

clarion



Clarion



Imagination Becomes Realisation

Ideas and thoughts are made truly meaningful when they are given shape and form.

At Clarion, we specialise in visualising the most innovative, human-friendly concepts for in-vehicle entertainment, and turn them into tangible solutions that will seamlessly transform your driving experience. Interfacing humans with music and media in a mobile environment — with Clarion H.M.I., you are the ultimate destination.



Jamiroquai



Jay Kay (Jamiroquai)

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



ITALDESIGN-GIUGIARO

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

Precise navigation and premier entertainment provide a well-balanced drive



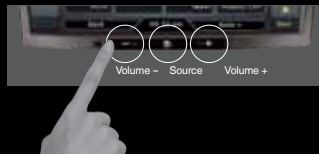
NX509A 2-DIN MEMORY NAVIGATION & MULTIMEDIA STATION WITH 7" DVD TOUCH PANEL CONTROL

*Available late 2009



New graphical user interface

The Clarion H.M.I. concept takes a unique form in the NX509A's touch-panel graphical user interface with high-resolution on-screen display. A wide variety of functions, ranging from car navigation to AV entertainment, are consolidated into this intuitive user-interface so there are only 3 physical buttons present on the front panel, contributing to the clean looks of this model. No steep learning curves, so you can fulfill your enjoyment from day one.



3D rendering for added realism and driving accuracy

3D city map

Cityscapes are realistically rendered in 3D, with buildings close to you drawn transparently to avoid obstructing the next junction.



3D landmarks

3D landmarks are seamlessly integrated into 3D graphic renderings, realistically depicting key points along your travel route.



3D elevation map

To make it easier to manoeuvre through complex junctions, roads and bridges are drawn using actual height information.



NX509A FEATURES

- DVD-Video/DVD±R/DVD±RW/CD/CD-R/RW ready
- Built-in navigation on 4GB flash memory • SD card slot for navigation map update • Built-in RDS-TMC tuner • MP3/WMA/AAC 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 • 18 FM, 6 AM station presets • iPod direct control via USB (optional CCA723 cable for iPod video playback)
- Rear USB connector • AV inputs • Rear vision camera RCA input, NTSC / PAL compatible
- Subwoofer volume control • 24-bit D/A converter
- BBE MP • BEAT EQ for sound adjustment
- MAGNA BASS EX • Built-in High Pass Filter & Low Pass Filter • 2-Zone entertainment • Touch panel control • Fully motorised 7-inch QVGA colour LCD monitor • Adjustable display brightness • 6-channel audio pre-out (Front / Rear / Subwoofer) and 2-channel audio output for 2-Zone • 4 x 50 watt internal amplifier • Bluetooth® interface ready (optional BLT370) • OEM steering wheel remote wired interface capability

Navigation

- 3D display mode for: 3D city maps, 3D landmarks, 3D petrol stations, 3D elevation map • Simple mode / Advanced mode • Signpost information • Lane information • Rich POI database • Trip computer
- Speed limit information • Includes full road safety and camera data • Pre-recorded voices for voice guidance • Text-to-speech • TMC traffic information ready

*3D information not available everywhere.
*TMC service is an optional subscriber based service.



MULTIMEDIA

iPod Direct Control via USB

Just connect the USB cable that's included with your iPod to the NX509A's Rear USB input to control your iPod from either side. Using an optional CCA723 cable will even let you watch iPod Video on the screen. The same USB terminal can also be used to connect a USB memory device with digital music files stored on it.

* To connect iPod, please use the USB cable included in your iPod.
* Please see the Clarion website for iPod models that can be connected.

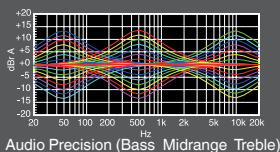


Digital Media Ready (DivX®)

DivX is a common media language that delivers a pure digital experience. Clarion has provided DivX playback on most AV products since 2008. DivX enriched video files deliver superior video quality and allow more information on a single disk. Once again Clarion delivers the features you expect.

Enhanced Sound Performance

Beat EQ's 3-band parametric equalizer helps you customise your sound, while MagnaBass EX boosts ultra-low frequencies so you can enjoy a more solid bass performance.



BBE® MP for Better Sounding MP3/WMA/AAC Files

BBE MP (Minimized Polynomial Non-Linear Saturation) Process improves digitally compressed sound such as MP3/WMA/AAC by restoring the harmonics that are lost through compression, thereby reproducing the warmth, details and nuances that you would otherwise miss. BBE MP enhanced harmonics even serve to make regular CDs sound better.

• Manufactured under license from BBE Sound, Inc.
• Licensed by BBE Sound, Inc. under one or more of the following US patents : 5510752, 5736897. BBE and BBE symbol are registered trademarks of BBE Sound, Inc.

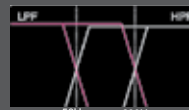
•BBE MP Process



• This Diagram shows only image for function of BBE MP

Built-in HPF and LPF

The internal High Pass and Low Pass Filters allow your music to be played at the precise levels that they were meant to be heard. Enjoy bass with more muscle and highs with more clarity.



24-Bit D/A Converter

Fully enjoy the sonic impact of DVD movie soundtracks or music videos. 24-bit technology actually oversamples the digital signal, providing excellent results that just weren't possible with older 16-bit systems.

2-Zone Entertainment

This allows rear seat passengers to enjoy a DVD movie or iPod Video while the front seat passengers enjoy their favorite radio station or music from a USB memory device.



Digital TV Tuner Ready

Connect to a DTX008 digital television tuner and enjoy your favorite free-to-air TV programs, news, talk shows and sports with digital quality sound throughout Australia (where ever DTV signals are available).



iPod USB Direct for playback through USB cable provided with iPod.



USB Connector even supports playback of WMA/MP3/AAC files.



6ch RCA Outputs let you freely add external power amplifiers to create a more powerful, sophisticated audio system.



24-Bit D/A Converter

Bluetooth-ready with BLT370

Hands-free conversations (HSP/HFP) on Bluetooth-ready mobile phones promotes safer driving. This is made possible via wireless connection of a mobile phone to the vehicle's audio system. Thanks to the A2DP Advanced Audio Distribution Profile, you can enjoy high quality wireless music playback from many new mobile phones or portable media players. Moreover, AVRCP (Audio Video Remote Control Profile) allows you to seamlessly control your music.



See page 8 for details

Sophistication and functionality to enhance your mobile experience

VZ709A / VX709A FEATURES

- DVD-Video/DVD±R/DVD±RW/CD/CD-R/RW ready
- Built-in Bluetooth® hands-free (HFP & OPP) and audio streaming (A2DP & AVRCP)
- MP3/WMA/AAC 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
- 24 FM, 6 AM radio station presets
- Rear USB connector
- iPod direct control (optional CCA723 cable required for iPod video playback)
- AV input
- Dedicated rear-view camera RCA input
- Subwoofer volume control
- 3-band parametric equaliser
- 24-bit D/A converter
- MAGNA BASS EX dynamic bass enhancement
- Built-in High Pass Filter & Low Pass Filter
- Fully motorised 7-inch QVGA colour LCD monitor (VZ709A)
- Motorised sloping control panel with 7-inch QVGA colour LCD monitor (VX709A)
- Navigation touch panel control (optional NP509A & CCB509A required)
- 6-channel audio pre-out and 2-channel audio pre-out for 2-Zone
- 2-Zone entertainment: front and rear separate source control
- 4 x 50 watt internal amplifier
- OEM steering wheel remote wired interface capability
- Built-in IR Eye (RCB187 remote included)
- Wallpaper design (4 presets)



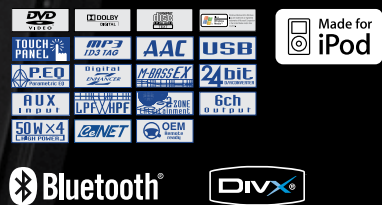
VZ709A DVD MULTIMEDIA STATION WITH 7" TOUCH PANEL CONTROL

Entertainment-intensive with intuitive interface and 2-DIN format



Remote control

VX709A 2-DIN DVD MULTIMEDIA STATION WITH 7" TOUCH PANEL CONTROL



*VZ709A / VX709A is compatible with MP3/WMA/AAC/DivX on DVD±R/ DVD±RW/CD-R/RW media formats. Maximum track capacity: 999 tracks (255 folders with max. 255 tracks per folder) *VZ709A / VX709A is compatible with MP3/WMA/AAC on USB. Maximum track capacity: 130,560 tracks (512 folders with max. 255 tracks per folder) *Playlists of mixed music and movie files cannot be played on iPod video compatible units.

MULTIMEDIA

Built-in Bluetooth® hands-free

With a Bluetooth compatible head unit, you can wirelessly connect your Bluetooth capable mobile phone to listen to calls through your car's audio system. HFP/OPP/A2DP/AVRCP protocols are supported.



iPod direct control via USB

Just connect the USB cable that's included with your iPod to the source unit's USB input to control your iPod from either side. The same USB terminal can also be used to connect a USB memory device with digital music files stored on it.

* To connect an iPod, please use the USB cable included with your iPod.
* For video playback, optional CCA723 cable required.
* Please visit our website for iPod models that can be connected.



