

## Leading the way forward for over 70 years

Since its inception in 1940, Clarion has been enveloped in an environment that is constantly and dynamically evolving — from the AM radio to digital broadcasting and navigation, and even more so with the emergence of electric vehicles and a networked society.

Clarion has pioneered the market for products that connect people, cars, sound and information, including the world's first in-car PC among many achievements. And in 2006 the company launched the global "Clarion" brand to solidify its worldwide image.

To this day, in its endeavour to develop products of real value that contribute to a prosperous society, Clarion continues to pursue car safety and comfort, and new ways to connect people with the type of driving experience they want. And in this pursuit, Clarion continues to rely on your support and patronage. Please make use of this handy reference to effectively promote Clarion products to your clientele.

### Notes

- Specification and design are subject to change without notice.
- Photos are non-binding. The manufacturer and importer do not take responsibility for any printing errors.
- Dolby, Dolby Surround, Pro Logic and the double-D symbol are trademarks of Dolby Laboratories.
- "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
- Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone and iPod are trademarks of Apple Inc., registered in the U.S. and other countries.
- The trademark and the Bluetooth® logo are owned by Bluetooth® SIG, Inc. and any utilisation of these trademarks by Clarion is carried out under licence.
- DivX®, DivX® Certified, and associated logos are trademarks of DivX Inc. and are used under license.
- DivX Certified® to play DivX® video, including premium content.
- Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274
- All units in this catalogue are primarily intended for installation in passenger cars. Use in lorries, tractors, off-road vehicles, construction machinery, boats (except Marine models), and other special-purpose vehicles or on motorcycles is not recommended.

- It may not be possible to resume iPod Video playback. Whenever ACC is turned OFF/ON, playback will commence from the beginning of the file.
- There's no guarantee that all units in this catalogue play CDD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD±R/RW.
- USB digital media streaming models. This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft. Windows Media and the Windows logo are trademarks or registered of Microsoft Corporation in the United States and/or other countries.
- Please see the Clarion website for iPod models that can be connected
- The driver should be aware and abide by the laws of the country when operating any multimedia/navigational equipment.
- 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.
- This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft. Windows Media and the Windows logo are trademarks or registered of Microsoft Corporation in the United States and/or other countries.
- The SD logo is a trademark of the SD Card Association.
- WMDRM 10 compatible models: this product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft Corporation.

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

# clarion

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Distributor

# clarion





## Commitment to quality with leading-edge technology

Clarion delivers in-car satisfaction by providing a balance of the latest technologies and functions, with an unrelenting pursuit of quality. So when you choose a Clarion multimedia main unit, you are assured rock-solid quality and performance based on the latest technological innovations and proven craftsmanship.

### Parrot Bluetooth® for hands-free communication, access to phonebook and audio streaming

Built-in Parrot Bluetooth provides hands-free telephone communication, with comprehensive compatibility to a variety of mobile phones. With a built-in microphone and Phonebook access, you can safely talk and drive at the same time. Play music stored on your mobile phone with Bluetooth audio streaming.

\* Dependent on mobile phone.  
\* Please see our website for details of compatible Bluetooth mobile phones.

### Made for iPod® and Made for iPhone® for seamless integration

Made for iPod and Made for iPhone certified, so you can enjoy the convenience of iPod/iPhone ABC Search to quickly access tunes, and simple control mode to allow operation using the iPod/iPhone controls. Album Artwork is displayed to visually enhance interactivity.

(NX702A/NX502A/VX402A/VZ402A)

\* For audio playback, please use the USB cable provided with your iPod / iPhone. \* For video playback, an optional CCA750 cable is required.  
\* Please see our website for details of compatible iPod / iPhone models.  
\* Product is DAB-ready, however DAB functionality is not available in your area.



### NX702A

2-DIN DVD multimedia station with 7-inch touch panel control, USB and built-in navigation



Motorised sloping console & disc slot (NX702A)

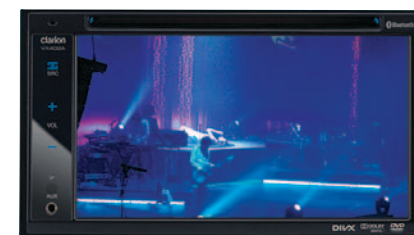


### NX502A

2-DIN DVD multimedia station with 6.2-inch touch panel control, USB and built-in navigation



Easy-to-use touch screen supports flick operation for intuitive scrolling from menu to menu. (NX702A/NX502A)



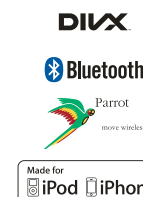
### VX402A

2-DIN DVD multimedia station with 6.2-inch touch panel control, USB and built-in Bluetooth



### VZ402A

DVD multimedia station with 7-inch touch panel control, USB and built-in Bluetooth



## Enjoy home theatre presence in your car



VT1510B  
15.6-inch wide screen LCD overhead color monitor with DVD player



USB and SD/MMC slots support playback of MPEG(1/2/4) and MP3/WMA files.



