clarion

2015

Catalog for Car Audio, Multimedia and Navigation

Clarion: a global brand that puts your future first

Clarion was founded in 1940, and ever since developing Japan's first car radio in 1951, continues to actively develop new products, based on new technologies. Born in Japan, and widely adopted by automobile manufacturers all over the world, Clarion is an unstoppable source of innovation, inspired by the current and future needs of drivers like you. Clarion specialises in in-vehicle equipment and systems, so our attention is tightly focused on your car and lifestyle. That is why we are able to offer maximum value for your investment. From the latest innovations to the unchanging pursuit of sound excellence, you can count on Clarion to deliver satisfaction to your drive.

Notes

- "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, iPod, Siri and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. Lightning is a trademarks of Apple Inc.
- Android™ is a trademark of Google Inc.
- Dolby, Dolby Surround, Pro Logic and the double-D symbol are trademarks of Dolby Laboratories.
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- DivX®, DivX Certified® and associated logos are trademarks of DivX, LLC 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
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- 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.
- All units in this catalog are primarily intended for installation in passenger vehicles. Use in commercial trucks, 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 CCCD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD±R/RW.
- Please see the Clarion website for iPod models that can be connected.
- Clarion's navigation systems should not be used as a substitute for your own judgement. Any route suggestions made by a Clarion navigation system should never override any local traffic regulations, your own judgement, and/ or knowledge of safe driving practices. Disregard route suggestions by the navigation system if such suggestions would: cause you to perform a hazardous or illegal maneuver, place you in a hazardous situation, or route you into an area you consider unsafe.
- The advice provided by the navigation system is to be regarded only as a suggestion(s). There may be situations where the navigation system displays the vehicle's location incorrectly, fails to suggest the shortest course, and/or fails to direct you to your desired destination. In such situations, rely on your own driving judgement, taking into account current driving conditions.
- Do not use the navigation system to route you to emergency services. The database does not contain a complete listing of locations of emergency service providers such as police, fire stations, hospitals and clinics. Please use your judgement and your ability to ask for directions in these situations.
- The driver should be aware and abide by the laws of the country when operating any multimedia/navigational equipment.
- Smartphone compatibility may vary by model and operating system.
- LCD panels use the latest high-tech components and boast an effective pixel rate of 99.99%. However, be aware that 0.01% or less of the pixels may be defective.

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

clarion

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Distributor

Clarion AX1: Customisable Android based connected car stereo

Clarion AX1

2–DIN microSD / USB / Capacitive touch screen / Built–in offline Navigation / Bluetooth® compatible / 6.5–inch WVGA TFT LCD

For more information about Clarion AX1

microSDHC **Bluetooth®**

Made for iPod iPhone

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE MP3/WMA/AAC USB

microphone

Next generation connected in–car entertainment

Clarion AX1 is an Android based Audio-Video-Navigation source unit with OEM specifications. One of the AX1's key feature is it's a truly connected system. It has a customisable user interface within a 6.5 inch capacitive multi–touch screen.

The AX1 plays music (MP3. AAC, WMA, OGG, WAV, FLAC) and high–definition videos (MPEG4).

Built-in Bluetooth for hands-free calling and stereo music streaming.

Customised Android based OS for in–car entertainment

Built–in navigation with voice guidance

- Built–in WiFi, which allows users to always remain connected even when on the go
- Tune in to local or Internet radio stations
- Buy and sync music from Infogo, an online music store serving up to 25 million DRM–free songs
- Comes with built–in offline navigation

- With Infogo's App Garage, automotive safe applications as well as firmware and application updates can be downloaded straight to the AX1 so that the AX1 experience is always updated and fresh
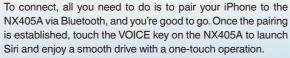
Let your voice lead the way

Siri® Eyes Free for fuss-free operation of iPhone®

shuffle play

check mail

VOICE

To connect, all you need to do is to pair your iPhone to the NX405A via Bluetooth, and you're good to go. Once the pairing is established, touch the VOICE key on the NX405A to launch Siri and enjoy a smooth drive with a one-touch operation.

