

clarion

moves you ■ connects you

Clarion Report 2013

Clarion Report 2013

● **Contents**

“Company Profile”, “CSR Report”, “Environmental Report” and “Financial Report”.

● **Editorial Policy**

Clarion Report 2013 is composed of four parts as above. Our editorial policy is to inform Clarion’s “corporate power” and our efforts in fulfilling corporate social responsibility (CSR) in a manner easy to understand.

● **Sites Covered by the Report**

Clarion and its domestic and overseas consolidated affiliated companies

● **Report Period**

Fiscal 2012 results (from April 1, 2012 to March 31, 2013), with part of Fiscal 2013 included

● **Next Publication**

Year 2014

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This report is available on the internet. <http://www.clarion.com/jp/en/company/effort/index.html>



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Clarion Co., Ltd.

Pursuing Progress for People, Society and the Environment in Times of Change.

The market environment for Clarion's business, as well as the origins of the added value our products offer, are changing on a global scale. We believe this is because the market itself is undergoing a structural change. And we also feel it necessary for the Clarion group to regard this change as an enormous opportunity.

Currently we are in the process of revamping our structure to enable simultaneous "strengthening our business base" and "laying the foundation for growth". Activities are being implemented in order to cultivate new product domains and to become a truly global company with eyes set on upcoming high-growth markets.

Fully understanding the characteristics of each market, we shall also endeavor to develop new technologies in order to offer more innovative products and services. Our primary strength is in being able to offer the resulting products and services to customers in a timely fashion.

We shall always remain true to the spirit of "We are Clarion", all of us always united in our march forward, meeting our responsibilities to society as part of the Hitachi Group, in order to grow as a company that is truly needed by society.



Tatsuhiko IZUMI
President
Clarion Co., Ltd.



Generating Synergy by Harnessing the Comprehensive Strengths of Hitachi Group

As a member of the Hitachi group, Clarion generates synergy in a variety of situations. We cooperate closely with Hitachi's Information & Telecommunication Systems Company, and pool together their abundant experience and technological know-how in IT platforms, to provide the Cloud Service for Vehicle "Smart Access".

We are also working closely with Hitachi Automotive Systems, Ltd., who holds a large market share in drive control systems. We are exploring new values by combination of vehicle information and Clarion's in-car device so that our customers can be provided with a safer and more secure driving experience.

Hitachi, Ltd. owns and operates top-notch R&D facilities. By incorporating Hitachi's high quality study results into Clarion's products, including image-recognition technology to be used in Vision System products (camera compatible products), we at Clarion will be better able to introduce winning products into a fiercely competitive market.

Expansion From In-Vehicle Equipment Manufacturer To In-Vehicle Information System Provider

The market environment surrounding Clarion is in upheaval. Clarion will face this rapidly changing market while promptly adapting and evolving its business model. As such, our domain is being shifted from the previous car navigation and audio as an in-vehicle equipment manufacturer, to new business domains of "Automotive Cloud Information Network Service" including software and service, as well as "Vision System" business in the realm of safety and security.

Realizing value-added products and services that "connect" by letting people access the various information and service they need, in their daily lives, any time they want, in an optimized format, so they can feel more fully a sense of safety, security and comfort.

Managing the information required for vehicles, people and the environment, in a cohesive manner, to provide each of our customers with maximum value through safety and comfort. These are the things that Clarion will provide by simultaneously developing a comprehensive information management system and optimized user interface, and linking them together to provide uniquely attractive customer value. Moreover, Clarion will pursue the limitless potential of future innovation, such as contributing to social infrastructure through energy management aimed at lessening the burden on the environment.

Activities of a Truly Global Corporation

Clarion divides its global operations into five regions, namely Japan, the Americas (North/Central/South America), Europe, China, and ASEAN/India. Each region maintains its own control function regarding the region, including the functions of marketing, development, production, and sales. We will continue to provide each and every region with the ideal products and services, by organically combining various functions based on geographical region, customers, and products. Instead of controlling everything from the headquarters in Japan, all regions will have the rights and responsibilities that come with autonomy, and by swiftly coordinating with other regions, a highly global management organization is realized.

Contributing to the Creation of a Sustainable Society

Global warming is one of the most critical environmental issues facing our planet, and its effects appear in ways that cross national boundaries, at an increasingly alarming pace. As the earth experiences abrupt environmental changes, the importance of environmental measures as a corporate responsibility also rises, as we attempt to realize a sustainable, recycle-based society.

At Clarion, we have positioned these environmental issues as business challenges, and are implementing the Clarion Environmental Management Plan on a global scale including our overseas business activities. In keeping with our aspirations to be a "company that is truly needed by society", global environmental considerations and activities such as these will be mission-critical to our enterprise.

To Our Stakeholders

To our customers, I wish to state that as society and technology continue to evolve, we will go on finding out user needs as quickly as possible, to provide unique products and services that incorporate the latest innovations. We will not rest as we continue to create products and services that offer true satisfaction, comfort and joy to our customers.

To our shareholders, I wish to report our intention to transform into a more robust corporate structure. We will continue to face lofty challenges to meet our new objectives.

To our suppliers and business partners, I would like to state that the entire Clarion Group is establishing "Automotive Cloud Information Network Service" as a new keystone for our business in addition to in-vehicle information equipment. As changes in the market environment, globalization, and technological advances all contribute to the accelerated pace of change in the world we live in, we will move as swiftly as possible to accommodate new challenges through an optimized corporate structure. Clarion promises to always be a clear thinker that is quick to action.

To our employees, let me say that the only way for Clarion to thrive is by sharing the values of each and every one of you and working diligently together. To help make this possible, we will be endeavoring to create a corporate environment where you can feel "I'm so glad to be a part of Clarion".

clarion
moves you ■ connects you

(Brand Promise logo)
Expresses the value that the Clarion brand can provide, namely that "By keeping you connected to sound, information, convenience and safety...Clarion moves you".

Corporate
Philosophy

Corporate Commitment

Clarion strives to improve society by seeking to develop the relationship between sound, information, and human interaction, and by creating products to meet those needs.

Management Commitment

- Providing customer satisfaction and happiness with superior products and services.
- Creating new value with original ideas and technology.
- Respecting the individuality and ability of each employee, and establishing a corporate culture of generosity.
- Maintaining a strong awareness of our place in nature and a commitment to the environment.
- Fulfilling our responsibility, as a corporate citizen, for better society.
- Pursuing corporate profitability and sustained growth.

Action Commitment

- "AMBITION" -We seek to continually improve ourselves through self innovation and courage.
- "CREATIVITY" -We foster creativity and work to produce new value and to turn dreams into reality.
- "SINCERITY" -We work diligently in good faith to prove ourselves worthy of people's trust.