VT1010B  
10.2-inch wide screen LCD overhead color monitor with DVD player



VMA773  
7-inch / 16:9 headrest / stand-alone monitor



### Rear vision camera

CC4001U  
Rear vision CMOS camera



Wide-angle  
Mirror image

### Accessories

VA700  
Video distribution amplifier



WH204 / WH114H  
Wireless headphone systems  
• WH204: Dual Channel IR Wireless Headphone System  
• WH114H: Replacement and/or Additional Single Channel Headphone



RCB199  
External microphone  
• For VX402A/VZ402A/CZ702A  
RCB204  
External microphone  
• For NX702A/NX502A

CCA-750  
iPod video connecting cable  
• For NX702A/ NX502A/VX402A/ VZ402A/CZ702A

CCA-748  
iPod video connecting cable  
• For CZ302A/ CZ202A/CZ202AR/ CX501A/CX201A

CCA-755  
USB extension cable  
• For NX702A/NX502A/ VX402A/VZ402A/ CZ702A/CZ302A/ CZ202A/CZ202AR/ CX501A/CX201A

RCX007  
Infrared remote control  
• For NX702A/NX502A  
RCX005  
Infrared remote control  
• For VX402A/VZ402A

RCX001  
Infrared remote control  
• For CZ702A/CZ302A/CZ202A/ CZ202AR/CZ102A/CZ102AR  
RCB176-200  
Infrared remote control  
• For CX501A/CX201A

| MULTIMEDIA<br>FEATURES | ■ MEDIA |              |  |    |         |       |                  |                | ■ CONNECTION |                         |                         |             |                    |                  |                  |                       | ■ NAVIGATION |                        |                    |                            | ■ AUDIO       |                       |                |        |         |     |    |                  | ■ GENERAL              |                  |                |                 |                    |   |   |  |
|------------------------|---------|--------------|--|----|---------|-------|------------------|----------------|--------------|-------------------------|-------------------------|-------------|--------------------|------------------|------------------|-----------------------|--------------|------------------------|--------------------|----------------------------|---------------|-----------------------|----------------|--------|---------|-----|----|------------------|------------------------|------------------|----------------|-----------------|--------------------|---|---|--|
|                        | DIVX    | DVD<br>VIDEO | COMPACT<br>FLIC<br>DIGITAL AUDIO<br>TEXT | SD | MP3/WMA | MPEG4 | DOLBY<br>DIGITAL | FM/AM          | Bluetooth    | Parrot<br>Power Antenna | Made for<br>iPod iPhone | Rear<br>USB | 2-ZONE<br>CARPIONE | 4V/6ch<br>output | 2V/6ch<br>output | Rear Vision<br>Camera | AUX<br>input | Built-in<br>navigation | 4GB<br>Map Storage | Subwoofer<br>level control | M-BASSE<br>EX | 24bit<br>DIGITIZATION | BeatFO<br>PURE | BeatFO | LPE/HPF | LPE | SP | MOS-FET<br>50Wx4 | 40W x4<br>CHARGE POWER | 728 color<br>key | TOUCH<br>PANEL | TOUCH<br>SENSOR | OEM<br>Front Panel |   |   |  |
| NX702A                 | ●       | ●            | ●  | ●  | ●       | ●     | ●                | 18 FM,<br>6 AM | Built-in*1   | ●                       | USB (Audio/ Video)*2    | ●           | ●*3                | ●                | —                | ●*4                   | ●*5          | ●*7                    | ●                  | —                          | ●             | —                     | ●              | —      | ●*8     | —   | ●  | ●                | —                      | ●                | —              | ●               | ●                  | ● | ● |  |
| NX502A                 | ●       | ●            | ●  | ●  | ●       | ●     | ●                | 18 FM,<br>6 AM | Built-in*1   | ●                       | USB (Audio/ Video)*2    | ●           | ●*3                | ●                | —                | ●*4                   | ●*6          | ●*7                    | ●                  | ●                          | ●             | —                     | ●              | —      | ●*8     | —   | —  | ●                | —                      | —                | —              | —               | ●                  | ● | ● |  |
| VX402A                 | ●       | ●            | ●  | —  | ●       | —     | ●                | 18 FM,<br>6 AM | Built-in*1   | ●                       | USB (Audio/ Video)*2    | ●           | —                  | —                | ●                | ●*4                   | ●*6          | —                      | —                  | ●                          | —             | —                     | —              | —      | —       | ●*9 | —  | —                | ●                      | —                | —              | —               | ●                  | — | ● |  |
| VZ402A                 | ●       | ●            | ●  | —  | ●       | —     | ●                | 18 FM,<br>6 AM | Built-in*1   | ●                       | USB (Audio/ Video)*2    | ●           | —                  | —                | ●                | ●*4                   | ●*6          | —                      | —                  | ●                          | —             | —                     | —              | —      | —       | ●*9 | —  | —                | ●                      | —                | —              | —               | ●                  | — | ● |  |