Compatible iPhone models : iPhone 6 / iPhone 6 Plus / iPhone 5s / iPhone 5c / iPhone 5 / iPhone 4s

Optional (RCX005)

User interface offers superior visibility and intuitive operation

NX405A

2-DIN multimedia station with built-in navigation & 6-inch touch panel control

For more information about NX405A

DVD VIDEO **COMPACT DISC DIGITAL AUDIO TEXT** **Made for iPod iPhone**

Bluetooth® **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE **Rear USB** **728 color Key**

Full-featured navigation and multimedia system

NX404A

2-DIN DVD multimedia station with built-in navigation & 6.2-inch touch panel control

For more information about NX404A

DIVX **DVD VIDEO** **COMPACT DISC DIGITAL AUDIO TEXT** **Made for iPod iPhone**

Bluetooth® **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE **Dual USB** **728 color Key**

Optional (RCX005)

NX403AW

Wide DVD multimedia station with 6.5-inch touch panel & built-in navigation

For more information about NX403AW

DIVX **DVD VIDEO** **COMPACT DISC DIGITAL AUDIO TEXT** **DOLBY DIGITAL** **Made for iPod iPhone**

Bluetooth® Parrot Tele Atlas Maps **Rear USB**

Optional (RCX005)

GPS navigation with rich graphics and superior functionality (NX404A / NX403AW)

Count on GPS accuracy and the efficient Clarion mobile map engine to guide you to your destination. Navigation data is pre-stored on the internal flash memory (4GB) for quick access. 3D-rendered graphics include landmarks, which enables you to have an intuitively familiar view of the route which you're on.

VX404A

2-DIN DVD multimedia station with 6.2-inch touch panel control

For more information about VX404A

Optional (RCX005)

Enjoyment of apps with big screen convenience

DIVX **DVD VIDEO** **COMPACT DISC DIGITAL AUDIO TEXT** **microSDHC**

Made for iPod iPhone **Bluetooth®** **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE **Rear USB** **728 color Key**

Visual entertainment at your fingertips

VZ402A

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

DIVX **Made for iPod iPhone**

Bluetooth® Parrot

For more information about VZ402A

Rear vision camera

CC4001U Rear vision CMOS camera

CC510 Rear vision CMOS camera

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

CCA802 HDMI™ cable (Type A to Type A)
- For NX405A/ NX404A/VX404A

CCA771 Micro HDMI cable (Type A to Type D)
- For NX405A/ NX404A/VX404A

CCA748 iPod® / iPhone® video connecting cable
- For CZ315A/CZ215A/CZ205A/ CX215A/FZ003A

RCX001 Infrared remote control
- For CZ703A/CZ205A

RCX005 Infrared remote control
- For NX405A/NX404A/ VX404A/NX403A/VZ402A

CCA750 iPod / iPhone video connecting cable
- For NX405A/NX404A/NX403AW/ VX404A/VZ402A/CZ703A

RCB176 Infrared remote control
- For CZ315A/CZ215A/ CX215A

RCX009 Infrared remote control
- For FZ003A

CCA755 USB extension cable
- For NX405A/NX404A/ NX403AW/VX404A/VZ402A/ CZ703A/CZ315A/CZ215A/ CZ205A/CX215A

RCB199 External microphone
- For VZ402A/CZ703A/CZ315A

MULTIMEDIA FEATURES	■ MEDIA									■ CONNECTION											■ NAVIGATION			■ AUDIO								■ GENERAL						
	DIVX	DVD VIDEO	COMPACT DISC	microSDHC	MP3/WMA	MP3/WMA/AAC	MPEG4	DOLBY DIGITAL	FM/AM	Bluetooth	Parrot	Made for iPod iPhone	Siri Eyes Free	HDMI	Rear USB	2 Zone	2V/6ch Output	Rear Vision Camera	AUX Input	Built-in navigation	Map Storage	Subwoofer level control	M-BASS EX	24bit	BeatEQ	L.P.Wiper	LPF	MOS-FET 45W×4	45W×4	40W×4	25W×4	728 color Key	TOUCH PANEL	OEM
Clarion AX1	—	—	—	●	—	●	●	—	18 FM, 6 AM	Built-in [*1]	—	●	—	●	Output	● Dual		●	● [*5]	—	● [*7]	—	—	—	—	—	—	●	—	—	—	●	●	● [*10]
NX405A	—	●	●	—	●	●	●	●	18 FM, 6 AM	Built-in [*1]	—	●	●	●	Input	●		● [*5]	● [*6]	● [*7]	●	●	●	●	●	● [*8]	—	—	●	—	—	●	●	● [*10]
NX404A	●	●	●	—	●	●	—	●	18 FM, 6 AM	Built-in [*1]	—	●	—	●	Input	● Dual		● [*5]	● [*6]	● [*7]	●	●	●	●	●	● [*8]	—	—	●	—	—	●	●	● [*10]
NX403AW	●	●	●	—	●	●	—	●	18 FM, 6 AM	Built-in [*1]	●	●	—	—	—	●		● [*5]	● [*6]	● [*7]	●	●	●	●	●	● [*8]	—	—	●	—	—	●	●	● [*10]
VX404A	●	●	●	●	●	●	●	●	18 FM, 6 AM	Built-in [*1]	—	●	—	●	Input	●		● [*5]	● [*6]	—	—	●	●	●	●	● [*8]	—	—	●	—	—	●	●	● [*10]
VZ402A	●	●	●	—	●	—	—	●	18 FM, 6 AM	Built-in [*1]	●	●	—	—	—	●		● [*5]	● [*6]	—	—	●	—	—	—	—	● [*9]	—	—	●	—	●	●	● [*10]