Built-in High Pass/Low Pass Filter

The internal High Pass and Low Pass Filters allow you to set the frequency range of the audio signal that's output to each channel to best match the acoustic characteristics of the front and rear speakers and the subwoofer.

24-bit D/A converter for superb sound reproduction

The digital realm is made up of unnaturally square sound waves, as opposed to the smoothly undulating sound waves characteristic of the real-world environment. That is why Clarion's 24-bit D/A (Digital-to-Analogue) converter oversamples the digital signal to recreate the natural nuances and expressions lost during the sound reproduction process.

6-channel audio pre-out

Equipped with 6 channel outputs for Front 2 channels + Rear 2 channels + Subwoofer 2 channels and crossover settings for high sound quality reproduction.

Navigation Control : Touch Panel Operation



VZ709A



VX709A

RGB cable included with CCB509A

CeNET cable included with CCB509A

CCB509A



CeNET converter

System cable included with NP509A

NP509A



Hide-away memory navigation system

Add car navigation functionality any time

Enjoy all the benefits of in-dash car navigation: Programme your destination via the source unit's touch screen, listen to voice guidance via your vehicle's speakers and see your high-resolution map on a huge 7" screen, plus much more.

Simplified, streamlined, and yet more functionality

VZ509A FEATURES

- DVD-Video/DVD±R/DVD±RW/CD/CD-R/RW ready
- MP3/WMA/AAC 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 • 18 FM, 6 AM station presets
- iPod direct control (optional CCA723 required for iPod video playback) • Rear USB connector • New Hide-away navigation direct control (requires optional NP509A) • AV inputs • Rear vision camera RCA input, compatible with NTSC and PAL format • Subwoofer volume control • 24-bit D/A converter • BBE MP for compressed audio sound improvement • BEAT EQ for sound adjustment • MAGNA BASS EX dynamic bass enhancement • Built-in High Pass Filter & Low Pass Filter • 2-Zone entertainment: front and rear separate source control • Touch panel control (on-screen display) • Fully motorised 7-inch TFT colour LCD monitor • Adjustable display brightness • 6-channel audio pre-out (Front/ Rear/ Subwoofer) and 2-channel audio pre-out for 2-Zone • 4 x 50 watt internal amplifier • Bluetooth® interface ready (optional BLT370) • OEM steering wheel remote wired interface capability



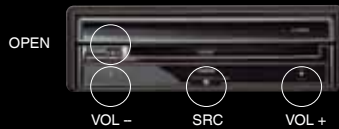
Remote control

VZ509A DVD MULTIMEDIA STATION WITH 7" TOUCH PANEL CONTROL



New graphical user interface

With a vast majority of functions controllable from the VZ509A touch panel, there are only 4 physical buttons. Operation is streamlined, simplified, and beautifully enhanced with the high-resolution on-screen display.



iPod direct control via USB

By connecting an iPod to the source unit's USB input using the USB cable provided with your iPod, it will be possible to control the iPod, including functions such as iPod ABC Search. The same USB terminal can also be used to connect a USB memory device with digital music files stored on it.

* To connect an iPod, please use the USB cable included with your iPod.
 * For video playback, optional CCA723 cable required.
 * Please see our website for iPod compatibility information.



Wide-ranging format compatibility

Enjoy a vast selection of movies and music with support of DVD, DivX, as well as MP3, WMA and iTunes AAC data stored on CD or DVD discs.



Navigation control



VZ509A

System cable included with NP509A

Direct navigation control

NP509A



Hide-away memory navigation system

Add direct car navigation functionality

Directly connect the hide-away navigation unit and you'll have a car navigation system offering touch panel operation and interactive voice guidance; music is muted when an instruction is made.



Clarion's Gateway to the convenient world of premium car navigation

NP509A

HIDE-AWAY MEMORY NAVIGATION SYSTEM

- Direct connection with VZ509A. CCB509A interface required for VX709A/VZ709A • System integration: Touch screen operation, AV interruption, navigation voice guidance and audio mix • Stand-alone mode available (optional SA509A required) • Built-in 4GB flash memory for navigation
- SD card slot for map updating • SIRF III GPS module with 20-channel receiver
- Built-in RDS-TMC tuner • No speed pulse connection required • Navigation : please refer to navigation features from NX509A featured on page 3

*3D information not available everywhere.
 *TMC service is an optional subscriber based service.



CCB509A

CeNET CONVERTER FOR NP509A

CeNET converter box to connect NP509A with VX709A & VZ709A



SA509A

STAND-ALONE ACCESSORY KIT FOR NP509A

- IR Remote Control and Remote Eye
- External speaker for Voice Guidance
- RCA video cable

*See bottom of page 8 for system example



NP509A

RCA video connection (Optional SA509A required)



MULTIMEDIA

Get Going with QVGA Quality Entertainment and Navigation



VX409A 2-DIN DVD Multimedia Station with 6.5-inch Touch Panel Control

CEA 2006 Power Ratings
18W-4 RMS (4Ω @ 14.4V ±1% THD-N)
S/N 76dB (Ref: 1W into 4Ω)



Remote Control

VX409A/VZ409A FEATURES

- DVD-Video/DVD±R/DVD±RW Ready • CD-DA/HDCD/CD-R/RW Ready • MP3/WMA Compatible with ID3-TAG Display • 18 FM / 6 AM Station Presets • iPod Direct Control (Optional CCUIPOD1 required)
- Navigation RCA Video Input • Rear AV Input • Rear AV Output • 24-bit D/A Converter • Fully Motorized QVGA Color LCD Monitor (VZ409A/7-inch VX409A/6.5-inch) • Adjustable Display Brightness • Tilt Angle 5 Positions Display (VZ409A) • 6ch RCA Output
- Subwoofer Volume Control • 40 W × 4 Built-in Amplifier • Smart Rotary Volume Control • Bluetooth® Interface Ready (Optional BLT370) • OEM Steering Remote Ready • Remote Control Included



Remote Control

VZ409A DVD Multimedia Station with 7-inch Touch Panel Control

CEA 2006 Power Ratings
18W-4 RMS (4Ω @ 14.4V ±1% THD-N)
S/N 76dB (Ref: 1W into 4Ω)



MULTIMEDIA



24-Bit D/A Converter



Direct iPod connection via optional CCUIPOD



6ch Output for superior system expandability and versatility.

Superb Sound and Optimized Operation

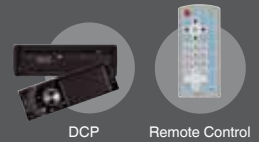


VZ309A DVD Multimedia Station with 3.5-inch LCD Monitor

VZ309A FEATURES

- DVD-Video/DVD±R/DVD±RW Ready • CD-DA/HDCD/CD-R/RW Ready • MP3 and WMA Compatible with ID3-TAG Display • Front USB Slot • 18 FM/12 AM Presets • Plays iPod with optional CCUIPOD1 • Front 3.5mm Aux Input • Rear vision Camera RCA Input • Subwoofer Volume Control • 24-bit D/A Converter • Rear AV Output • Flip-down with 3.5-inch TFT Color LCD Monitor • Adjustable Display Brightness • 6ch RCA Output • 50 W × 4 Built-in Amplifier • Remote Control Included

CEA 2006 Power Ratings
18W-4 RMS (4Ω @ 14.4V ±1% THD-N)
S/N 75dB (Ref: 1W into 4Ω)



DCP Remote Control



Front AUX Input for connection of portable audio player or other equipment.



6ch Output for superior system expandability and versatility.



iPod playback possible via optional CCUIPOD.

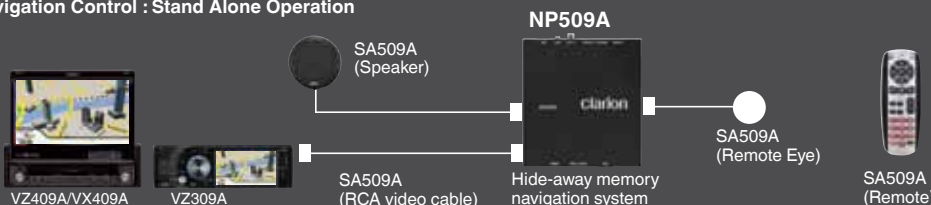


USB Connector even supports playback of WMA/MP3 files.

3.5-inch LCD Screen

The 3.5-inch LCD displays operational status of your iPod, CD and DVD playback, radio functions and more. It offers maximum usability within minimum dimensions. Connect a CC2011E rear view camera kit for safer driving. View the wide angle rear view image on-screen in full color.

Navigation Control : Stand Alone Operation



Add car navigation functionality to an existing indash screen product.

Enjoy all the benefits of Clarion's black box navigation system. The SA509A stand-alone kit allows you to utilize the NP509A with any existing in-dash multimedia system*. The SA509A kit includes a remote control, infrared remote eye and an external speaker for voice guidance.

* Multimedia system must have at least one available video signal input that is capable of functioning while car is in motion.

Home Theater? We Prefer "In-car" Theater. Clarion's Overhead Monitors Combine The Comforts of a Home System, In Your Back Seat.

"Are we there yet?" That sentence will become extinct once you install a Clarion rear seat overhead entertainment system. Featuring monitor sizes ranging from 8-inch to 15-inch which include a built in DVD player and wireless headphone transmitters - peace of mind is only a press of a button away.