Corporate
Vision

The link between sound and information communication in the mobile environment of the car will evolve into new domains based on our unique ideas and advanced technologies. Through this, we will provide safety, security, comfort and excitement to our customers all over the world. We at Clarion shall remain at the forefront of the industry, to precisely understand market needs and achieve long term growth.

Company Profile

Clarion strives to improve society by seeking to develop the relationship between sound, information, and human interaction, and by creating products to meet those needs.

(Corporate Philosophy "Corporate Commitment")



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Clarion Overview

Corporate Outline (As of March 31, 2013)

Company Name	Clarion Co., Ltd.
Registered Head Office	7-2 Shintoshin, Chuo-ku, Saitama-shi, Saitama330-0081, Japan
Technology Center	TEL: (81) 48-601-3700
Headquarters	11-2 Shintoshin, Chuo-ku, Saitama-shi, Saitama 330-6030, Japan TEL: (81) 48-601-3700
Established	December 18, 1940
Paid-in Capital	¥ 26,100 million
Shares Issued	282,744 thousand shares
Net Sales	Consolidated: ¥ 177,288 million (term ended March 2013) Non-consolidated: ¥ 131,725 million (term ended March 2013)
Employees	Consolidated: 9,978 persons Non-consolidated: 1,564 persons (excl. personnel on temporary assignments)
Main Products	Cloud Service for Vehicle, Car Navigation System, Car Audio, Vehicle Camera System, Visual Equipment, Bus Equipment, Communication Equipment

Directors and Auditors (As of June 21, 2013)

Yasuhiko HONDA	Director, Chairman
Tatsuhiko IZUMI	Representative Director, President
Toru KANEKO	Executive Director
Hidetoshi KAWAMOTO	Executive Director
Satoshi KAWAMOTO	Director
Tadashi WADA	Director
Kunihiko SHINBO	Director
Hideo OMACHI	Director
Atsushi KAWABATA	Director
Seishi KASAI	Full-time Audit & Supervisory Board Member
Kazumichi FUJIMURA	Audit & Supervisory Board Member
Yasuhiro SASAI	Audit & Supervisory Board Member
Kazuo KURIHARA	Audit & Supervisory Board Member

* Directors, Yasuhiko HONDA and Atsushi KAWABATA are outside directors.
* Auditors, Yasuhiro SASAI and Kazuo KURIHARA are outside auditors.

Corporate Advisor (As of June 21, 2013)

Tetsuro YOSHIMINE
Nobuyuki OYACHI
Yoshihisa MATSUOKA
Kouichi MURAKAMI
Hideyuki TAMURA
Takehiro TANAKA
Atsuo HORI
Kouji HOSOKAWA
Takashi YAMADA
Paul Lachner
Joaquin Loose

Main Banks and Financial Institutions

Resona Bank, Ltd.
Mizuho Bank, Ltd.
Sumitomo Mitsui Banking Corporation
The Bank of Tokyo-Mitsubishi UFJ, Ltd.

Membership Organizations

Japan Auto-Body Industries Association Inc.

Financial Highlights

Clarion Co., Ltd. and its Consolidated Subsidiaries
Years ended March 31

	Millions of Yen		Thousands of U.S. Dollars
	2012	2013	2013
For the Year:			
Net sales	¥186,711	¥177,288	\$1,885,048
Operating income	7,873	3,210	34,141
Net income	7,532	1,358	14,445
At Year-end:			
Total assets	122,821	117,398	1,248,258
Total net assets	16,579	22,002	233,948
Interest-bearing debt	41,927	41,921	445,733

	Yen		U.S. Dollars
	2012	2013	2013
Per Share:			
Net income	¥26.71	¥4.82	\$0.05
Cash dividends	—	—	—

Note: U.S. dollar amounts have been translated from yen, for convenience only, at the rate of US\$1 = ¥94.05, the approximate exchange rate on March 31, 2012.

Clarion's Unique Global Network: Worldwide Coverage, Localized Emphasis.

As rapid advances are made in the telecommunications infrastructure such as cloud computing, we at Clarion are implementing a unique global strategy to change our company expansion from in-vehicle equipment manufacture to in-vehicle information solution provider. While each region maintains overall administrative functions, our advanced supply chain, by effectively linking to region, customers and products, allows us to cover worldwide markets and deliver optimal products and services to our worldwide clientele in a timely manner. Through proactive organizational restructuring and continued innovations, we will spread the Clarion brand not only on a global scale, but also ensure that it gains a foothold in each local market.



Clarion Head Office & Technology Center (CT)

Head Office (CT - CSM)

European Region

- Clarion Europe S.A.S. (CEF)
- Clarion Europa GmbH (CED)
- Clarion (G.B.) Ltd. (CGB)
- Clarion Hungary Electronics Kft. (CHE)

CEF (Nancy Office)



CHE



DCOE (Shanghai Office)



CGB



CED



CXEE (R&D Office)



CXEE (Manufacturing Plant)



American Region

- Clarion Corporation of America (CCA)
- Clarion Canada Inc. (CCI)
- Electronica Clarion, S.A. de C.V. (ELECLA)
- Clarion do Brasil Ltda. (CBL)
- Ultra Industrial S.A. de C.V. (ULTRA)

CCA (Michigan Office)



CCI



CCA (Silicon Valley Research Center)



CCA (Kentucky Office)



Japan

- Clarion Co., Ltd. (CT)
- Clarion Sales and Marketing Co., Ltd. (CSM)
- Clarion Manufacturing and Service Co., Ltd. (CMS)

Asia/Oceania Region

- Clarion (H.K.) Industries Co., Ltd. (CHI)
- Dongguan Clarion Orient Electronics Co., Ltd. (DCOE)
- Xiamen Clarion Electrical Enterprise Co., Ltd. (CXEE)
- Clarion India Private Limited (CIL)
- Clarion (Malaysia) Sdn. Bhd. (CM)
- Crystal Precision (Malaysia) Sdn. Bhd. (CPM)
- Clarion Asia (Thailand) Co., Ltd. (CAT)
- Clarion (Taiwan) Manufacturing Co., Ltd. (CTC)
- Clarion Australia Pty. Ltd. (CAP)

CCA (Ohio Office)



CCA (Cypress Office)



ELECLA (San Juan Del Rio Office)



CBL

- Sales Companies
- Manufacturing Companies
- Development Companies
- Clarion Head Office Facilities
- Affiliated Companies
- Distributors / Importers

DCOE (Beijin Office)

DCOE (Changchun Office)

CTC

CT (Hamamatsu Sales Office)

CT (Nagoya Sales Office)

CT (Osaka Sales Office)

CT (Hiroshima Sales Office)

CHI (HongKong Office)

CM/CPM



CIL



CAT



DCOE (Dongguan Office)



CAP

Next Generation Products Leading the Future Automotive Field.