\*1 Please see our website for details of compatible Bluetooth models \*2 Please see our website for iPod compatibility  
\*3 Front and rear seat entertainment \*4 Rear vision camera sold separately

\*5 1AV rear RCA input \*6 2 AV inputs-front mini jack / rear RCA and enables direct data updating \*8 Low Pass / High Pass Filters \*9 Low Pass Filter



# Ample capabilities for your driving enjoyment

Your basic needs for driving entertainment are met and surpassed by Clarion. That's because every unit has been designed with the user in mind — in terms of quality, reliability, usability, and the ability to link seamlessly to the way you live.



## CZ702A

CD/USB/MP3/WMA/Bluetooth receiver  
variable colour illumination  
time alignment & crossover



728 variable-colour illumination for just the right look for your car

## Digital time alignment

Digital Time Alignment assures that the sound from each speaker reaches the listener at the same time for perfect sonic imaging.

## Seamless enjoyment with superior iPod® and iPhone® connectivity

Enjoy the familiar operational feel of your iPod and iPhone, with ALBUM/ARTIST/SONG LIST on screen display and List back operation. The simple control mode enables easy operation of the system using just your iPod / iPhone controls, including ABC search to quickly access tracks. (CZ702A / CZ302A / CZ202A / CZ202AR / CX501A / CX201A)

## Beat EQ and Magna Bass EX for precisely powerful sound

In addition to providing 3 preset equalisation patterns, Beat EQ lets you customise the level and range of the bass, midrange and treble of each pattern. In addition, Magna Bass EX boosts the 50Hz range to deliver dynamic bass performance. (CZ302A / CZ202A / CZ202AR / CZ102A / CZ102AR / CX501A / CX201A)



## CZ302A

CD/USB/MP3/WMA/Bluetooth receiver



## CZ202A / CZ202AR

CD/USB/MP3/WMA receiver



CZ202AR



## CZ102A / CZ102AR

CD/MP3/WMA receiver



CZ102AR

## Front USB compatible with iPod, iPhone and USB memory

The USB terminal on the front panel accepts USB connection of compatible iPod, iPhone models as well as USB memory devices. With iPod, you will be able to control iPod functions from CZ302A / CZ202A / CZ202AR / CX501A / CX201A.



## CX501A

2-DIN Bluetooth CD/USB/MP3/WMA receiver
























728 variable-colour illumination and buttons allow cosmetic matching to instrument panel or by personal preference.