Our TFT active matrix LCD monitors reproduce vivid colors and provide crisp clear viewing of your favorite DVD. Now the problem will be getting your kids out of the car when you reach your destination.



OHM1575VD
15.4-inch Wide Screen
LCD Overhead Color Monitor with
DVD Player

OHM1575VD/OHM107VD/OHM875VD FEATURES

- Color TFT-LCD Monitor
- Roof Mounting Application
- NTSC and PAL Compatible
- Adjustable Color/Contrast/Brightness/Tint
- White LED Dome Light
- Built-in IR Transmitter for Wireless Headphone
- IR Remote Control
- On Screen Display
- 2 x AV Input (Back side)
- 1 x AV Output (Back side)
- Slot-in DVD mechanism
- Capability to read: DVD Format/DVD±R/DVD±RW/CD-DA/CD-R/RW/MP3/WMA/VCD/SVCD/Mpeg 1,2 & .Avi



OHM107VD
10.2-inch Wide Screen
LCD Overhead Color Monitor with
DVD Player



OHM875VD
8-inch Wide Screen
LCD Overhead Color Monitor with
DVD Player



With Clarion Multimedia Loaded in Your Vehicle, Your Back Seat Might Become Your Home Away from Home.

Driving doesn't have to be a voyage from point A to B, it can be a journey full of vivid imagery and sound in your rear seat. Have your favorite movies and video games waiting for you whenever you are ready.



VMA773
7" Headrest/Stand-alone
LCD Wide Monitor

- 7" TFT Color Monitor
- Dimensions:
7-1/2" (W) x 5-1/4" (H) x 1-1/4" (D)

- 16:9/4:3 Adjustable Screen Format
- On-screen Display
- 2 AV Inputs
- Built-in Dual IR Output for Headphone (Optional WH204H)
- Built-in Receiver for compatible Device
- Easy-fit Universal Mounting Bracket Included
- Supports NTSC and PAL



VMA573
5.6" Headrest/Stand-alone
LCD Wide Monitor

- 5.6" TFT Color Monitor
- Dimensions:
6-1/4" (W) x 4-3/8" (H) x 1-1/4" (D)

MULTIMEDIA

OPTIONAL ACCESSORIES

DTX008 Mobile DVB-T Television Tuner with Antennas



- Suitable for DVB-T reception coverage area
- Receives both VHF & UHF signals
- Contains digital decoder & twin tuners
- Digital decoder automatically performs error correction, which increases signal to noise (S/N) ratio and reception capacity
- Supports both 4:3 and 16:9 image ratio
- Video outputs : 4 RCA (75ohm)
- Audio output : 2 RCA
- A/V inputs : 2 RCA
- Receives standard digital TV programs
- Provides Electronic Program Guide (EPG) function (when available)
- 24 bit processing for stereo sound output
- Includes ZCP008 (1 pair of) on-glass, active antennas
- Remote control and extended IR receiver

IR700/IRH602A Wireless Headphone Systems

- IR700: IR Wireless Headphones
- IRH602A: IR Wireless Headphones (Dual Channel Input)



FM200 FM Modulator

- 2-channel RCA Audio Input
- 2 Selectable FM Transmitting Stations
- Adjustable Audio Level Control
- On/Off Switch Included



VA700 Video Distribution Amplifier

- 1 RCA Composite Video Input
- 7 Buffered 75-Ohm RCA Composite Video Outputs
- Stable Video Signal for up to 7 LCD Monitors



RVCK1 Rear Vision Camera Kit

- Includes : CC2011E
CAA188
CCA533

CC2011E Ultra Compact Color CCD Camera (MIRROR IMAGE)



SH1575/SH1075 Shroud for OHM1575VD/ OHM1075VD



CCA723 iPod Video Connecting Cable for NX509A/VZ509A VZ709A/VX709A



RCB199 External Microphone for VZ709A and VX709A

CCA673 iPod Video Connecting Cable for VRX776VD, MAX676VD and MAX686VD

CCA691 iPod Video Connecting Cable for VRX576USB and VRX586USB

CAA185 Power Box for CC1030E



CCA533 10mtr Camera Cable

Designing Your Entertainment with Wireless Communication



FZ709A
Bluetooth USB/MP3/WMA/AAC Receiver
with CeNET Control

CEA 2006 Power Ratings
18W x 4RMS (40g @ 14.4V ±1% THD+N)
S/N 87dB (Ref: 1W into 4Ω)



• Bluetooth Ready: Only for FZ409

Built-in Bluetooth® (FZ709)

Connect with various devices such as mobile phones, PDAs and MP3 Players via the unit's built-in wireless Bluetooth interface. Supports popular Bluetooth profiles including A2DP/AVRCP for audio streaming and HFP/OPP for hands-free operation, so you can easily communicate and listen to your favorite music to your vehicle's audio system. Wired microphone is supplied for crystal clear telephony.



FZ709A / FZ409A FEATURES

- Built-in Bluetooth® Hands-free (HFP & OPP) and Audio Streaming (A2DP & AVRCP) (Only for FZ709) • MP3, WMA and iTunes® AAC Compatible with ID3-TAG Display • 18 FM/ 6 AM Presets • USB Audio for iPod (Rear)
- 3.5mm Aux Input (Rear) • Subwoofer Control • 24-Bit D/A Converter
- BBE MP for Compressed Audio Sound Improvement • Beat EQ for Sound Adjustment • Built-in LPF/HPF • Touch Sensor Operation • Full Dot OEL Display • 6ch/4V RCA Output (Only for FZ709) • 6ch/2V RCA Output (Only for FZ409) • 50W x 4 Built-in Amplifier • OEM Steering Wheel Remote Ready • Remote Control Included • iPod Video Ready (Optional CCA723 required)

(Remote Control)

Making the Most of Your Musical Potential

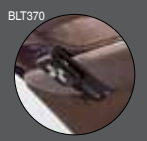


FZ409A
USB/MP3/WMA/AAC Receiver
with CeNET Control

CEA 2006 Power Ratings
18W x 4RMS (40g @ 14.4V ±1% THD+N)
S/N 87dB (Ref: 1W into 4Ω)

Bluetooth Audio Interface (FZ409A)

Keep your cell phone or Bluetooth Audio enabled playback device safe and sound in your pocket or purse while enjoying crystal-clear sound through optional BLT370 Bluetooth transceiver.



Uniquely Curved Design, Straightforward High Performance.



CZ509A
Bluetooth CD/USB/MP3/WMA/AAC
Receiver with CeNET Control

CEA 2006 Power Ratings
22W x 4RMS (40g @ 14.4V ±1% THD+N)
S/N 92dB (Ref: 1W into 4Ω)



- CD-DA/CD-R/RW Ready • Built-in Bluetooth® Hands-free (HFP & OPP) and Audio Streaming (A2DP & AVRCP) • MP3, WMA and iTunes® AAC Compatible with ID3-TAG Display • USB Digital Media Streaming Capability • 18 FM/ 6 AM Presets • USB Audio for iPod (Rear)
- Front 3.5mm Aux Input • Subwoofer Volume Control • BBE MP for Compressed Audio Sound Improvement • Beat EQ for Sound Adjustment • Built-in LPF/HPF • Flip-down Control Panel
- 13 x 10 2-Line High Visibility LCD • Large and Easy to Operate Rotary Volume
- 6ch RCA Output • 50W x 4 Built-in Amplifier • OEM Steering Wheel Remote Ready
- Detachable Control Panel • Handsfree Microphone Included • Remote Control Included

Integration and Innovation Are Your Source of Satisfaction.



CZ309A
CD/USB/MP3/WMA/AAC Receiver
with CeNET Control

CEA 2006 Power Ratings
20W x 4RMS (40g @ 14.4V ±1% THD+N)
S/N 90dB (Ref: 1W into 4Ω)



- CD-DA/CD-R/RW Ready • MP3, WMA and iTunes® AAC Compatible with ID3-TAG Display • USB Digital Media Streaming Capability • 18 FM/ 6 AM Presets • USB Audio for iPod • Front USB Slot • Front 3.5mm AUX Input • Subwoofer Volume Control • Z-Enhancer Plus Sound Customization • MAGNA BASS EX dynamic bass enhancement • Built-in LPF/HPF • High Visibility Single Line Display with Screensavers • Rotary Volume with Anti-slip design • 6ch RCA Output • 50W x 4 Built-in Amplifier • OEM Steering Wheel Remote Ready • Bluetooth® Interface Ready (Optional BLT370) • Detachable Control Panel
- Remote Control Included

SOURCE UNITS



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



iPod USB Direct for playback through USB cable provided with iPod.



USB Connector even supports playback of WMA/MP3/AAC files.



Rear USB enables connection of iPod and USB memory devices.



Front AUX input for connection of portable audio player or other equipment.

Drive safe with wireless connectivity in your vehicle

Bluetooth® & Mobile-phone

Clarion's Bluetooth® technology allows you to talk hands-free through your car's audio system via a Bluetooth® compatible mobile phone. If your mobile phone (or other audio device) is compatible with Bluetooth audio profiles (A2DP or AVRCP), you can stream music stored on the phone or other audio device wirelessly to the car's audio system for seamless playback.



