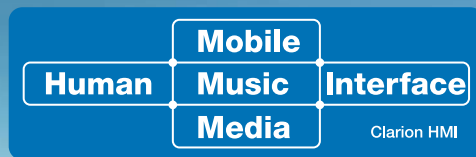


clarion



clarion



Imagination Becomes Realization

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

At Clarion, we specialize in visualizing the most innovative,
human-friendly concepts for in-vehicle entertainment, and
turn them into tangible solutions that will seamlessly transform your driving expe-
rience. 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.

See Your Entertainment Grow, Seamlessly.

The Clarion H.M.I. concept is the driving force behind our relentless pursuit of the ultimate human-machine interface. The goal is to bring music and information to people in mobile environments for seamless enjoyment of high-quality entertainment. With Clarion, your car is transformed into the ultimate personal theater or a front-row concert seat with broad compatibility that tears down the barriers to the outside world.



Exciting Operation

Clarion H.M.I. makes operation more exciting and interactive. Touch panel keys provide an intuitive way of accessing a multitude of functions, with state-of-the-art looks while minimizing the surface area necessary for buttons. Count on two-way operation of your connected iPod – controllable using the source unit's or iPod's control wheel. Touch it, and let the excitement begin.



Advanced Technology

Cutting-edge audio technologies like BBE® MP to improve compressed digital audio sound and Beat EQ's 3-band parametric equalizer are present throughout most of the lineup. Support of DivX® and WMDRM10 files broaden the scope of your entertainment. Add advanced graphics technologies for stress-free viewing. Technology, geared to your satisfaction.

Comprehensive Connectivity

iPod connectivity with full control including ABC Search, complete with iPod Audio and Video support. Bluetooth® for safe hands-free calling and audio streaming. USB and AUX connections to access music on portable devices. Together these create an in-car environment where you're assured of seamless enjoyment of the music you love.