Recent breathtaking advances in information technology and the incredible spread of smartphones have strongly affected the automotive industry. Users are now able to “connect to the outside world” and access a large volume and wide range of information and services while remaining in the confines of the car. In such a market environment, Clarion has selected “Expansion from in-vehicle information equipment manufacturer to In-Vehicle Information Solution Provider” as the medium-term slogan,

aiming to be a company that delivers new values to our customers as only we can, by collectively managing Internet information, camera image information, sensor information, and vehicle control information. As part of the corporate change into an “In-Vehicle Information Solution Provider”, Clarion is implementing “moves you · connects you” on a global basis. This represents the strong wish that “By keeping you connected to sound, information, convenience, and safety, Clarion moves you”.

IVI (In-Vehicle Infotainment) System / Cloud Service for Vehicle



In June 2012, Clarion launched “Smart Access”, a new cloud service for vehicle, based on the idea of “smartphone connectivity” which enables the massive number of smartphone applications to be used in in-car environments. Our latest AV Navigation System supports “Smart Access”. Apps for Internet radio reception, for news, and for SNS, are all available optimized for in-car use. Clarion will be providing new value to users all over the world by expanding “Smart Access” service on a global scale, and continuously releasing in-vehicle terminals that support it.

In-Vehicle Audio Systems



Over the years, Clarion has persistently polished its audio and acoustic technologies, and sought to create the ideal sound environment within the car. In addition to seamless connectivity with portable audio players and smartphones, our unique audio technologies are also a major advantage of Clarion audio systems as they allow creation of an ideal sound field in the car interior, an environment that suffers from much unwanted reflection and absorption of sound. Furthermore, the “Full-Digital Speaker” which balances eco-friendliness with premium sound was a world’s first development for the automotive field, and was launched in the Japanese market starting December 2012. Through this technology, we will be promoting the commercialization of car audio systems that are ideal for next-generation eco cars.

Safe Driving Support System (Vision System)



Recent years have seen a rise in demand for car cameras that provide drivers with a sense of safety and security. In addition to conventional rear-vision cameras, Clarion is developing and marketing the Overhead View Monitor that provides a 360-degree view around the vehicle, as well as sensing systems to alert the driver of approaching pedestrians and cars, and various other applications. Clarion will continue to actively develop cutting-edge technologies and support safe driving by promoting the Vision System.

In-Vehicle Systems for Commercial Use



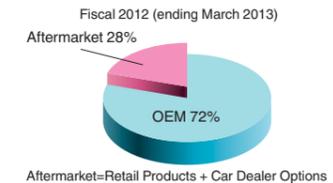
Clarion holds top market share for bus equipment. Our digital signage system uses an in-bus monitor to display not only bus stops along the route but also video and still image-based commercial messages, as well as news and weather information utilizing Hitachi’s digital signage solution “SignChannel”. We believe that in-bus signage offers higher promotional efficiency compared to conventional digital signage seen on the street, and will continue to formulate and introduce services with high user demand.

OEM Business with Excellent Achievements in the Global Market

With its superb technology and flexible production systems, Clarion is highly appreciated by the global market, and in OEM* market, in particular, it has built up secure and long lasting relationship of trust with major car manufacturers with deliveries of genuine parts programs. Our business in the OEM market started already in 1951, when we delivered our first genuine parts radios to Hino-Renault. Currently, we deliver various in-vehicle devices to customers all over the world. This segment can be stated as the back bone of our business. In the coming years, the advanced market will require more evolution in vehicle mounted devices as EVs (Electric Vehicles) and HVs (Hybrid Vehicles) become more popular. On the other hand, in the emerging markets, products matching to the diverse needs of each market are required. Clarion strives to expand its OEM business in a global scale with its long cherished vehicle adaptation technologies and ability to propose products to meet customer needs one step ahead of the times.

* OEM:Original Equipment Manufacturing/Manufacturer

Sales by market segments



Main OEM Customers



Support to EVs with Car Navigation Systems and Telematics Units

“Leaf”, EVs (Electric Vehicles) from Nissan released in 2010 in the US, Europe and Japan are equipped with Clarion’s car navigation systems. These first in the world navigation systems specifically developed and dedicated for EVs, feature multiple special functions in addition to those in conventional systems, to let drivers feel comfortable in driving an EV, such as estimated reachable distance calculated from the battery conditions, warning for expedited charging of the battery, easy search of charging stations, display of electricity consumption status and others. Clarion also delivers telematics units of own development to enable data communication with the data center and signal processing for the functions of remote control of air-conditioner and checking of battery status from outside the vehicle as well as transmission of probe information, by making use of telematics.*

* Telematics units are delivered only in Japan.



Superb Technology Creating a New Style of Automobile Society.

As a result of the worldwide evolution of the Internet and the widespread popularization of the smartphone, the car is increasingly becoming a venue into which people wish to bring new comforts and functionality through Internet connection on a sustained basis. Keenly aware of the future of the global marketplace, Clarion has created the "Smart Access" cloud service for

Full-scale Introduction of Smartphone Interoperable Functions making use of Smart Access

Clarion has started to introduce the function of smartphone app linkage to our center units as one of the Smart Access services. (Smart Access is the cloud network service for automobile by Clarion.)

There are 2 approaches (2 Steps) for smartphone linkage. The first step is to help users to use smartphone app easily and more comfortable. Our center unit has a big display compared with smartphone and good sound system. So, the users can enjoy smartphone app more with these merits, especially movie, music and so on. The 2nd step is that Clarion makes unique apps for automotive environment and provides them through smartphones, such as CRM or VRM service apps.

Clarion starts the 1st step in Japan, US and Euro markets in this year. We will adopt new smartphone apps more and more based on Android™ smartphone apps mainly. In addition, the 2nd step also will be launched in near future.

This smartphone linkage function is just beginning of Smart Access services.

Clarion will continuously introduce more new value to the market, such as big data, AI, interactive cloud voice recognition and so on.

vehicle, to offer people the added value of connectivity and thereby boost the attraction of in-car information systems. As a "In-Vehicle Information Solution Provider", we will roll-out an entirely new lineup as OEM and aftermarket products.

Proposing "Smart Cockpit" Comprehensive System as an In-Vehicle System Provider

By integrating with IT-related technologies, the role of the in-vehicle system becomes more crucial as a means for conveying vast amounts of information to the driver. Clarion thereby is advancing comprehensive system "Smart Cockpit" which integrates with the vehicle's control system in addition to car navigation and car audio systems.

"Smart Cockpit" unifies the capabilities of in-vehicle information devices, cameras and sensors, as well as Smart Access, which are all Clarion's business strengths. As a result, it generates a wide variety of customer value in situations where the car interior links with the outside world, and provides a unified system through which the driver can experience a sense of safety, security, and comfort.



Smart Access



We are Clarion



System Planning Dept.
Hiroyuki Tobiyama

I'm belong to System planning dept. Group 1 and the team task is Smart Access service planning. Now I'm taking care of Smartphone linkage function as one of Smart Access services. Automotive environment with Cloud network is totally new field and I should keep challenging attitude when I consider about this field.

