA-519 CeNET Branch Cable: 1 m</p> <p>CCA-623 RCA transfer cable for TB851P • 1-ch RCA (L/R/V) input, 1-ch RCA video output</p>																		
<p>CABLES</p>  <p>CCA-520 CeNET Extension Cable: 2.5 m</p> <p>CCA-521 CeNET Extension Cable: 0.6 m</p>	<p>OPTICAL CABLES</p> <table border="1"> <thead> <tr> <th rowspan="2">Model No</th> <th colspan="2">Terminal Shape</th> <th rowspan="2">Length</th> </tr> <tr> <th>Out</th> <th>In</th> </tr> </thead> <tbody> <tr> <td>DCA-005</td> <td>VRX776VD</td> <td>DVH940</td> <td>5 m</td> </tr> <tr> <td>DCA-006</td> <td>DCZ625</td> <td>DVH940</td> <td>5 m</td> </tr> <tr> <td>DCA-008</td> <td>VRX776VD</td> <td>DVH940</td> <td>1.5 m</td> </tr> </tbody> </table>  	Model No	Terminal Shape		Length	Out	In	DCA-005	VRX776VD	DVH940	5 m	DCA-006	DCZ625	DVH940	5 m	DCA-008	VRX776VD	DVH940	1.5 m	<p>CD MAGAZINES</p>  <p>CAA-397-900 Spare 6-CD Magazine • For DCZ625, DC625</p>
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<p>TV ANTENNAS</p>																				
 <p>ZCA-404 Rabbit-Ear Style 4-Way Diversity Antenna</p>	 <p>ZCB-303 Window Type 2-Way Diversity Antenna • Cable length: 4 m</p>	 <p>ZCP-100 Whip and Window Type 4-Way Diversity Antenna</p>																		
<p>REMOTE CONTROLS</p>																				
 <p>RCB-147-600 Infrared joystick remote control</p>	 <p>RCB-176 Remote Control</p>  <p>RCB-177 Remote Control For VRX776VD and MAX676VD</p>	<p>CAT Steering wheel remote systems Maintain control of steering wheel mounted audio controls. Suits all IR remote supported Clarion models past and present. Supported Vehicles : Holden VY/VZ, VT/VX, VR/VS, Astra TS, Vectra ZC, Barina Ford AU1, AU2, AU3</p>																		

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.



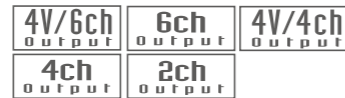
5.1-channel Dolby Digital / dts surround
With the arrival of DVD, 5.1-channel surround sound, which is already a must for home theatre systems, is rapidly becoming the entertainment format of choice in motor vehicles. Dolby Digital and dts provide three channels of front sound (left, right, centre) together 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.



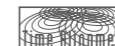
SLIDETRACK
This novel interface breaks away from traditional controlling done by turning knobs, allowing for intuitive operation. Almost all system operations can be made with the SLIDETRACK.



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.