Clarion



GUARANTA

MP3 / WMA / AAC / USB Features

MODEL		CMV1						CZ509, CZ309, CX609, CMDE, M309						CZ209						CZ109, M109						FZ709, FZ409					
MEDIA		DVD		USB		CD		USB		CD		USB		CD		USB		CD		USB		CD		USB		CD		USB			
FILES		WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	AAC			
FILE SYSTEM	ISO9660	LEVEL1	●					●						●						●											
		LEVEL2	●						●						●						●										
		LEVEL3	×						×						×						×										
	ISO9660 EXTENSION	JOLIET																													
		FILE NAME	64-bytes						64-bytes						32bytes						32bytes										
	OTHERS	ROMEO	●						●					●						●											
		FILE NAME	64-bytes						64-bytes						32bytes						32bytes										
	FAT	APPLE ISO	-						-					-						-											
		FAT12	-						-					-						-											
		FAT16	-						-					-						-											
FAT32		-						-					-						-												
FILE DESCRIPTOR	.mp3																														
	.Mp3 / .Mp3 / .MP3																														
	.wma	●						●					●						●												
	.WMA																														
	.m4a			●																											
MP3G FORMAT	MPEG1 / 2 Audio Layer3	●						●					●						●												
	MPEG2 Audio Layer3 (LSF)	●						●					●						●												
	MPEG2.5	●						●					●						●												
	MPEG2.5	●						●					●						●												
SAMPLING FREQUENCY	MPEG1 / 2 Audio Layer3	48, 44.1, 32(kHz)			48, 44.1, 32(kHz)			48, 44.1, 32(kHz)				48, 44.1, 32(kHz)				32kHz, 44.1kHz, 48kHz			32kHz, 44.1kHz, 48kHz				32kHz, 44.1kHz, 48kHz				48, 44.1, 32(kHz)				
	MPEG2 Audio Layer3 (LSF)	24, 22.05, 16(kHz)			24, 22.05, 16(kHz)			24, 22.05, 16(kHz)				24, 22.05, 16(kHz)				16kHz, 22.05kHz, 24kHz			16kHz, 22.05kHz, 24kHz				16kHz, 22.05kHz, 24kHz				24, 22.05, 16(kHz)				
	MPEG2.5	12, 11.025, 8(kHz)			12, 11.025, 8(kHz)			12, 11.025, 8(kHz)				12, 11.025, 8(kHz)				8kHz, 11.025kHz, 12kHz			8kHz, 11.025kHz, 12kHz				8kHz, 11.025kHz, 12kHz				12, 11.025, 8(kHz)				
	WMA	Fe-22.05, 32, 44.1, 48kHz (WMA V2/V7/V8) Fe-44.1kHz (WMA V9L1)			Fe-22.05, 32, 44.1, 48kHz (WMA V2/V7/V8) Fe-44.1kHz (WMA V9L1)			Fe-22.05, 32, 44.1, 48kHz (WMA V2/V7/V8) Fe-44.1kHz (WMA V9L1)				Fe-22.05, 32, 44.1, 48kHz (WMA V2/V7/V8) Fe-44.1kHz (WMA V9L1)				22.05kHz, 32kHz, 44.1kHz, 48kHz			22.05kHz, 32kHz, 44.1kHz, 48kHz				22.05kHz, 32kHz, 44.1kHz, 48kHz				Fe-22.05, 32, 44.1, 48kHz (WMA V2/V7/V8) Fe-44.1kHz (WMA V9L1)				
	AAC	48, 44.1, 32.24, 22.05, 16, 12, 11.025, 8(kHz)			48, 44.1, 32.24, 22.05, 16, 12, 11.025, 8(kHz)			48, 44.1, 32.24, 22.05, 16, 12, 11.025, 8(kHz)				48, 44.1, 32.24, 22.05, 16, 12, 11.025, 8(kHz)				22.05kHz, 32kHz, 44.1kHz, 48kHz			22.05kHz, 32kHz, 44.1kHz, 48kHz				22.05kHz, 32kHz, 44.1kHz, 48kHz				48, 44.1, 32.24, 22.05, 16, 12, 11.025, 8(kHz)				
	MPEG1 / 2 Audio Layer3	32-320kbps			32-320kbps			32-320kbps				32-320kbps				32-320kbps			32-320kbps					32-320kbps				32-320kbps			
	MPEG2 Audio Layer3 (LSF)	8-160kbps			8-160kbps			8-160kbps				8-160kbps				8-160kbps			8-160kbps					8-160kbps				8-160kbps			
	MPEG2.5	8-160kbps			8-160kbps			8-160kbps				8-160kbps				8-160kbps			8-160kbps					8-160kbps				8-160kbps			
	WMA	32, 36, 40, 44, 48, 64, 128, 160, 192kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160kbps (WMA V9L1)			32, 36, 40, 44, 48, 64, 128, 160, 192kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160kbps (WMA V9L1)			32, 36, 40, 44, 48, 64, 128, 160, 192kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160kbps (WMA V9L1)					32, 36, 40, 44, 48, 64, 128, 160, 192kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160kbps (WMA V9L1)				16, 20, 32, 36, 40, 44, 48, 64, 80, 96, 128, 160, 192			16, 20, 32, 36, 40, 44, 48, 64, 80, 96, 128, 160, 192				16, 20, 32, 36, 40, 44, 48, 64, 80, 96, 128, 160, 192			32, 36, 40, 44, 48, 64, 128, 160, 192kbps (WMA V2/V7/V8) 64, 80, 96, 128, 160kbps (WMA V9L1)				
	AAC	8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))			8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))			8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))				8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))				8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))			8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))				8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))				8-320kbps (stream generated with iTunes Ver 4.7.1.30 (M4A))				
BITRATE	DIRECTORY DEPTH	MAX 8		MAX 8		MAX 8		MAX 8		MAX 255		MAX 8		MAX 255		MAX 8		MAX 255		MAX 8		MAX 8		MAX 8		MAX 8		MAX 8			
	FILE NAME NUMBER	64-bytes		64-bytes		64-bytes		64-bytes		32bytes		64bytes		64bytes		32bytes		64bytes		64bytes		64bytes		64bytes		64bytes		64bytes			
	TOTAL FILE NUMBER	510		130560		510		130560		999		65535		999		130560		999		65535		999		130560		999		130560			
	TOTAL FOLDER NUMBER	255		512		255		512		255		999		255		999		255		999		255		999		255		999			
	FILE NUMBER VIA FOLDER	255		255		255		255		999		999		999		255		999		999		255		999		255		999			
	ID3 TAG	ver-1.x	●			●			●				●			●			●				●				●				
		ver-2.x	●			●			●				●			●			●				●				●				
		TITLE	●			●			●				●			●			●				●				●				
		ARTIST	●			●			●				●			●			●				●				●				
		ALBUM	●			●			●				●			●			●				●				●				
WMA TAG		TITLE	●			●			●				●			●			●				●				●				
	ARTIST	●			●			●				●			●			●				●				●					
	ALBUM	●			●			●				●			●			●				●				●					
VBR	●			●			●				●			●			●				●				●						
CODEC	Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice				Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice			Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice				Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice			Support for WMA7.89, 9.1.9.2 / Lossless voice			Support for WMA7.89, 9.1.9.2 / Lossless voice				Support for WMA7.89, 9.1.9.2 / Lossless voice				Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice					
	Not support				Not support			Not support				Not support			Not support			Not support				Not support				Not support					