## CX201A

2-DIN CD/USB/MP3/WMA receiver



|                  | ■ MEDIA   |   |   |   | ■ CONNECTION  |   |   |   |   |   |   |   |   |   | ■ AUDIO   |   |   |   |   |   |   |   |   |   | ■ GENERAL   |   |   |   |  |  |  |  |  |  |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|
|                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |
| CZ702A           | ●   | —   | ●   | 18FM, 6AM   | Built-in *1   | ●   | USB (Audio/Video) *2  | Rear  | ● *5  | —   | —   | ●   | ● *8  | —   | ● *9  | —   | ●   | ●   | ● *11   | —   | ● *13   | ●   | ●   | —   | ●   | ●   | ●   | ● |  |  |  |  |  |  |
| CZ302A           | ●   | —   | ●   | 18FM, 6AM   | Built-in *1   | ●   | USB (Audio/Video) *3  | Front *4  | —   | ● *6  | —   | ●   | ● *8  | ●   | —   | ● *10   | —   | —   | ● *11   | —   | ● *14   | ●   | —   | ●   | —   | ●   | ●   | ● |  |  |  |  |  |  |
| CZ202A / CZ202AR | ●   | —   | ●   | 18FM, 6AM   | —   | —   | USB (Audio/Video) *3  | Front *4  | —   | —   | ● *7  | ●   | ● *8  | ●   | —   | ● *10   | —   | —   | —   | ● *12   | ● *14   | ●   | —   | ●   | —   | ●   | ●   | ● |  |  |  |  |  |  |
| CZ102A / CZ102AR | ●   | —   | ●   | 18FM, 6AM   | —   | —   | —   | —   | —   | —   | ● *7  | ●   | ● *8  | ●   | —   | ● *10   | —   | —   | —   | ● *12   | ● *14   | ●   | —   | ●   | —   | ●   | ●   | ● |  |  |  |  |  |  |
| CX501A           | —   | ●   | ●   | 18FM, 6AM   | Built-in *1   | —   | USB (Audio/Video) *3  | Front *4  | —   | ● *6  | —   | ●   | ● *8  | ●   | —   | ● *10   | —   | —   | ● *11   | —   | ● *13   | ●   | ●   | —   | ●   | ●   | —   | — |  |  |  |  |  |  |
| CX201A           | —   | ●   | ●   | 18FM, 6AM   | —   | —   | USB (Audio/Video) *3  | Front *4  | —   | ● *6  | —   | ●   | ● *8  | ●   | —   | ● *10   | —   | —   | ● *11   | —   | ● *13   | ●   | ●   | —   | —   | ●   | —   | — |  |  |  |  |  |  |

\*1 Please see our website for details of compatible Bluetooth models \*2 Optional USB cable (Video): CCA750: Please see our web site for iPod compatibility  
\*3 Optional USB cable (Video): CCA748 \*4 Front USB with slide cover \*5 Front 2-channel + Rear 2-channel + subwoofer 2-channel \*6 Front 2-channel + Rear 2-channel or subwoofer \*7 Rear 2-channel or Subwoofer

\*8 Boost ultra-low frequency \*9 5 Band Parametric Equaliser \*10 Bass boost, Impact, Excite, Custom  
\*11 Low Pass / High Pass Filters \*12 Low Pass Filter \*13 13-seg x 10 2-Line \*14 13-seg x 10 Single-Line



Superior power and acoustic capabilities

Creating the sound waves you actually hear, Clarion amplifiers, speakers and subwoofers play a critical role in your car entertainment experience. Advanced design techniques and high quality materials team up to deliver the sound of satisfaction.

Harness the power of our expertise



**XH7110**  
850 W mono class GH  
power amplifier



**XH5410**  
680 W 4/3/2-channel  
power amplifier



**XH5210**  
340 W 2/1-channel  
power amplifier



**XR2420**  
480 W 4/3/2-channel  
power amplifier



**XR2220**  
280 W 2/1-channel  
power amplifier



**XR2120**  
570 W mono  
power amplifier

High-performance reproduction of super lows



**WQ3010D**  
1500 W Max. 30 cm (12")  
dual 4-ohm voice coil  
subwoofer



**WQ2510D**  
1500 W Max. 25 cm (10")  
dual 4-ohm voice coil  
subwoofer

| Amplifiers | Maximum Power Output | 4-Ohm    | 2-Ohm    | Type        | Number of Channels | Dimensions (W x L x H) |
|------------|----------------------|----------|----------|-------------|--------------------|------------------------|
| XH7110     | 850W                 | 450W x 1 | 850W x 1 | Class GH/AB | Mono               | 407 x 230 x 67 mm      |
| XH5410     | 680W                 | 90W x 4  | 160W x 4 | Class AB    | 4/3/2              | 373 x 230 x 67 mm      |
| XH5210     | 340W                 | 90W x 2  | 160W x 2 | Class AB    | 2/1                | 316 x 230 x 67 mm      |
| XR2120     | 570W                 | 280W x 1 | 400W x 1 | Class AB    | Mono               | 354 x 55 x 216 mm      |
| XR2420     | 480W                 | 60W x 4  | 90W x 4  | Class AB    | 4/3/2              | 354 x 55 x 216 mm      |
| XR2220     | 280W                 | 65W x 2  | 95W x 2  | Class AB    | 2/1                | 299 x 55 x 216 mm      |

| Subwoofers | Size | Maximum Power Handling | High Strength Stamped Steel | Dual Voice Coil | Dimensions (W x H x D) |
|------------|------|------------------------|-----------------------------|-----------------|------------------------|
| WQ3010D    | 12"  | 1500W                  | ●                           | ●               | 297 x 297 x 156 mm     |
| WQ2510D    | 10"  | 1500W                  | ●                           | ●               | 248 x 248 x 139 mm     |