BLT370

Bluetooth Transceiver

Bluetooth Profile : Headset Profile (HSP), Hands-free Profile (HFP), Advanced Audio Distribution Profile (A2DP), Audio Video Remote Control Profile (AVRCP).



Bluetooth Interface with Hands-free calling and Audio Streaming capability.

Bluetooth Transceiver Compatibility Chart

MULTIMEDIA



SOURCE UNITS



MARINE AUDIO



"Bluetooth Mobile Phone"



AUX input

CZ209A
CD/USB/MP3/WMA Receiver



CZ109A
CD/MP3/WMA Receiver



CZ209A / CZ109A FEATURES

- CD-DA/CD-R/RW Ready • MP3 and WMA Compatible with ID3-TAG Display • 18 FM/ 6 AM Presets • USB Audio for iPod (Only for CZ209A) • Rear USB Connector (Only for CZ209A) • Front 3.5mm AUX Input • Z-Enhancer Plus Sound Customization • MAGNA BASS EX dynamic bass enhancement • High Visibility Single Line Display with Screensavers
- Easy to operate Rotary Volume • Non Fader Volume Control • 4ch RCA Output (Front+Non-Fade) • 50W x 4 Built-in Amplifier • OEM Steering Wheel Remote Ready • Bluetooth Interface Ready (Optional BLT370) • Detachable Control Panel • Remote Control Optional



Rear USB enables connection of iPod and USB memory devices. (Only for CZ209A)



• USB: Only for CZ209A • Made for iPod: Only for CZ209A

Connect.....
To The Double-Din That Was Designed To Deliver



CX609A
2-DIN Bluetooth CD/USB/MP3/WMA/AAC Receiver with CeNET Control



- CD-DA/CD-R/RW Ready • Built-in Bluetooth® Hands-free (HFP & OPP) and Audio Streaming (A2DP & AVRCP) • MP3, WMA and iTunes® AAC Compatible with ID3-TAG Display • USB Digital Media Streaming Capability • 18 FM/ 6 AM Presets • USB Audio for iPod (Rear) • Front 3.5mm Aux Input • Subwoofer Volume Control
- BBE MP for Compressed Audio Sound Improvement • Beat EQ for Sound Adjustment • Built-in LPF/HPF • 728-variable Color Display & Illuminated Keys
- 13 x 10 2-Line High Visibility LCD • 4ch RCA Output (F+R/SW) • 50W x 4 Built-in Amplifier • OEM Steering Wheel Remote Ready • Handsfree Microphone Included
- Remote Control Included



(Remote Control)



728 Variable-Color Illumination
You're free to select the exact color you want, to match your car's instrument panel or match your mood today.



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



iPod USB Direct for playback through USB cable included in your iPod.



USB Connector even supports playback of WMA/MP3/AAC files.



Front AUX Input for connection of portable audio player or other equipment.

Built-in Bluetooth®

For wireless connection with mobile phones, PDAs and MP3 Players. Supports Bluetooth profiles A2DP/AVRCP for audio streaming and HFP/OPP for hands-free operation, so you can easily communicate and transfer digital music to your vehicle's audio system. A wired microphone is also supplied.

Rear USB for Direct iPod Control

Just connect the USB cable that's included with your iPod to the rear USB input to control your iPod from the source unit. For the CX609A that includes genre/album/song title search using iPod's control wheel.

* To connect iPod, please use the USB cable included in your iPod.
* Please see the Clarion website for iPod models that can be connected.

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

BBE® MP (Minimized Polynomial Non-Linear Saturation)

By restoring the harmonics that are lost during digital compression of MP3 and WMA audio files, BBE MP reproduces the warmth, details and nuances of sound that you would otherwise miss. Effective for digital audio files and CDs.

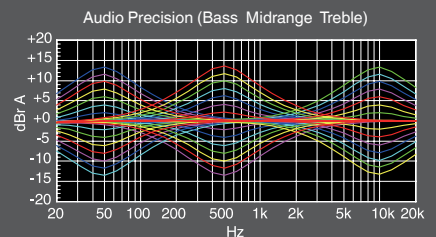
* Manufactured under license from BBE Sound, Inc. • Licensed by BBE Sound, Inc. under one or more of the following US patents: 5510752, 5736897. BBE and BBE symbol are registered trademarks of BBE Sound, Inc.

BBE MP Process



Beat EQ with Parametric Equalization

In addition to providing 3 preset equalization patterns, BeatEQ even lets you freely customise the level and range of the bass, midrange and treble portions of each pattern with a 3-band parametric equalizer.



OPTIONAL AUDIO ACCESSORIES

RCB176
Remote Control for 2009/2008 Source Unit



CCAUX
RCA/3.5mm AUX Input Cable with Integrated Cover : 0.5mtr



CCAUSB
USB Extension Cable with Integrated Cover : 1mtr



SOURCE UNITS

MARINE AUDIO SYSTEMS



Digital Video — The Newest Wave in Marine Entertainment



CMV1 Watertight Marine DVD/CD/USB Receiver / CeNET Control



CEA 2006 Power Ratings
17W x 4RMS (4Ω @ 14.4V ±1% THD+N)
S/N 77dB (Ref: 1W into 4Ω)



(Remote Control)

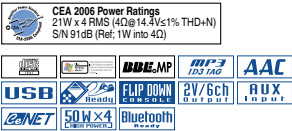
- DVD-Video/DVD±R/DVD±RW/CD-DA/CD-R/RW and DivX® Ready • MP3, WMA and iTunes® AAC Compatible with ID3-TAG Display • Official DivX Certified product • Plays all versions of DivX video (including DivX 6) with standard playback of DivX media files • 18 FM/ 6 AM Presets • USB Audio for iPod (Rear) • 24-Bit D/A Converter • BBE MP for Compressed Audio Sound Improvement • Watertight Flip-down control panel with 3.5-inch TFT Color LCD Monitor • 6ch RCA Audio Output, and Video Outputs

- RCA Video Input • 50W x 4 Built-in Amplifier • Built-in IR Eye • Bluetooth® Interface Ready (Optional BLT370) • Meets ASTM B117 <Salt/Fog Exposure> • Meets ASTM D4329 <UV Exposure> • HumiSeal Coated PCB • Sealed Stainless Steel Chassis • iPod Video Control (Optional CCA723) • Fixed Audio Output • New Wired Remote Control (optional MW1/2) Ready • Wireless IR Remote Included

Go Off Shore but Stay In Touch with Your Music



CMD6 Watertight Marine CD/USB Receiver with CeNET Control



(Remote Control)

- CD-DA/CD-R/RW Ready • MP3, WMA and iTunes® AAC Compatible with ID3-TAG Display • USB Digital Media Streaming Capability • 18 FM/ 6 AM Presets • USB Audio for iPod (Rear) • BBE MP for Compressed Audio Sound Improvement • Watertight Flip-down control panel • 13 x 10 2-Line High Visibility LCD • 6ch RCA Output • 2 sets of RCA AUX Inputs with Level Control • 50W x 4 Built-in Amplifier • Built-in IR Eye • Bluetooth® Interface Ready (Optional BLT370) • Meets ASTM B117 <Salt/Fog Exposure> • Meets ASTM D4329 <UV Exposure> • HumiSeal Coated PCB • Sealed Stainless Steel Chassis • Fixed Audio Output • New Wired Remote Control (Optional MW1/2) Ready • Wireless IR Remote Included

Essential Functions and Quality with Added Reliability



M309 Marine CD/USB Receiver with CeNET Control

CEA 2006 Power Ratings
21W x 4 RMS (4Ω @ 14.4V ±1% THD+N)
S/N 91dB (Ref: 1W into 4Ω)



(Remote Control)



- CD-DA/CD-R/RW Ready • MP3, WMA and iTunes® AAC Compatible with ID3-TAG Display • USB Digital Media Streaming Capability • 18 FM/ 6 AM Presets • USB Audio for iPod (Rear) • Front 3.5mm & Rear Aux Inputs with Level Control • BBE MP for Compressed Audio Sound Improvement • 13 x 10 2-Line High Visibility LCD • 6ch RCA Output • 50W x 4 Built-in Amplifier • Built-in IR Eye • Bluetooth® Interface Ready (Optional BLT370) • Meets ASTM D4329 <UV Exposure> • HumiSeal Coated PCB • Sealed Stainless Steel Chassis • Detachable Control Panel and Case • Fixed Audio Output • New Wired Remote Control (Optional MW1/2) Ready • Wireless IR Remote Included



The M309 features Clarion's U-Curved Design with smartly clustered controls for functionality and style.

MARINE CD CHANGER

DCZ625 6-disc CD CeNET Changer



- CeNET Controlled • Digital Optical Output • CD Text • CD-R/RW Ready • -15° to 105° Mounting Angle • 8x Over Sampling Digital Filter • Zero Bit Detector Mute Circuit • Spring Loaded Silicon Oil Dampened Suspension • Dual 1-bit D/A Converters • 3-Beam Laser System • Eject Capability While Ignition Off • Dimensions: 9" (W) x 2-1/2" (H) x 6-5/8" (D)

System Control from Anywhere Onboard

With Clarion's new watertight, wired remote controls, command of your system is always just an arms-reach away. Up to three can be installed. LCD-equipped models will even let you see iPod song titles and artist information.