*1 Please see our website for details of compatible Bluetooth models *2 Please see our website for iPhone compatibility (compatible iPhone model: iPhone 5s / iPhone 5c / iPhone 5 (Lightning™ Connector Model), iPhone 4s / iPhone 4) *3 Please see our website for iPhone compatibility

*4 Please see our website for details of compatible smartphone. *5 Rear vision camera sold separately *6 2 AV inputs-front mini jack / rear RCA
*7 4 GB microSD card stores entire Navigation application and map coverage for 5 countries, and enables direct data updating *8 Low Pass / High Pass Filters
*9 Low Pass Filter *10 Need optional interface unit

Seamless connectivity to your media

CZ703A

CD/USB/MP3/WMA/Bluetooth® receiver
728 variable colour illumination
Time Alignment & crossover

Front & Rear USB

Bluetooth® Parrot move wireless

For more information about CZ703A

Made for **iPod iPhone**

Dual USB front and rear connectors

Enjoy music to the fullest. With one USB terminal in front and another at the rear, it's easy to connect a variety of sources. In addition to iPod® and iPhone®, you can play music files stored on a USB memory device. Music CDs and MP3/WMA discs are supported. Together with advanced audio features like Beat EQ Plus and Time Alignment, high quality sound is all that you'll hear.

Brilliantly designed to integrate entertainment and communication

CZ315A

CD/USB/MP3/WMA/Bluetooth® receiver

For more information about CZ315A

Optional (RCB176)

Front USB

Made for **iPod iPhone**

Bluetooth® **Intelligent Tune**

Cool entertainment capabilities with a dash of passion

CZ215A

CD/USB/MP3/WMA receiver

Optional (RCB176)

For more information about CZ215A

Front USB

Made for **iPod iPhone**

Intelligent Tune

Intelligent Tune

Clarion's original sound technology was developed to turn the car interior into an excellent listening environment.

Sound Restorer
Restores compressed audio media such as MP3 or WMA enabling a more enriched reproduction sound quality.

Virtual Bass
Virtual Bass is a technology based on acousticopsychology, in which harmonic elements of low bass sound are added to the signal to reinforce the low range the speaker cannot physically reproduce.

Dynamic Beat Enhancer
While both ends of the dynamic range are cropped during the encoding process of compressed audio, this technology synthesises the low-end and high-end dynamic range for sound reproduction with presence and dynamism that approaches the master source.

Original dynamic range

Extended dynamic range

7-band graphic equaliser

Equipped with a full-featured 7-band graphic equaliser, you will enjoy superior control over the audio spectrum with frequency adjustments in the 60Hz to 16kHz range over seven bands. This gives you the power to get the most of your sound system, and the ability to contour the sound output to your musical taste.

Let your musical media converge at the center

CX215A

2-DIN CD/USB/MP3/WMA receiver

For more information about CX215A

Optional (RCB176)

Front USB

Made for **iPod iPhone**

Symmetrical design combines usability and looks

A prominent volume knob positioned in the center is flanked on both sides with logically clustered control buttons for easy operation from both the driver's and passenger's sides. The large display area and clear illumination contribute to superior usability during the day or night.

13-segment 8-digits x 2-line LCD display

The white colour illumination display of the CX215A features 2 lines with 8 characters each, rendered in 13 segment for easy reading. Displayed information can be understood at a glance, during the day or at night.

Corresponding to the steering remote control

Corresponding to the steering remote control that can be operated safely hand the audio function even during operation. Audio or sound volume, skip back of the song, the switching done at hand.

Enjoy your music, any way you like it

CZ205A

CD/USB/MP3/WMA receiver

For more information about CZ205A

Optional (RCX001)

Made for **iPod iPhone** **Front USB**

Easy access to your music files

FZ003A

USB/MP3/WMA receiver

Optional (RCX009)

Front USB

For more information about FZ003A

Front USB and AUX terminals for connection to a variety of audio devices and sources. iPod® and iPhone® are not supported