Experience the music, live in the sound



**SRP1722S**  
350 W Max. 16.5 cm (6-1/2")  
2-way component system



**SRP1322S**  
300 W Max. 13 cm (5-1/4")  
2-way component system



**SRE6952R**  
600 W Max. 15 cm x 23 cm  
(6" x 9") multiaxial 5-way



**SRE6932R**  
400 W Max. 15 cm x 23 cm  
(6" x 9") multiaxial 3-way



**SRE2032R**  
400 W Max. 20 cm (8")  
multiaxial 3-way



**SRE1722R**  
280 W Max. 16.5 cm (6-1/2")  
coaxial 2-way



**SRE1732R**  
300 W Max. 16.5 cm (6-1/2")  
multiaxial 3-way



**SRE1332R**  
250 W Max. 13 cm (5-1/4")  
multiaxial 3-way



**SRE212H**  
200 W Max. 2.5 cm (1")  
balanced-drive tweeter



**SRG1622R**  
250 W Max. 16 cm (6-1/2")  
coaxial 2-way



**SRG1322R**  
230 W Max. 13 cm (5-1/4")  
coaxial 2-way



**SRG1022R**  
180 W Max. 10 cm (4")  
coaxial 2-way



**SRG6932R**  
400 W Max. 15 cm x 23 cm  
(6" x 9") multiaxial 3-way

| SRP Speakers | Size             | Maximum music power | Type                   |
|--------------|------------------|---------------------|------------------------|
| SRP1722S     | 16.5 cm (6-1/2") | 350 W               | 2-way component system |
| SRP1322S     | 13 cm (5-1/4")   | 300 W               | 2-way component system |

| SRG Speakers | Size                    | Maximum music power | Type             |
|--------------|-------------------------|---------------------|------------------|
| SRG1622R     | 16 cm (6-1/2")          | 250 W               | Coaxial 2-way    |
| SRG1322R     | 13 cm (5-1/4")          | 230 W               | Coaxial 2-way    |
| SRG1022R     | 10 cm (4")              | 180 W               | Coaxial 2-way    |
| SRG6932R     | 15 cm x 23 cm (6" x 9") | 400 W               | Multiaxial 3-way |

| SRE Speakers | Size                    | Maximum music power | Type                   |
|--------------|-------------------------|---------------------|------------------------|
| SRE6952R     | 15 cm x 23 cm (6" x 9") | 600 W               | Multiaxial 5-way       |
| SRE6932R     | 15 cm x 23 cm (6" x 9") | 400 W               | Multiaxial 3-way       |
| SRE2032R     | 20 cm (8")              | 400 W               | Multiaxial 3-way       |
| SRE1722R     | 16.5 cm (6-1/2")        | 280W                | Coaxial 2-way          |
| SRE1732R     | 16.5 cm (6-1/2")        | 300 W               | Multiaxial 3-way       |
| SRE1332R     | 13 cm (5-1/4")          | 250 W               | Multiaxial 3-way       |
| SRE212H      | 2.5 cm (1")             | 200 W               | Balanced-drive tweeter |

Hear every nuance, experience every expression, with the sound of a true original.



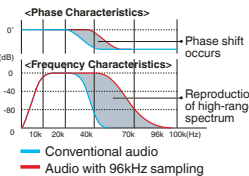
**HX-D2**

Hi-Fidelity CD receiver/CeNET control



- Dual 24-bit / 96kHz sampling digital to analogue burr-brown converters and DSP
- Built-in 4-way crossovers
- 5-band parametric equaliser
- Digital time alignment for each line level output
- 8-channel/4-volt gold plate oxygen-free RCA output
- 0.5dB-step electronic volume adjustment circuit
- Copper plated chassis
- CeNET iPod interface compatible (EA1251 is required)

Extreme realism with higher sampling rate



◆ Conceptual diagram of frequency/phase characteristics