MW1
Watertight Marine
Remote Control with LCD
for CMV1, CMD6
& M309



MW2
Watertight Marine
Remote Control
for CMV1, CMD6
& M309



CCA AUX
RCA/3.5mm
AUX Input
Cable



CCA USB
USB
Extension
Cable



MWRXCRET
7.5mtrs Marine
Remote Extension
Cable for
MW1/2



MWRYCRET
Remote Y-Cable
for MW1/2



Engineered to Withstand Water and Salt

Water is a marine source unit's worst enemy, and salt can be a nightmare. Our CMV1/CMD6 source units have been IPX5 tested and certified to offer the highest water intrusion protection and salt resistance. Rubber gaskets stop water in its tracks, with integrated drainage channels to keep water out.



Stainless Steel for Toughness on the Inside

Should any water get behind the panel, the stainless steel chassis, along with an integrated drip shield over the main harness connector, helps protect internal circuitry from the effects of moisture, corrosion and mildew.



MARINE SOUND SYSTEM

Hideaway Source Unit for Heightened Protection

Clarion's CMS1 is like a source unit and a hub, all rolled into one "black box". The essentials including AM/FM Weather Band radio are built in, and with a wide variety of connections including USB and iPod you can easily create a system that's customized to your exact needs.



CMS1 Marine Mechanism-less Source Unit

CEA 2006 Power Ratings
16W x 4 RMS (4Ω @ 14.4V ±1% THD+N)
S/N 745B (Ref: 1W into 4Ω)

MP3 ID3 TAG USB 40W x 4



- MP3, WMA Compatible with ID3-TAG Display
- 6 FM/ 6 AM Presets
- Rear USB Connector
- Direct iPod Audio Interface and Control (Optional CCUIPOD Required)
- RCA Jack & Harness Terminal in Gold Plated
- 40W x 4 Built-in Amplifier
- Wired Remote Ready (Optional MW1/2)
- Meets ASTM B117 <Salt/Fog Exposure>
- Meets ASTM B117 <Salt/Fog Exposure>
- Commander Waterproof (IPX6)
- Water Resistance Chassis
- HumiSeal Coated PCB



Everything You Need to Make Serious Waves

SUBWOOFERS

CMQ2010W
8" Water Resistant Performance Series Subwoofer

Input: MAX 200W



CMQ2510W
10" Water Resistant Performance Series Subwoofer

Input: MAX 300W



Q SERIES SPEAKERS

CMQ1620R
6.5" Water Resistant Q Series Coaxial Speaker

Input: MAX 100W



CMQ1720R
7" Water Resistant Q Series Coaxial Speaker

Input: MAX 120W



CMQ6930R
6x9" Water Resistant Q Series Multiaxial Speaker

Input: MAX 120W



MARINE SPEAKERS

CMSW10.1
10" Water-Resistant Marine Subwoofer

Input: MAX 350W



CMCS7.1
7" 2-way Water-Resistant Component Speaker System

Input: MAX 160W



CM1635
6 1/2" 2-way Water-Resistant Component Speaker System

Input: MAX 130W



CM1625
6 1/2" Coaxial 2-way Water Resistant Speaker

Input: MAX 100W



CMCX7.1
7" Coaxial 2-way Water Resistant Speaker

Input: MAX 160W



Variable Angle Tweeters

Being on the water is no excuse for second rate sound. That's why Clarion offer high-performance marine speakers that offer the water-resistance and durability you need. "Q" series speakers also feature variable-angle tweeters. The freely adjustable tweeter angle, allows you to more precisely create the soundscape you want from your on-board installation.

MARINE AMPLIFIERS

APX490M
Marine 720W 4/3/2 Channel Power Amplifier

CEA 2006 Power Ratings
110W x 4 RMS (4Ω @ 14.4V ±1% THD+N)
S/N 979B (Ref: 1W into 4Ω)

4/3/2 ch. Power AMP LPA/HPF BASS Extender MAX 720W



APX290M
Marine 360W 2/1 Channel Power Amplifier

CEA 2006 Power Ratings
100W x 2 RMS (4Ω @ 14.4V ±1% THD+N)
S/N 96dB (Ref: 1W into 4Ω)

2/1 ch. Power AMP LPA/HPF BASS Extender MAX 360W



	CMQ1620R	CMQ1720R	CMQ6930R	CMQ2010R	CMQ2510R	FEATURES & SPECIFICATIONS
Speaker Size (Inches)	6 1/2"	7"	6 x 9"	8"	10"	
MAX Input (Watts)	100	120	120	200	300	
RMS Input (Watts)	50	60	60	100	140	
Impedance (Ohms)	4	4	4	4	4	
Salt Spray ASTM B117	●	●	●	●	●	
UV STD ASTM D4329	●	●	●	●	●	
Grille Included	●	●	●	●	●	
Applications	Coax	Coax	Coax	Free air subwoofer	Free air subwoofer	
PEI Black Tweeter (Inches)	1"	1"	1"	—	—	
Black Mid Tweeter (Inches)	—	—	2.5"	—	—	
PP Injection Cone Woofer	● (silver)	● (silver)	● (silver)	● (Black)	●	
Stainless Steel Screw	●	●	●	●	●	
Santoprene Rubber Surround Edge	●	●	●	●	●	
Gold Plated Terminal	●	●	●	●	●	
Integrated into Basket Integrated Magnetic Shielding	●	●	●	●	●	
Ferric Oxide Magnet	●	●	●	●	●	
Frequency Response (Hz)	60-20k	55-20k	55-20k	45-1k	30-600	
Sensitivity (dB)	88	88	88	86	85	

	CMCS7.1	CM1635	CM1625	CMCX7.1	CMSW10.1	FEATURES & SPECIFICATIONS	APX490M	APX290M	FEATURES & SPECIFICATIONS
Maximum Music Power (Watts)	160	130	100	160	350		720	360	Maximum Music Power (Watts)
Mica-Injection Polypropylene Woofer Cone (inch)	7	6-1/2	6-1/2	7	10		90W x 4	90W x 2	4 Ohms : RMS Power Output
Sanoprene Rubber Surround	●	●	●	●	●		165W x 4	150W x 2	2 Ohms : RMS Power Output
Titanium Coated Dome Tweeter	●	●	●	●	●		●	●	Variable Bass Extender; 0 - 15dB @ 45Hz
Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329)	●	●	●	●	●		●	●	Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz - 550Hz (Rear 55 - 550Hz, 550Hz - 5.5kHz)
High Impact Centrex 814 Grille / Frame	●	●	●	●	●		●	●	Mixed Mode Operation
Liquid Drainage System	●	●	●	●	●		●	●	Conformal Coated Double Sided PCB
Rubber Insulated Tinsel Leads	●	●	●	●	●		●	●	Non-Corrosive Aluminum Heat Sink
Gold Plated Speaker Terminals	●	●	●	●	●		●	●	
Stainless Steel Mounting Hardware	●	●	●	●	●		15-1/4 x 9-1/8 x 2-1/4	10-1/2 x 9-1/8 x 2-1/4	Dimensions (W x L x H)(inch)
Rubber Mounting Gasket	●	●	●	●	●				

MARINE AUDIO SYSTEMS

DYNAMIC AMPLIFIERS



CLASS GH AMPLIFIERS SERIES

- High quality and efficiency with Class G/H technology
- Precise Frequency Selector



DPX11551 1550W Mono Power Amplifier

CEA 2006 Power Ratings
850W x 1 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 63dB (Ref: 1W into 4Ω)

1 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 1550W



DPX1851 850W Mono Power Amplifier

CEA 2006 Power Ratings
460W x 1 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 68dB (Ref: 1W into 4Ω)

1 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 850W



DPX2251 650W 2/1 Channel Power Amplifier

CEA 2006 Power Ratings
200W x 2 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 86dB (Ref: 1W into 4Ω)

2/1 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 650W



CLASS AB AMPLIFIERS SERIES

- High Maximum Music Power
- Mixed-Mode Operation

APX4361 680W 4/3/2 Channel Power Amplifier

CEA 2006 Power Ratings
100W x 4 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 86dB (Ref: 1W into 4Ω)

4/3/2 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 680W



CLASS AB AMPLIFIERS SERIES

- High Maximum Music Power
- Selectable Bass Boost

APX1301 420W Mono Power Amplifier

CEA 2006 Power Ratings
320W x 1 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 70dB (Ref: 1W into 4Ω)

1 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 420W



APX4241 400W 4/3/2 Channel Power Amplifier

CEA 2006 Power Ratings
80W x 4 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 75dB (Ref: 1W into 4Ω)

4/3/2 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 400W



APX2121 200W 2/1 Channel Power Amplifier

CEA 2006 Power Ratings
80W x 2 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 72dB (Ref: 1W into 4Ω)

2/1 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 200W



APX2181 340W 2/1 Channel Power Amplifier

CEA 2006 Power Ratings
95W x 2 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 86dB (Ref: 1W into 4Ω)