Launch of World's First Full-Digital Speaker System "01DRIVE"



Clarion has developed and launched the world's first full-digital speakers, which balance eco-friendliness with premium sound.

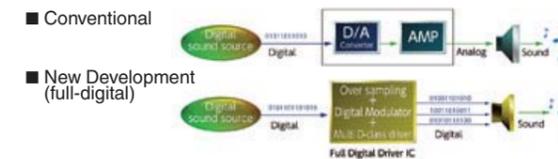
Our "01DRIVE" Series full-digital speaker system combines digital signal processing technology, "Dnote"™*1, and Clarion's long nurtured in-vehicle audio technologies. This enables to reproduce digital sound quality without deterioration in high quality by "Digital to Digital" full-digital transmission from digital audio source to speaker units. What's more, drastic saving in electric power is achieved with driving voltage of less than half, and power consumption about 1/8*2, compared to conventional speakers.

In December 2012, Clarion launched the full-digital speaker systems Z8/Z17F and Z1R for in-car use, and the portable full-digital speaker ZP1, making them the world's first full-digital speakers in their respective categories. This was followed by introduction of the home-use embedded type full-digital speaker ZF160 in April 2013.

In the future we intend to further develop exclusive ICs and speaker units to provide higher sound quality and higher output, thereby accelerating the creation of next-generation audio systems.

Dnote *1 Dnote: Registered trade mark of Trigence Semiconductor. This is a technology to reproduce voices by feeding modulated audio signals directly into multiple speaker units or voice coils.
*2 Power consumption about 1/8: comparison with our products

Comparison with Conventional Systems



In-vehicle Full-Digital Speaker System Z8/Z17F and Z17R



Portable Full-Digital Speaker ZP1



Embedded-type Full-Digital Speaker ZF160



Development of Original Sound Processing Technology "Intelligent Tune"



In order to achieve ideal sound quality in the acoustically harsh environment of the car interior, we have vigorously pursued the development of Clarion's original sound processing technology "Intelligent Tune". To date, our product offerings have included "Vocal Image Control", "Virtual Bass" and "Volume Smoother" functions based on this technology.

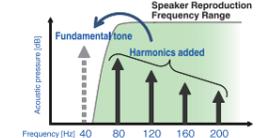
Currently, in addition to creating new acoustic functions, we are also developing new smartphone apps that work in conjunction with in-vehicle audio systems to enable users to easily customize the in-car soundscape according to their personal preference.

Vocal Image Control



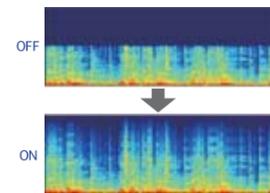
Controls the vocal image to move it right in front of the listener

Virtual Bass



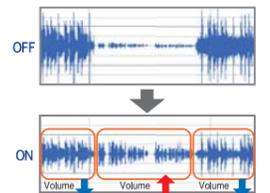
Adding harmonics for a feeling of stronger bass sound

Sound Restorer



Generated high-range supplementation signals improve sound of compressed audio

Volume Smoother



Automatic adjustment of volume differences in various sources alleviates troublesome volume adjustments by sources.

Smartphone Sound Processing apps (Under development)



Smartphone app allows easy adjustment of car audio's acoustic parameters and automatic sound space compensation

We are Clarion



Advanced Development Dept. 1
Haruki Tomita

I am a member of Clarion's Advanced Development Dept. 1. I intend to think beyond the scope of my usual work and be involved in all phases of Full-Digital Speaker development, from creating an exclusive IC to the product's final touches. Our team is undertaking every effort to make the Full-Digital Speaker, which has unprecedented potential for high quality sound, into products that will be loved by the world.

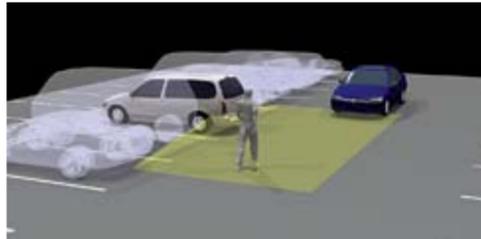
Superb Technology Creating a New Style of Automobile Society

Increasingly Advanced Camera Systems for Cars (Camera Application Products)

With the goal of achieving a safer and securer automotive society, we are striving to develop "Vision System" of applied image processing and image recognition technologies to assist in the parking and driving of cars. The system includes as core technologies "Overhead View Monitor" and sensor functions. While Overhead View Monitor displays information around the car, sensor technologies enable detecting of approaching pedestri-

ans and vehicles. We, moreover, put efforts in enhancement of camera products, which are the hearts of the "Vision System". We strive to improve reliability of "Vision System" by feeding it more accurate and profound information with technologies of ultra-wide angle lenses for expanded field of vision, logic development and application of sensor elements to provide more natural images in severe light environment such as at night and/or with strong backlights.

● Detection of vehicles/pedestrians using image recognition function of rear view cameras



Detection of approaching pedestrians with ultra-wide angle lenses

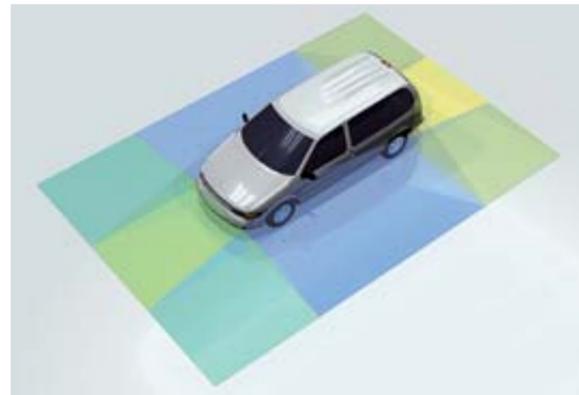
Our Overhead View Monitor uses a wide-angle lens, enabling display of a broader perspective than conventional rear cameras. Incorporated image recognition technology enables detection of obstacles approaching from right or left to effectively support driving when backing up.

● Lane detection using image recognition function of rear view cameras



The rear camera isn't limited to driving in reverse. Its image recognition technology detects traffic lanes, and warns the driver when the vehicle veers out of its lane.

● Overhead View Monitor



Display Example of Semi-transparent Side View (Left side door/Sidewalk/Pavement side door) is shown as semi-transparent image)



Display Example of Overhead View Monitor (images of Overhead View Monitor and front view camera)

Our latest Overhead View Monitor goes beyond augmenting the driver's field of view around the vehicle. Combined with image recognition technology, it is able to detect obstacles approaching from any direction and send a warning to the driver.