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. • dts is a trademark of Digital Theater System, Inc. • Microsoft Windows and Windows CE Logo are either registered trademarks of Microsoft Corporation in the United States and/or other countries. • iPod and iTunes are trademarks of Apple Computer, Inc. registered in the U.S. and other countries. • The trademark and the Bluetooth® logo* are owned by the Bluetooth® SIG, Inc. and any utilization of these trademarks by Clarion is carried out under license. The other trademarks and commercial names are the property of their respective owners. • DivX®, DivX® Certified, and associated logos are trademarks of DivX Inc. and are used under license. • Manufactured under license from BBE Sound, Inc. • Licensed by BBE Sound, Inc. under one or more of the following US patents: 5,510,752, 5,736,897. BBE and BBE symbol are registered trademarks of BBE Sound, Inc. • All other trademarks are the property of their respective owners. • 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 is not possible to resume iPod Video playback. Whenever ACC is turned OFF/ON, playback will commence from the beginning of the file. • iPod nano 1G and iPod 5G simple control mode is not supported. (CD type head units) • To use iPod nano 1G and iPod 5G simple control mode, it is necessary to first connect using optional USB cable, then set Analog/Digital switch to Analog. (DVD type head units/FZ709/FZ409) • There's no guarantee that all units in this catalogue play CCDD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD-R/RW. • Clarion Corporation of America is a member of the Consumer Electronics Association, Mobile Enhancement Retailers Association and the Consumer Electronics Manufacturers Association. • USB digital media streaming models: This product is protected by certain intellectual property rights of Microsoft. Use or distribution 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. • ©2008 SIRIUS XM Radio Inc. • SIRIUS®, "The Best Radio on Radio", the SIRIUS logos, channel names and logos and related marks are trademarks of SIRIUS XM Radio Inc. The "XM" name and related logo are trademarks of XM Satellite Radio Inc. All other trademarks, service marks, and logos are the property of their respective owners. All rights reserved. • Intel, the Intel logo, Intel Atom, and Intel Atom Inside are trademarks of Intel Corporation in the U.S. and other countries. • Google and YouTube are the trademarks of Google, Inc. • MySpace is the registered trademark of MySpace, Inc. • TWC, The Weather Channel, and weather.com, and each of their logos are trademarks of The Weather Channel, Inc. • RealPlayer is the registered trademark of RealNetworks, Inc. • SD Logo is a trademark.

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

WARRANTY All Clarion products are covered by a Limited One Year Parts and Labor Warranty. The following Clarion products have a Limited Two-Year Parts and Labor Warranty when purchased from and installed by an authorized Clarion Dealer: - Two-year warranty : CX609, CZ509, FZ709 , DPX2251, DPX1851, DPX11551. ClarionMiND accessories are warranted for 90 days when purchased from an authorized Clarion dealer. ClarionMiND batteries are warranted for 6 months when purchased from an authorized Clarion dealer.



CLARION CORPORATION OF AMERICA
 6200 Gateway Drive, Cypress, CA 90630, U.S.A.
 Tel 310.327.9100 Fax 310.327.1999 www.clarion.com

CLARION CANADA INC.
 2239 Winston Park Dr., Oakville, Ontario, L6H 5R1, Canada
 Tel 905.829.4600 Fax 905.829.4608 www.clarion.com

LATIN AMERICA DIVISION
 7205 Corporate Center Drive, Suite 303 Miami, FL 33126 U.S.A.
 Tel 305.406.0999 Fax 305.406.0964 infolac@clarion.com