2/1 ch. Power AMP LTPX/HPF MOS-FET Technology MAX 340W



AMPLIFIERS

DPX11551			DPX1851			DPX2251			FEATURES & SPECIFICATIONS		
1550	850	650	1550	850	650	1550	850	650			
850w x 1	460w x 1	180w x 2	1550w x 1	850w x 1	300w x 2				Maximum Power Output (Watts)		
		600w x 1							4-Ohm : RMS Power Output		
									2-Ohm : RMS Power Output		
									bridged@ 4-Ohm		
									Input Voltage Sensing		
									Precise Frequency Selector -24dB / Oct. Low Pass Crossover, 30-230Hz		
									Precise Frequency Selector -12dB / Oct. High/Low Pass Crossover, 50Hz - 575Hz, 525Hz - 5.8kHz		
									Adjustable Subsonic Filter, 10-80Hz		
									Number of Channels		
									MOS-FET Power Supply		
									2-Ohm Stable		
									2-Ohm Mono Stable		
									Variable Bass Boost; 0-15dB @ 30-125Hz		
									Variable Bass Boost; 0-15dB @ 45Hz		
									Gold Plated Connectors; RCA/ Speaker/ Power		
									Speaker Level Input		
16-3/4 x10-1/8 x2-3/8	13-5/8 x10-1/8 x2-3/8	12-1/4 x10-1/8 x2-3/8							Dimensions (W" x L" x H")		

APX4361					APX2181					APX1301					APX4241					APX2121					FEATURES & SPECIFICATIONS				
680	340	420	400	200	680	340	420	400	200	680	340	420	400	200	680	340	420	400	200	680	340	420	400	200					
90w x 4	90w x 2	300w x 1	60w x 4	60w x 2	160w x 4	150w x 2	400w x 1	80w x 4	80w x 2	320w x 2	300w x 1		100w x 2	100w x 1						Maximum Power Output (Watts)									
																					4-Ohm : RMS Power Output								
																					2-Ohm : RMS Power Output								
																					Bridged @ 4-Ohm								
																					Mixed Mode Operation								
																					Input Voltage Sensing								
																					Precise Frequency Control								
																					Number of Channels								
																					MOS-FET Power Supply								
																					2-Ohm Stable								
																					2-Ohm Mono Stable								
																					Variable Bass Boost; 0-15dB @ 45Hz								
																					Selectable Bass Boost; 0/6/12dB @ 50Hz								
																					Independent Front / Rear Adjustable - 12db/Oct. High/Low Pass Crossovers, 55Hz-600Hz or 530Hz-5.8kHz with the Crossover Frequency Multiplier								
																					Adjustable - 12db/Oct. High/Low Pass Crossovers, 55Hz-600Hz or 530Hz-5.8kHz with the Crossover Frequency Multiplier								
																					Independent Front / Rear Adjustable - 12db/Oct. High/Low Pass Crossover, 50-300Hz								
																					Adjustable - 12db/Oct. High/Low Pass Crossover, 50-300Hz								
																					Adjustable Low Pass Crossover @ 30-300Hz								
																					Gold Plated Connectors; RCA/ Speaker/ Power								
																					Speaker Level Input								
12-1/4 x10-1/8 x2-3/8	10 x10-1/8 x2-3/8	11-7/8 x11 x2-1/4	11-7/8 x11 x2-1/4	7-7/8 x11 x2-1/4																	Dimensions (W" x L" x H")								

SUBWOOFERS



PXW1252 1000W MAX.
12" Dual 4-ohm
Voice Coil Subwoofer

CEA-2031 Speaker Rating
Maximum RMS Power: 500 watts
Impedance: 4 ohms



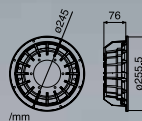
- ✓ Kevlar/Paper Composite Cone Design
- ✓ Dual Strontium Ferrite Magnets
- ✓ Spider Exhaust Technology Cooling
- ✓ Die-cast Aluminum Basket

PFW1051 600W MAX.

10" Single 4-ohm Voice Coil
Shallow Subwoofer



CEA-2031 Speaker Rating
Maximum RMS Power: 300 watts
Impedance: 4 ohms



SRW1251 800W MAX.
12" Single 4-ohm
Voice Coil Subwoofer

CEA-2031 Speaker Rating
Maximum RMS Power: 400 watts
Impedance: 4 ohms



- ✓ Fiber Glass/Paper Cone Design
- ✓ Dual Strontium Ferrite Magnets
- ✓ Spider Exhaust Technology Cooling
- ✓ Nitrile Butadiene Rubber High Excursion Surround

SRW1051 750W MAX.

10" Single 4-ohm Voice Coil
Subwoofer



CEA-2031 Speaker Rating
Maximum RMS Power: 375 watts
Impedance: 4 ohms



SWI251 700W MAX.
12" Single 4-ohm
Voice Coil Subwoofer

CEA-2031 Speaker Rating
Maximum RMS Power: 350 watts
Impedance: 4 ohms



- ✓ Fiber Glass/Paper Cone Design
- ✓ Dual Strontium Ferrite Magnets
- ✓ Spider Exhaust Technology Cooling
- ✓ Nitrile Butadiene Rubber High Excursion Surround

SRV314 120W MAX.

Slim Design 6-3/4"
Powered Subwoofer

CEA 2006 Power Ratings
25W x 2RMS [20g/14.4V@6%THD+N]
S/N 656B (Ref: 1Wm04D)



Stick Wired Remote Control



- Dual-voice Coil • 120 W High Power Amplifier with Low Pass Filter • MaxxBass Circuit for Virtual Bass Enhancer
- 6-3/4" 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 Level Input
- *"MaxxBass" is a patent of KS-Waves. "MaxxBass" is a registered trademark of KS-Waves.

<Specification>

- Speaker type: 6-3/4" counter drive powered subwoofer • Unit used: 6-3/4" MIPP cone woofer (Dual Voice coil) • Rated output: 60W (30W+30W) • Max power output: 120W (60W+60W) • Playback frequency range: 30 to 200Hz • Cut-off frequency: 50Hz/75Hz/100Hz/120Hz • Input sensitivity: RCA input 20mV to 2V. Speaker input 0.2V to 20V • Power source voltage: DC14.4V • Ground: Negative • Current consumption: 7.0A • External dimensions: [Main unit] 12-1/4" (W) x 2-5/8" (H) x 8-1/4" (D) [Remote control Unit] 3-15/16" (W) x 1-1/8" (H) x 1" (D) • Weight: [Body] 2.0Kg [Remote control] 220g

SUBWOOFERS

PXW1252 PFW1051		FEATURES & SPECIFICATIONS
1000	600	Max Power Handling (Watts)
500	300	Continuous Power Handling (Watts)
●	—	Dual 4-Ohm Heat Resistant Voice Coils
—	—	Dual 2-Ohm Heat Resistant Voice Coils
—	●	Single 4-Ohm Heat Resistant Voice Coils
●	●	Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design
●	●	Kevlar/Paper Composite Cone Design
●	●	Co-polymer Composite High Excursion Surround
●	●	Dual Strontium Ferrite Magnet Motor Assembly
●	●	Hyper-extended Vented Pole Piece
●	●	Dual Gold Plated Block Terminals
●	●	Linear Poly-cotton Spider with Integrated Tinsel Leads
●	●	S.E.T. (Spider Exhaust Technology) Cooling
●	●	Custom Designed Die Cast Aluminum
●	●	Hidden Screw Mounting Gasket
20-1.5k	20-1.5k	Frequency Response (Hz)
87	84	Efficiency (dB/W/m)
Die Cast Aluminum	Die Cast Aluminum	Basket Type
2	1	Number of Voice Coils
4	4	Impedance(Ohm)
12-3/8	10-3/8	Outside Dimension (Inch)
10-7/8	9-1/16	Cut Out Size (Inch)
6-3/8	3	Mounting Depth (Inch)
0.85 Cu	0.5 Cu	Enclosure Size(Ft)

SRW1251 SRW1051		FEATURES & SPECIFICATIONS
800	750	Max Power Handling (Watts)
400	375	Continuous Power Handling (Watts)
—	—	Heat Resistant Voice Coils
●	●	Single 4 Ohm Heat Resistant Voice Coils
●	●	Polypropylene Electronic Spun Aluminum Dust Cap
●	●	Fiber Glass / Paper Cone Design
●	●	Nitrile Butadiene Rubber High Excursion Surround
●	●	Dual Strontium Ferrite Magnets
—	—	Strontium Ferrite Magnets
●	●	Hyper Extended Vented Pole Piece
●	●	S.E.T. (Spider Exhaust Technology) Cooling
●	●	Dual Gold Plated Terminal Blocks
●	●	Linear Cotton Spider with Integrated Tinsel leads
●	●	Custom Stamped Steel Powder Coated Chassis
—	—	Custom Shallow Stamped Steel Powder Coated Chassis
20-1k	25-1k	Frequency Response (Hz)
90	88	Efficiency (dB/W/m)
Stamped Steel	Stamped Steel	Basket Type
1	1	Number of Voice Coils
4	4	Impedance(Ohm)
12-15/32	10-17/32	Outside Dimension (Inch)
11-1/4	9-1/2	Cut Out Size (Inch)
4-3/4	4-9/16	Mounting Depth (Inch)
0.8	0.4	Enclosure Size(ft²)