We are Clarion



Camera System Development Dept.
Takashi Taniguchi

I am in charge of Overhead View Monitor development at Camera System Development Dept. We try to ensure high quality in development through analyzing customer requirements from engineering and process perspectives and performing software development in orderly and efficient manners. We were requested to obtain AutomotiveSPICE Level 3* in the course of developing a product for an overseas OEM customer, and we had tough time as we had to perform product development and process improvement simultaneously. When we achieved this, I felt very confident about my growing up as a development engineer. I will always tackle the challenges with aspiration.

* AutomotiveSPICE:
A industry standard process model prescribing development processes framework of vehicle mounted software.

Innovative UI (User Interface) Revolutionizes In-Vehicle Equipment

Our abundant know-how in the in-vehicle equipment field, coupled with a fresh perspective that can see beyond conventional wisdom, allowed us to create a totally new connection between person and machine. Evolution of the next-generation in-vehicle information system continues to accelerate with this revolutionary new UI, worthy of becoming the gateway to a new world.

● Applications



"Smart Access" App:
In-car top menu

The iPhone® integration supported apps available through "Smart Access" are based on the safe and comfortable UI know-how (e.g. button size, character size, high contrast color scheme, intuitive hierarchy) we have gained through development of in-vehicle equipment.

● Development of application software of Smart Access for Android™



Calendar4car application software for Android™
Display screen of vehicle mounted device
*The image is an image.



Display screen of smartphone



Weather4car application software for Android™
Display screen of vehicle mounted device
*The image is an image.



Display screen of smartphone

Application software for Android™ was developed to make it available to more customers, following interoperability software with smartphones last year. The concepts of the UI (user interface) designing of the software were to make the customers feel familiar with the design as well as to assure customers ease of use.



Eco Driving with the Global Environment in Mind

Clarion has been promoting "Green Navigation" concept with technologies and product designs to assist more eco-friendly driving. We have introduced features such as "Save-energy Route Search" to find the route that uses the least fuel. These features bring about reduction in CO₂ emissions and fuel bills, and are friendlier to both the planet and drivers. It is foreseen that more HVs and EVs will come into use. We intend to continue developing eco-drive technologies that are a perfect match for these next-generation cars with ecological consideration in the future.

● Save-energy Route Search



Searches for most fuel-efficient route based on various criteria

- Ups and downs requiring frequent acceleration?
- How congested?
- Distance to reach destination? etc.

For example...

Expressway: Can reach destination fast but is long way around and is sometimes congested.

Mountain road: Shortest travel distance but lots of ups/downs require frequent acceleration/deceleration.

Surface street: Slightly longer distance but flat, with less congestion to reach destination faster.

We are Clarion



Design Dept.
Noriaki Aoyama

Having been thrown out into the vast arena of UI (user interface) development for iOS and Android™ from narrow and limited field of development of integrated devices, I started to be involved in the development work of applications without knowing well which way to go. The speed of evolution in this field is much faster than the in the field I was involved before. And therefore, I'm pursuing the development so as not to be left behind, studying together with staffs in concerned departments. I'm doing my best so that as many users will be able to experience Smart Access's interoperable application software and give us their feedbacks.

Unrelenting Quest for Quality to Build a Solid Foundation of Trust.

Quality Evaluation System Built to Deliver Reliability in Severe Automotive Environments

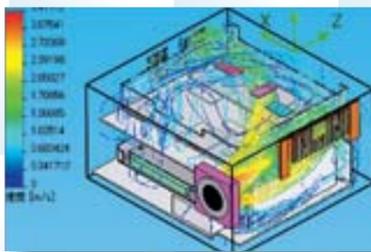
Clarion in-vehicle products need to deliver stable and reliable performance in a wide variety of climates and environments around the world, from the tropics to the polar regions, and from the desert to the rain forest. Clarion, as a best partner of the customers, maintains a stringent system of quality control, so that it can continue to deliver assured quality in own brand after-market products and in those for OEM customers.

In the processes of designing using 3-dimensional CAD, vari-

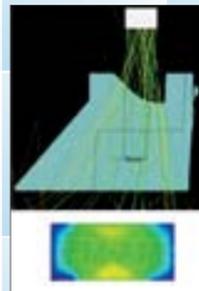
ous analyses of optics for the illumination, heat within the device, strength of components and tolerance assure perfect designing quality. Simulation tools are employed for ease of assembly in order to further improve the product quality.

Clarion products reach the hands of our customers only after grueling tests and uncompromising quality evaluations have been repeatedly applied.

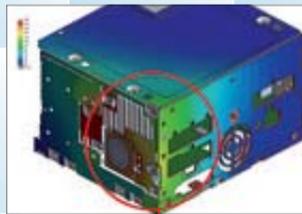
Design Simulation



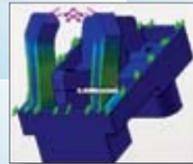
Heat Analysis(analysis of air-flow)



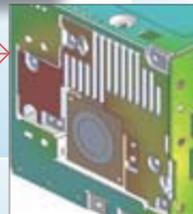
Optic Analysis (illumination of operation buttons)



Heat Conductivity Analysis



Component Strength Analysis (plastic components)



Radio Anechoic Chamber



Sound Analysis Laboratory



Vibration Testing Equipment (for rattle noise check system)



Shield Room for Vehicle



Listening Room

Establishing a Quality Administration System Highly Appreciated in the Global Market

Clarion has actively introduced high-definition cameras and X-ray equipment to check the status of mounting on highly dense circuitry and miniaturized parts. Standardized check operations have been adopted at all production lines from domestic to overseas, ensuring that the same high quality standards are enforced at any Clarion manufacturing facility around the world.

Production System



Production line (mounting)



Pallet inspection line

Quality Administration System ranging from Automobile Industry to New Business Domains to meet the World Standards

Clarion has established a quality administration system that meets the needs of our worldwide OEM clientele. As part of this, all Clarion group manufacturing units including the one in Thailand which started its operation in April 2012, have acquired certification for ISO/TS16949, an international quality standard specific to the automobile industry. Furthermore, we are building up quality assurance processes in the area of New Category Products (such as Smart Access, etc), and are striving to further improve quality assurance system which ensure global addressing of customer support in an aim to "ensure satisfaction and trust of customers".

Quality Evaluation System



Drop Table Type Shock Test Equipment



Water Proof Test Equipment



Repetitional Endurance Testing Machine



Dust Endurance Test Equipment



Thermal Shock Chamber



Temperature & Humidity Chamber with Vibration Test Equipment

We are Clarion



Production Engineering Dept.
Yutaka Okabe

Hello everyone, this is Okabe working in Production Engineering Department. After working in circuitry designing, now I am in Mass-production Engineering Group of Production Engineering Department and in charge of works from proto-type evaluation to follow-up after the products are in mass-production. Making active use of my personal experience, and with cooperation from others, I work daily for maintaining and improving the product quality.