	■ MEDIA				■ CONNECTION				■ AUDIO														■ GENERAL								
	CD	disc	MP3/WMA	FM/AM	Bluetooth	Parrot	Made for iPod iPhone	USB	5V/6ch Output	2V/4ch Output	2V/2ch Output	FRONT AUX Input	Intelligent Tune	Subwoofer level control	M-BASS EX	G-EQ	BeatEQ Plus	BeatEQ	DIGITAL X-OVER	X-OVER	LPF/HPF	LPF	High Visibility LCD	Integral Rotary Volume	MOS-FET 50W×4	MOS-FET 45W×4	50W×4	45W×4	728c	OEM	DCP
CZ703A	●	—	●	18FM, 6AM	Built-in*1	●	USB (Audio/Video)*2	Rear/Front	●*4	—	—	●	—	—	—	—	●*7	—	●	●	●*9	—	●*11	●	●	—	—	—	●	—	●*14
CZ315A	—	●	●	18FM, 12AM	Built-in*1	—	USB (Audio)	Front*3	—	●*5	—	●	●	●	—	7 -band	—	—	—	●	—	●	●*10	●	●	—	—	●	—	—	●*15
CZ215A	—	●	●	18FM, 12AM	—	—	USB (Audio)	Front*3	—	●*5	—	●	●	●	—	7 -band	—	—	—	●	—	●	●*10	●	●	—	—	●	—	—	●*15
CX215A	—	●	●	18FM, 6AM	—	—	USB (Audio)	Front*3	—	●*5	—	●	●	●	—	—	—	—	—	●	—	●	●*12	●	●	—	—	—	●	—	●*15
CZ205A	●	—	●	18FM, 6AM	—	—	—	Front*3	—	●*5	—	●	●	●	—	—	—	●*8	—	●	—	●	●*10	●	●	—	●	—	—	—	●*14
FZ003A	—	—	●	18FM, 6AM	—	—	—	Front*3	—	—	●*6	●	—	—	—	—	—	—	—	—	—	●	●*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 Front USB with slide cover   *4 Front 2-channel + Rear 2-channel + subwoofer 2-channel   *5 Front 2-channel + Rear 2-channel or subwoofer   *6 Rear 2-channel

*7 5 Band Parametric Equaliser   *8 Bass boost, Impact, Excite, Custom   *9 Low-Pass / High-Pass Filters   *10 13-seg × 10 1-Line   *11 13-seg × 10 2-Line
*12 13-seg × 8 2-Line   *13 13-seg × 5 1-Line   *14 Need optional interface unit   *15 Need optional interface unit, or direct connection

Harness the power of our expertise

XH Series
CLASS GH/AB

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

XR Series
CLASS AB

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

WQ Series

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 × L × H)
XH7110	850W	450W × 1	850W × 1	Class GH	Mono	407 × 230 × 67 mm
XH5410	680W	90W × 4	160W × 4	Class AB	4/3/2	373 × 230 × 67 mm
XH5210	320W	90W × 2	160W × 2	Class AB	2/1	316 × 230 × 67 mm
XR2120	570W	280W × 1	400W × 1	Class AB	2-chanels	354 × 216 × 55 mm
XR2420	480W	60W × 4	60W × 4	Class AB	4/3/2	354 × 216 × 55 mm
XR2220	280W	65W × 2	95W × 2	Class AB	2/1	294 × 216 × 55 mm

Subwoofers	Size	Maximum Power Handling	High Strength Stamped Steel	Dual Voice Coil	Dimensions (W × H × D)
WQ3010D	30cm (12″)	1500W	●	●	297 × 297 × 156 mm
WQ2510D	25cm (10″)	1500W	●	●	248 × 248 × 139 mm

Cutting-edge technology speakers

PLATINUM SERIES

● **Component systems**

350 W Max.

SRP1723S

16.5 CM (6-½″) 2-way component system

For more information about SRP1723S

300 W Max.

SRP1323S

13 CM (5-¼″) 2-way component system

For more information about SRP1323S

SRG SERIES

● **Multiaxial 5, 4-way**

● **Multiaxial 3-way**

600 W Max.

SRG6953R

15 CM × 23 CM (6″ × 9″) multiaxial 5-way

For more information about SRG6953R

550 W Max.

SRG6943R

15 CM × 23 CM (6″ × 9″) multiaxial 4-way

For more information about SRG6943R

450 W Max.

SRG6933R

15 CM × 23 CM (6″ × 9″) multiaxial 3-way

For more information about SRG6933R

● **Coaxial 2-way**

280 W Max.

SRG1723R

16.5 CM (6-½″) coaxial 2-way

For more information about SRG1723R

230 W Max.

SRG1323R

13 CM (5-¼″) coaxial 2-way

For more information about SRG1323R

200 W Max.

SRG1023R

10 CM (4″) coaxial 2-way

For more information about SRG1023R

● **Balanced-drive tweeter**

200 W Max.

SRG213H

2.5 CM (1″) balanced-drive tweeter

For more information about SRG213H