SWI251		FEATURES & SPECIFICATIONS
700		Maximum Music Power (Watts)
350		Continuous Power Handling (Watts)
●		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
●		S.E.T. (Spider Exhaust Technology) Cooling
●		Dual Gold Plated Terminal Blocks
●		Linear Cotton Spider with Integrated Tinsel leads
●		Custom Stamped Steel Powder Coated Chassis
30-1k		Frequency Response (Hz)
90		Efficiency (dB/W/m)
Stamped Steel		Basket Type
1		Number of Voice Coils
4		Impedance (Ohm)
12-1/4		Outside Dimension (Inch)
11-5/16		Cut Out Size (Inch)
6-1/2		Mounting Depth (Inch)
0.9		Enclosure Size (ft²)

ULTRA SERIES



SRU1720M 350W Max. 6-3/4" / 6"x8" Multifit Speaker System

- Wide frequency range: 25-80,000 Hz
- 1" TP-Silk Dome Tweeter with Neodymium Magnet
- CEA-2031 Speaker Rating
Maximum RMS Power: 80 watts
Impedance: 4 ohms



PLATINUM SERIES



SRP1620M 250W Max. 6-1/2" / 6"x8" MultiFit Speaker System

- Glass-Fiber Cone Woofer with Strontium Magnet
- 3/4" Pure Silk Dome Tweeter with Neodymium Magnet
- CEA-2031 Speaker Rating
Maximum RMS Power: 70 watts
Impedance: 4 ohms



SRU1320M 250W Max. 5-1/4" / 5"x7" MultiFit Speaker System

- Wide frequency range: 35-80,000 Hz
- 1" TP-Silk Dome Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 80 watts
Impedance: 4 ohms



SRP1320M 220W Max. 5-1/4" / 5"x7" MultiFit Speaker System

- Glass-Fiber Cone Woofer with Strontium Magnet
- 3/4" Pure Silk Dome Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 60 watts
Impedance: 4 ohms



SRP6920M 450W Max. 6"x9" MultiFit Speaker System

- Glass-Fiber Cone Woofer with Strontium Magnet
- 1" Pure Silk Dome Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 90 watts
Impedance: 4 ohms



SPEAKERS

SRU310H 300W Max. 1" Dome Tweeter

CEA-2031 Speaker Rating
Maximum RMS Power: 60 watts
Impedance: 4 ohms

- 1" TP-Silk Dome Tweeter with Neodymium Magnet
- Flush/Surface Mounting

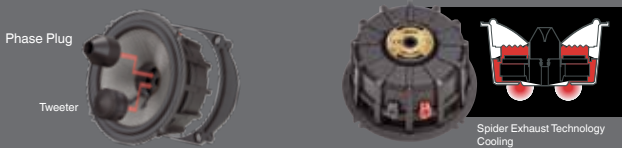


MultiFit

MultiFit construction allows the tweeter and woofer to be separated during installation. This allows the user the ability to install the speakers in the most focally-correct location for specific vehicles.

Spider Exhaust Technology Cooling

Heat is the number one enemy of speakers. All of Clarion's Ultra and Platinum woofer drivers feature S.E.T. (Spider Exhaust Technology) Cooling, to allow hot air to escape the speaker's internal motor assembly via computer designed porting.



The Sounds and Sensations of Pure Excellence

Sound to please the ear and design to catch the eye. Clarion's full line of speakers will let you customize your car's soundscape with the exact specs and looks you need.



SRU1720M			SRU1320M			SRU310H			FEATURES & SPECIFICATIONS			
350	250	300	●	●	—	●	●	—	●	●	●	Maximum Music Power (Watts)
●	●	—	●	●	—	●	●	—	●	●	●	MultiFit Speaker System Design
6-3/4	5-1/4	—	●	●	—	●	●	—	●	●	●	TP-GF Cone Woofer with Rubber Surround (Inch)
●	●	●	●	●	●	●	●	●	●	●	●	1" TP-Silk Dome Tweeter with Neodymium Magnet
●	●	—	●	●	—	●	●	—	●	●	●	2-Way Mounting Tweeter (Flush Mounting/Surface Mounting)
0,-3	0,-3	0,-3,-6	●	●	●	●	●	●	●	●	●	High Grade -12dB/oct 2 way Crossover Network with Level Attenuator (dB)
●	●	—	●	●	—	●	●	—	●	●	●	Extremely High Frequency Reproduction/80kHz
●	●	—	●	●	—	●	●	—	●	●	●	Aluminum Die-Cast Frame for Higher Power Handling and Reduced Distortion
●	●	—	●	●	—	●	●	—	●	●	●	S.E.T.(Spider Exhaust Technology) Cooling
●	●	—	●	●	—	●	●	—	●	●	●	Grille & Mesh Included
●	●	—	●	●	—	●	●	—	●	●	●	Powerful Strontium Magnet for Dynamic Bass Response
—	—	—	●	●	—	●	●	—	●	●	●	GM Fit Basket Design/6"x8" FORD Adaptor Included
—	●	—	●	●	—	●	●	—	●	●	●	5"x7" FORD/CHRYSLER/TOYOTA Adaptor Included
89	88	90	●	●	—	●	●	—	●	●	●	Efficiency (dB/W/m)
25-80k	35-80k	2k-80k	●	●	—	●	●	—	●	●	●	Frequency Response (Hz)
71.5	58.5	—	●	●	—	●	●	—	●	●	●	Mounting Depth (mm)

SRP1620M			SRP1320M			SRP6920M			FEATURES & SPECIFICATIONS			
250	220	450	●	●	—	●	●	—	●	●	●	Maximum Music Power (Watts)
●	●	—	●	●	—	●	●	—	●	●	●	MultiFit Speaker System Design
6-1/2	5-1/4	6 x9	●	●	—	●	●	—	●	●	●	Glass-Fiber Cone Woofer with Rubber Surround (inch)
3/4	3/4	1	●	●	●	●	●	●	●	●	●	Pure Silk Dome Tweeter with Neodymium Magnet (inch)
●	●	—	●	●	—	●	●	—	●	●	●	2-Way Mounting Tweeter (Flush Mounting/Surface Mounting)
0,-3	0,-3	0,-3	●	●	●	●	●	●	●	●	●	High Grade -12dB/oct 2way Crossover Network with Level Attenuator (dB)
●	●	—	●	●	—	●	●	—	●	●	●	Extremely High Frequency Reproduction/50kHz
●	●	—	●	●	—	●	●	—	●	●	●	Aluminum Die-Cast Frame for Higher Power Handling and Reduced Distortion
●	●	—	●	●	—	●	●	—	●	●	●	S.E.T.(Spider Exhaust Technology) Cooling
●	●	—	●	●	—	●	●	—	●	●	●	Grille & Mesh Included
●	●	—	●	●	—	●	●	—	●	●	●	Powerful Strontium Magnet for Dynamic Bass Response
—	—	—	●	●	—	●	●	—	●	●	●	GM Fit Basket Design/ CHRYSLER Adaptor Included/6"x8" FORD Adaptor Included
90	89	92	●	●	—	●	●	—	●	●	●	Efficiency (dB/W/m)
25-50k	40-50k	25-50k	●	●	—	●	●	—	●	●	●	Frequency Response (Hz)
64	54	86.5	●	●	—	●	●	—	●	●	●	Mounting Depth (mm)



SERIES



SRQ1620S 250W MAX.
(16cm) 6-1/2" 2way Component System

- ✓ TM-MIPP Cone Woofer with Strontium Magnet
- ✓ 3/4" Pure Silk Dome Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 60 watts
Impedance: 4 ohms



SERIES



SRG6920R 350W MAX.
6"x9" Coaxial 2way

- ✓ MIPP Cone Woofer with Strontium Magnet
- ✓ Metallized PEI Cone Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 70 watts
Impedance: 4 ohms



SRQ1320S 200W MAX.
(13cm) 5-1/4" 2way Component

- ✓ TM-MIPP Cone Woofer with Strontium Magnet
- ✓ 3/4" Pure Silk Dome Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 45 watts
Impedance: 4 ohms



SRQ6931R 400W MAX.
6"x9" Multiaxial 3way

- ✓ TM-MIPP Cone Woofer with Strontium Magnet
- ✓ Pure Silk Dome Mid-Range & Pure Silk Dome Tweeter

CEA-2031 Speaker Rating
Maximum RMS Power: 80 watts
Impedance: 4 ohms



SRQ1630R 280W MAX.
(16cm) 6-1/2" Multiaxial 3way

- ✓ TM-MIPP Cone Woofer with Strontium Magnet
- ✓ Pure Silk Dome Mid-Range & Pure Silk Dome Tweeter

CEA-2031 Speaker Rating
Maximum RMS Power: 55 watts
Impedance: 4 ohms



SRQ1330R 200W MAX.
(13cm) 5" Multiaxial 3way

- ✓ TM-MIPP Cone Woofer with Strontium Magnet
- ✓ Pure Silk Dome Mid-Range & Pure Silk Dome Tweeter

CEA-2031 Speaker Rating
Maximum RMS Power: 45 watts
Impedance: 4 ohms



SRQ1020R 140W MAX.
(10cm) 4" Co-axial 2way

- ✓ TM-MIPP Cone Woofer with Strontium Magnet
- ✓ Pure Silk Dome Mid-Range & Pure Silk Dome Tweeter