Reliability Assurance Dept.
Kazuhiro Saruta

I perform various quality assurance tests on prototypes at Reliability Assurance Department. We make tests considering the environments of various customers throughout the world and verify appropriateness of the product quality. I strive further so I can be a part of system of delivering reliable, safe and secure products to our customers.

Topics

Enhancement of R&D Functions in China: Establishment of a Global R&D Center

We are in the process of large scale enhancement of R&D functions of CXEE (Xiamen, in Fujian Province) aiming to expand business in China where we see most remarkable growth in the emerging countries, as well as to ensure cost competitiveness to meet demands from the global market.

Expansion of CXEE R&D Center started in 2010 and number of personnel increased about 3 times from 190 in December 2010 to 592 in March 2013.

In the future, further expansions are planned so that CXEE will be responsible in addition to current duties of product development to Chinese domestic market, to those for the global markets. At the same time, we shall make efforts to further improve engineering capability and quality assurance system to meet requirements of global customers.



CXEE R&D Center (Xiamen, in Fujian Province)

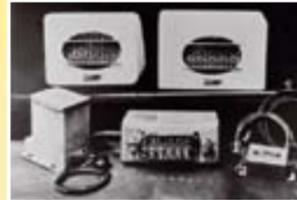
Our History as a Front-Runner in In-Vehicle Equipment Means We will Continue to Visualize the Future.

Clarion's history is closely tied to the history of the automobile industry itself. As a worldwide front-runner who created Japan's first car radio and Japan's first car stereo, Clarion has always led the field in any era. We give top priority to understanding driver needs and supporting them through sure technology, as well as steadfastly proposing unique new products based upon our advanced creativity. Having evolved from car radio and audio visual devices to car navigation systems and beyond, the field of automotive information equipment is entering a new period of change, filled with amazing potential. We at Clarion will likewise be evolving "Expansion From In-Vehicle Equipment Manufacture To In-vehicle Information Solution Provider".



1940's – 1990's

1940 December, 1940 / Established as Hakusan Wireless Electric Company, began manufacturing of battery-operated household radios. / Capital of 180,000 yen
November, 1943 / Merged with Takizawa Wireless Electric Industries Co., Ltd., renamed as Teikoku Dempa Co., Ltd..



1948 Japan's First
 Car radio and PA system for buses developed and released

1950 February, 1951 / Produced Japan's first car radio.



1951 Japan's First
 Clarion's first original radio Hino Renault "Le Parisien" released
June, 1958 / Exported car radios to U.S., creating the base for Japanese car audio exports.
May, 1959 / Car radio receives genuine parts specification from Nissan Motor.
August, 1962 / Teikoku Dempa listed on 2nd section of Tokyo Stock Exchange.



1963 Japan's First
 Car stereo developed, and released the next year
October, 1963 / Developed Japan's first car stereo, began marketing August of following year.
September, 1967 / Saitama office opened in Toda-shi, Saitama, Japan.
March, 1968 / Marketed Japan's first cassette car stereo.



1968 Japan's First
 Cassette car stereo released
August, 1969 / Teikoku Dempa is listed on 2nd section of Osaka Stock Exchange.

1970 February, 1970 / Teikoku Dempa upgraded from 2nd to 1st section of Tokyo and Osaka stock exchanges.
April, 1970 / Opened head office at Dogenzaka, Shibuya-ku, Tokyo, Japan.
December, 1970 / Corporate name changed to Clarion Co., Ltd. / First overseas factory (CM) established as joint venture in Malaysia.
June, 1975 / Started Clarion Girl campaign, with Agnes Lum becoming first grand prix winner.
August, 1976 / Business-use karaoke "Karaoke 8" and cassette editing deck "Dubbing X" are marketed.
October, 1978 / Tohoku office opened in Koriyama-shi, Fukushima, Japan.
November, 1980 / Head office moved to Shibuya-ku, Tokyo, Japan.



1995 Aftermarket's First
 Double-DIN unit in the industry ADX8155 released
May, 1996 / VICS-compatible car navigation system marketed.

1981
 Car stereo "City Connection" released
July, 1983 / Factory established in France (CEF).
November, 1983 / Gumma office established in Oura-gun, Gumma-ken. / Manufacturing company established in Mexico (ELECLA).
July, 1987 / CD5000 car CD player marketed.
October, 1989 / Manufacturing company established in the Philippines (CMCP).
February, 1992 / Voice-guidance car navigation system NAC-200 is marketed.



1992 Japan's First
 Voice guidance navigation system (Map narration system) NAC-200 released



1993 Japan's First
 Hybrid navigation system NAX-700 released

1990 April, 1993 / Clarion's SS wireless modem clears for the first time the technical standards set by Japanese government, and is marketed.
January, 1995 / Clarion Orient Co. (CHI) established in Hong Kong.
March, 1995 / ISO 9001 certification obtained for all Clarion establishments in Japan.
April, 1995 / Factory completed in China (DCOE).



1995 Aftermarket's First
 Double-DIN unit in the industry ADX8155 released
May, 1996 / VICS-compatible car navigation system marketed.



1996
 Single-DIN type CD/DSP control, TV/AM/FM tuner-equipped 5-inch LCD amp VRX8250 released



1996
 High-performance high-quality CD center unit DRX9255 released

April, 1997 / Hamamatsu Sales office opened.
October, 1997 / Manufacturing company established in Hungary (CHE).
January, 1998 / "AutoPC" jointly developed with Microsoft Corp.
December, 1998 / "Clarion AutoPC" marketed in U.S.



1998 World's First
 Clarion AutoPC in-vehicle computer developed in collaboration with Microsoft world's first "Clarion AutoPC" released in U.S.

August, 1999 / ETC terminal jointly developed with Hitachi, Ltd..
December, 1999 / OEM supply of "AutoPC" to French automaker Citroën begins.

2000 March, 2000 / Clarion Sales Co., Ltd. founded.
April, 2000 / Five Clarion offices in Japan obtain ISO 14001 certification.
December, 2000 / HCX Corporation established as joint venture between Hitachi, Clarion, and Xanavi Informatics.
May, 2001 / Head office relocated to Hakusan, Bunkyo-ku, Japan.
August, 2001 / Clarion scholarship "MEDAMA" campaign started.
October, 2001 / In-vehicle terminal for ETC system marketed.
November, 2001 / "AutoPC CADIAS" exhibited at Tokyo Motor Show.
March, 2002 / Satellite radio receiver on sale in North America.
September, 2002 / Head office functions moved to Toda City, Saitama.
October, 2002 / Clarion Tohoku Seizo Co., Ltd. merged with the Automotive Products Production Department of Clarion Co., Ltd. and Clarion Logistics Co., Ltd. and renamed Clarion M&L Co., Ltd..
December, 2002 / Launched "AutoPC CADIAS", first in-vehicle PC in Japan.