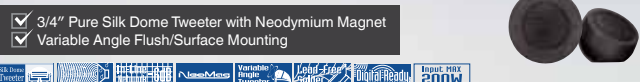
CEA-2031 Speaker Rating
Maximum RMS Power: 35 watts
Impedance: 4 ohms



SRQ210H 200W MAX.
3/4" Dome Tweeter

- ✓ 3/4" Pure Silk Dome Tweeter with Neodymium Magnet
- ✓ Variable Angle Flush/Surface Mounting

CEA-2031 Speaker Rating
Maximum RMS Power: 45 watts
Impedance: 4 ohms



SRG1620R 180W MAX.
(16cm) 6-1/2" Coaxial 2way

- ✓ MIPP Cone Woofer with Strontium Magnet
- ✓ Metallized PEI Balanced-Drive Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 35 watts
Impedance: 4 ohms



SRG1320R 150W MAX.
(13cm) 5-1/4" Coaxial 2way

- ✓ MIPP Cone Woofer with Strontium Magnet
- ✓ Metallized PEI Balanced-Drive Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 30 watts
Impedance: 4 ohms



SRG1020R 140W MAX.
(10cm) 4" Coaxial 2way

- ✓ MIPP Cone Woofer with Strontium Magnet
- ✓ Metallized PEI Balanced-Drive Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 30 watts
Impedance: 4 ohms



SRG5720C 200W MAX.
5"x7" Custom Fit Coaxial 2way

- ✓ MIPP Cone Woofer with Strontium Magnet
- ✓ Metallized PEI Balanced-Drive Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 45 watts
Impedance: 4 ohms



SRG4620C 140W MAX.
4"x6" Custom Fit Coaxial 2way

- ✓ MIPP Cone Woofer with Strontium Magnet
- ✓ Metallized PEI Balanced-Drive Tweeter with Neodymium Magnet

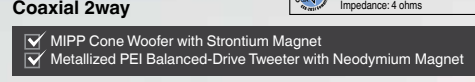
CEA-2031 Speaker Rating
Maximum RMS Power: 30 watts
Impedance: 4 ohms



SRG920C 60W MAX.
(9cm) 3-1/2" Custom Fit Coaxial 2way

- ✓ MIPP Cone Woofer with Strontium Magnet
- ✓ Metallized PEI Balanced-Drive Tweeter with Neodymium Magnet

CEA-2031 Speaker Rating
Maximum RMS Power: 20 watts
Impedance: 4 ohms



SPEAKERS

SRQ1620S	SRQ1320S	SRQ6931R	SRQ1630R	SRQ1330R	SRQ1020R	SRQ210H	FEATURES & SPECIFICATIONS
250	200	400	280	200	140	200	Maximum Music Power (Watts)
6-1/2"	5-1/4"	6 x 9"	6-1/2"	5-1/4"	4"	—	TM-MIPP Cone Woofer with Rubber Surround (Inch)
3/4"	3/4"	—	—	—	—	3/4"	Pure Silk Dome Tweeter with Neodymium Magnet (Inch)
—	—	1	3/4"	3/4"	3/4"	—	Pure Silk Dome Mid-Range with Neodymium Magnet(Inch)
—	—	5/16"	5/16"	5/16"	5/16"	—	Dome Tweeter (Inch)
●	●	—	—	—	—	●	2-Way Mounting Tweeter (Variable Angle Flush Mounting/Surface Mounting)
—	●	—	—	—	—	—	Custom-Fit Tweeter Bracket Included (For Renault, Peugeot, Citroen)
●	●	●	●	●	●	—	Grille & Mesh Included
●	●	●	●	●	●	—	Powerful Strontium Magnet for Dynamic Bass Response
●	●	—	—	—	—	●	In-Line -6dB/oct Crossover Network
—	—	—	—	—	—	—	GM Fit Basket Design/ CHRYSLER Adaptor Included
—	—	—	—	—	—	—	Designed for Direct OEM Replacement
91	91	93	91	92	90	90	Efficiency (dB/W/m)
30-35k	40-35k	28-35k	30-35k	40-35k	40-32k	2.5k-35k	Frequency Response (Hz)
57.5	46	79	55.5	46	42.5	—	Mounting Depth (mm)

SRG6920R	SRG1620R	SRG1320R	SRG1020R	SRG5720C	SRG4620C	SRG920C	FEATURES & SPECIFICATIONS
350	180	150	140	200	140	60	Maximum Music Power (Watts)
6 x 9"	6-1/2"	5-1/4"	4"	5 x 7"	4 x 6"	3-1/2"	MIPP Cone Woofer (Inch)
2-5/8"	—	—	—	—	—	—	Metallized PEI Cone Tweeter(Inch)
—	1	1	1	1	1	1	Metallized PEI Balanced-Drive Tweeter with Neodymium Magnet(Inch)
●	●	●	●	●	●	●	Powerful Strontium Magnet for Dynamic Bass Response
—	●	—	—	—	—	—	GM Fit Basket Design/ CHRYSLER Adaptor Included
—	—	—	—	●	●	●	Designed for Direct OEM Replacement
92	91	91	90	91	91	89	Efficiency (dB/W/m)
28-32k	30-30k	40-30k	45-30k	35-30k	45-30k	60-30k	Frequency Response (Hz)
74	46.5	46	42.5	52	45.5	32.5	Mounting Depth (mm)

MODEL		CMV1						CZ509A,CZ309A, CX909A, CMD6, M309						CZ209A				CZ109A, M109				FZ709A, FZ409A															
MEDIA FILES		DVD		MP3		AAC		WMA		MP3		AAC		CD		MP3		AAC		WMA		MP3		AAC		CD		MP3		AAC		WMA		MP3		AAC	
FILE SYSTEM	ISO9660	LEVEL1	●												●																						
		LEVEL2	●													●																					
		LEVEL3	x													x																					
	ISO9660 EXTENSION	JOLIET	●													●																					
		FILE NAME	64-bytes													32bytes																					
	OTHERS	ROMEO	●													●																					
		FILE NAME	64-bytes													32bytes																					
	FAT	APPLE ISO	-													-																					
		FAT12	-								●					-																					
		FAT16	-								●					-																					
FAT32		-								●					-																						
FILE DESCRIPTOR	.mp3		●													●																					
	.Mp3/ .Mp3/ .MP3																●																				
	.wma	●																																			
	.WMA																																				
MPEG FORMAT	.m4a			●																																	
	MPEG1/2 Audio Layer3		●													●																					
	MPEG2 Audio Layer3 (LSF)		●													●																					
SAMPLING FREQUENCY	MPEG1/2 Audio Layer3		48, 44.1, 32(KHz)							48, 44.1, 32(KHz)					48, 44.1, 32(KHz)																						
	MPEG2 Audio Layer3 (LSF)		24, 22.05, 16(KHz)							24, 22.05, 16(KHz)					24, 22.05, 16(KHz)																						
	MPEG2.5		12, 11.025, 8(KHz)							12, 11.025, 8(KHz)					12, 11.025, 8(KHz)																						
	WMA		Fs=22.05, 32, 44.1, 48(KHz) (WMA V2/V7/V8) Fs=44.1KHz (WMA V9L1)						Fs=22.05, 32, 44.1, 48(KHz) (WMA V2/V7/V8) Fs=44.1KHz (WMA V9L1)						Fs=22.05, 32, 44.1, 48(KHz) (WMA V2/V7/V8) Fs=44.1KHz (WMA V9L1)																						
	AAC																																				
	MPEG1/2 Audio Layer3		32-320Kbps							32-320Kbps						32-320Kbps																					
	MPEG2 Audio Layer3 (LSF)		8-160Kbps							8-160Kbps						8-160Kbps																					
	MPEG2.5		8-160Kbps							8-160Kbps						8-160Kbps																					
	WMA		32, 36, 40, 44, 48, 54, 128, 160, 192Kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160Kbps (WMA V9L1)						32, 36, 40, 44, 48, 54, 128, 160, 192Kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160Kbps (WMA V9L1)						32, 36, 40, 44, 48, 54, 128, 160, 192Kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160Kbps (WMA V9L1)																						
	AAC		8-320 kbps (stream generated with iTunes Ver. 4.7.1.30 (M4A))						8-320 kbps (stream generated with iTunes Ver. 4.7.1.30 (M4A))						8-320 kbps (stream generated with iTunes Ver. 4.7.1.30 (M4A))																						
OTHERS	DIRECTORY DEPTH		MAX 8							MAX 8					MAX 8																						
	FILE NAME NUMBER		64-bytes							64-bytes					64-bytes																						
	TOTAL FILE NUMBER		510							130560					510																						
	TOTAL FOLDER NUMBER		255							512					255																						
	FILE NUMBER VIA FOLDER		255							255					255																						
	ID3 TAG	ver-1.x		●							●																										
		ver-2.x		●							●																										
		TITLE		●							●																										
		ARTIST		●							●																										
	WMA TAG	ALBUM		●							●																										
TITLE			●							●																											
ARTIST			●							●																											
VBR	ALBUM		●							●																											
	TITLE		●							●																											
CODEC		Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not support							Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not support																												
			Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not support						Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not support																												
			Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not support						Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not support																												
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WARNING: Driver is prohibited by law from viewing a video signal on any in-dash monitor while the vehicle is in motion.



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