2002 Japan's First
 "AutoPC CADIAS" in-vehicle computer released. Adopted Windows CE for Automotive as the OS, and "AccessNAVI" communication type navigation system

February, 2003 / World's first "bird's-eye view" camera for rear-view system supplied to Nissan Motor.
June, 2003 / HDD (Hard Disk Drive) equipped AV car navigation system marketed.
August, 2003 / Started delivering Car Audio to Shanghai General Motors, China.
October, 2003 / HDD (Hard Disk Drive) equipped AV car navigation system, compatible with "CARWINGS" of Nissan Motor Information Service.

February, 2004 / the world's first Linux, Java J2ME CDC equipped in-vehicle information terminal for commercial vehicles marketed.
2004 World's First
 In-vehicle Information Terminal for commercial vehicles with Linux and Java J2ME CDC released



2004 World's First
 In-vehicle Information Terminal for commercial vehicles with Linux and Java J2ME CDC released

June, 2004 / the industry's first 2DIN commercial sized, 7-inch monitor equipped HDD AV car navigation system marketed.
July, 2004 / First-in-the-industry bus FM teletext tuner for use in community bus stop name display marketed.
January, 2005 / First-in-the-industry AV center unit with iPod control via virtual on-screen iPod marketed in U.S..



2005 First in Industry
 iPod full control function-equipped Single-DIN AV center unit VRX755VD released

2000's – 2013

2005 March, 2005 / HDD AV-Navi System developed for all models for Porsche Japan.
May, 2005 / First iPod compatible integrated AV-HDD Navigation unit developed for the Japanese market.

2006 June, 2006 / Car navigation introduced for first time in China and N. American markets.
July, 2006 / Launched "Movieum", Japan's largest-scale travel and driving information website with video clips showing travel destinations.
December, 2006 / Became a Hitachi group company.

2007 January, 2007 / Xanavi Informatics Corporation became 100% subsidiary.
January, 2007 / Supplied car audio to Toyota Motor for the first time (contracted by Daihatsu Motor).
April, 2007 / Bus location ASP service started.

April, 2007 / Name change of Clarion M & L Co., Ltd. to Clarion Manufacturing "Protech" Co., Ltd., as production control and production engineering functions transferred from Clarion Co., Ltd.
July, 2007 / Car navigation system for use in commercial vehicles "Solid Navi" (CQ-8000) developed and introduced into the market.

2007 World's First
 Commercial use SDD navigation system "Solid Navi" released

August, 2007 / Relocated our Headquarters to Saitama, Shintoshin. New facility named "Corporate Headquarters & Technology Center".
December, 2007 / Clarion's 7-inch DVD Multimedia Station VRX935VD and 6-disc DVD Changer VCZ625 (both American market models) selected by NASA installation and the International Space Station (ISS).
June, 2008 / High class navigation system, "CRASVIA" series and Memory type SDD navigation system "Smoonavi" series released.

2008 World's First
 In-vehicle Information Terminal for commercial vehicles with Linux and Java J2ME CDC released

2008
 "CRASVIA" (NX808) Terrestrial digital TV tuner and Bluetooth equipped HDD AV car navigation system marketed.
July, 2004 / First-in-the-industry bus FM teletext tuner for use in community bus stop name display marketed.
January, 2005 / First-in-the-industry AV center unit with iPod control via virtual on-screen iPod marketed in U.S..

2008
 Mobile communication terminal "ClarionMIND" released in North America

2008
 Mobile communication terminal "ClarionMIND" released in North America

2008
 Mobile communication terminal "ClarionMIND" released in North America

2008
 Mobile communication terminal "ClarionMIND" released in North America

2009 April, 2009 / Xanavi Informatics Corp. (100% owned subsidiary) absorbed and merged
April, 2009 / Company name of Clarion Sales Co., Ltd. changed to Clarion Sales and Marketing Co., Ltd..
July, 2009 / SDD navigation system delivered for the first time to Mitsubishi Motors' electric car, "i-MiEV".
October, 2009 / Good Design Awards given to 5 of 2009 models.

2010 January, 2010 / Car audio delivered to "nano" of Tata Motors, India.
April, 2010 / Clarion Manufacturing "Protech" Co., Ltd., and Clarion Service Co., Ltd. merged with new name Clarion Manufacturing and Service Co., Ltd..
May, 2010 / "Smoonavi" 2010 series with Eco-Drive Advice and Save-energy Route Search functions released.
October, 2010 / Head office registration transferred to Saitama Shintoshin; name of Headquarters / Technology Center changed to "Registered Head Office / Technology Center"

March, 2011 / First in the world full digital speakers for cars developed
April, 2011 / Hakusan and Zama Offices moved to Saitama Shintoshin; Headquarters-Annex Office opened.

June, 2012 / "Smart Access" cloud-based information network service for vehicles is launched in North America.
June, 2012 / "Smart Access" cloud-based information network service compatible car navigation system released.

2012
 7-inch wide VGA Double-DIN digital terrestrial TV/DVD/SDAV-Navigation system "SD AV Navigation" (NX712) released
December 2012 / "First-in-the-world, Full digital speaker system "01DRIVE" series released.

2012 World's First
 [First of the series] Vehicle mounted full digital AV navigation/speaker system "Z8/Z17F" released

2012
 [Second of the series] Portable full digital speaker "ZP1" released

2012
 [Third of the series] Full digital speaker built-in buried in ceiling "ZF160" released

2013
 [Fourth of the series] Full digital speaker built-in buried in ceiling "ZF160" released

2013
 [Fifth of the series] Full digital speaker built-in buried in ceiling "ZF160" released

2013
 [Sixth of the series] Full digital speaker built-in buried in ceiling "ZF160" released

2013
 [Seventh of the series] Full digital speaker built-in buried in ceiling "ZF160" released

2013
 [Eighth of the series] Full digital speaker built-in buried in ceiling "ZF160" released

Global Communication and Strategic Activities Link People, Businesses and Society.

Numerous countries and regions, various cultures and market trends... As Clarion's scope of activities becomes ever more global, the importance of communication with our customers becomes increasingly important. Towards our stakeholders all over the world, Clarion is engaged in a broad range of activities to convey our corporate philosophy, achieve wider brand recognition, provide product information, publicize new technologies, promote sales through advertising and other means, as well as upgrading our portal site. By effectively merging in a well-balanced manner our global strategy centered on the "Clarion" brand, with localized strategies that emphasize regional needs, we are able to aggressively implement communication activities to forge an excellent relationship with society.



2012
Exhibition at AMICOM 2012
(Germany)



2013
Exhibition at Auto Shanghai 2013
(China)



2012
Exhibition at DLF Promenade
(India)



2012
Exhibition at Bologna Motor Show
(Italy)

2012
Exhibition at Istanbul
Autoshow 2012 (Turkey)



2012
Select Citywalk
(India)



2012
Exhibition at Bus-
Operators Convention
(Tokyo, Japan)



2012
Tech Show
(Technical Exhibition)
(Saitama, Japan/Head
Office & Technical Center)



2013
Exhibition at CEATEC
JAPAN 2012
(Tokyo, Japan)



2013
Simultaneous Exhibition at 2013
International CES (Consumer
Electronics Show) (U.S.A.)



2013
Exhibition at
Bangkok International
Motorshow 2013
(Thailand)



2013
Exhibition at Tokyo Auto Salon 2013
(Tokyo, Japan)



Clarion Staff Around the World Filled with Pride in and Enthusiasm for Our Brand.

An outstanding company is created by the coming together of human resources who share the same lofty ambitions. Clarion, which has built up a powerful global network, has employees in countries around the world who are the faces representing the Clarion brand. All of them are working hard every day with pride in their work and a sense of responsibility in order to build better relationships with our customers in countries around the world. It is the presence of each and every one of these employees which further increases the value of Clarion and builds a solid foundation for our future growth.



I am involved in production management at CMS. This is my 4th year at the company, and every day is a reminder that on-site management is a tough job. I appreciate the advice, encouragement and "tough love" offered by colleagues and superiors as they help me to grow. Count on me to work hard the gain the satisfaction of my customers.

Clarion Japan (CMS)
Manabu Okura



Hello, I'm Tracee Alvarenga, Sales Reporting Manager for CCA in Cypress Ca. I have been with Clarion for 25 years, I report on CCA Retail sales and Inventory and I handle sales order duties for our East Coast dealers and Amazon.com. Clarion has enabled me to move up and learn many new things in my 25 years here.

Clarion America (CCA)
Tracee Alvarenga



I am in charge of promoting vehicular management systems that integrate with navigation systems for commercial vehicles, as well as safe drive supporting devices, at Clarion's Corporate Sales Dept. As we evolve into an in-vehicle information system provider, I hope to upgrade my own skills to address the diversifying needs of corporate customers.

Clarion Japan (CSM)
Minoru Kobayashi



Hello, I'm Yanli Zhou of CXEE Software Development Dept. I've been involved in audio product development ever since joining the company in August 2004. From the first aftermarket model to the latest OEM model, I hope to make innovative developments while maintaining quality. Here I work with a motivated team, and it's a joy even if things get really hectic. I'll continue to work hard to ramp up my own capabilities too.

Clarion China (CXEE)
Zhou Yanli



I work at the circuit board assembly line. Back when I first joined I knew nothing about product manufacturing, but nowadays I work as a helper at all stages of the circuit board assembly line to assist the staffs in any way possible. I hope to continue helping to make better and better products.

Clarion Japan (CMS)
Risa Gotoh



My Name is Norman Hiller and I joined Clarion Team in 2007. I am in charge of CED product management and marketing. Looking to European business, in my eyes German market is one of the toughest. Day by day I am fighting to improve our products and extend our market share in Europe. This year we will do some big B2B events to show the Clarion strategy to our customer, because I believe in our maxim "We are Clarion!"

Clarion Germany (CED)
Norman Hiller



My name is Chunshan Chen. I started at the DCOE Pingqian factory in 2010, and currently am in charge of die and mold tooling technology there. Our plastics business is up to a great start thanks to everybody's support. Hopes are high for this new business, and we will strive to contribute to the group above and beyond those expectations.

Clarion China (DCOE)
Chen Chunshan



I am Qiulin Lin, working on production engineering at CXEE. After joining in November 1998, I am now at the factory's Production Engineering Dept. in charge of maintaining production facilities, preparing production documentation, and improving production sites. I am very proud to be a part of Clarion, and hope to continue working with my colleagues here. Xiamen is a wonderful city, and I hope you'll be able to visit some day.

Clarion China (CXEE)
Lin Qiulin



I am currently in charge of aftermarket sales taking care of mass retailers and car dealers in the Tokyo area including the Saitama Shintoshin area where Clarion headquarters is located. I hope to contribute to boosting the Clarion brand image as my duties as the "face" of Clarion that is closest to the end user will allow.

Clarion Japan (CSM)
Kenji Iwasaki



Hello! My name is Ed (Edo) Root, I am an OEM Director of Sales at CCA. My office is located in the city of Dublin, a suburb of Columbus, Ohio. My office is in charge of OEM business to Honda and Subaru in North America. I have been a proud member of Clarion Corporation of America for 10 years and in the automotive industry for over 35 years. Clarion is an exceptional brand recognized for industry-leading quality but it is also the people that help make Clarion products and services superior to our competitors. We are Clarion!

Clarion America (CCA)
Ed Root



As the OEM salesperson in charge of Japanese car manufacturers, my job includes proposing and order taking and following up of existing accounts in the product ranges of navigation, audio and camera. I'm forging ahead while experiencing the wonder of this job which includes developing my interpersonal skills.

Clarion Japan (CT)
Arata Watanabe



I'm Mina Okabe, in charge of overseas OEM sales. After 4 years experience in overseas aftermarket sales, I am now liaising with overseas car manufacturers to coordinate everything from order taking to sales and delivery. Being inexperienced, each day is still a challenge for me, but hopefully will be able to link with local subsidiaries and related divisions to effectively handle the products in my care.

Clarion Japan (CT)
Mina Okabe



Sawadee kha! My name is Wimonrat Srilabangpeng (Ple), I have joined Clarion since 2011. When I joined Clarion Thailand it was a small factory. Now, the new factory has higher production capacity. The new operation has created a good opportunity for me to growth in my career. Currently, my main tasks are handling banking affairs including the supervision of bank transfers and communication with bank representatives to prepare cash flow reports. Also, follow up the account receivable for local and Overseas. I enjoy my work and wish that I could contribute to the company on my roles. I also hope that Clarion as whole will "moves you, connects you" with our customers and create brand value to Clarion with our effort and commitment.

Clarion Thailand (CAT)
Wimonrat Srilabangpeng



This year marks my 8th anniversary at the company, and I am currently in charge of electrical parts procurement. In the rapidly changing environment of China's parts procurement and production planning, I do my best to get the required number of necessary parts delivered where they're needed when they're needed. The job can be hectic, but I get to know other companies too so I really enjoy it.

Clarion China (DCOE)
Zhang Yu



I joined the company in November 2010. I work as a supplier quality assurance manager for Europe. It gives me the opportunity to deal with several Clarion's companies and to learn many things from their members. My target is to establish a good communication inside and outside Clarion in order to guarantee our customers satisfaction.

Clarion France (CEF)
Julien Signorino-Gelo



Hello Everybody! My name is Anikó. I'm a shipping controller in Clarion Hungary. I have joined to the company in 2004. My work is the arrangement of export shippings and preparation of the related necessary documents. I'm in daily contact with several transportation companies, and I also have good relation with some other foreign Clarion's members.

Clarion Hungary (CHE)
Kovács Szűcs Anikó