

clarion®

Unprecedented Purity, Uncompromising Quality

Full Digital Sound

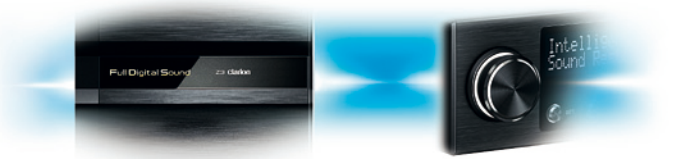
Z3 / Z7 / Z25W



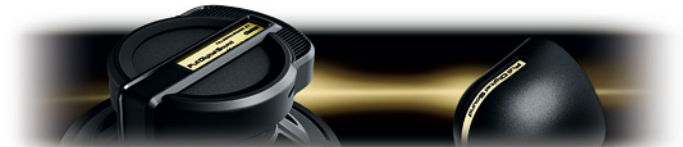
Revolutionary Full Digital Sound Moves You like Never Before

Full Digital Sound

Clarion's full digital system minimizes sound loss to the extreme. This enables unprecedented sound fidelity where the true essence of the sound source is reproduced as-is, and contributes to ear-awakening high-response sound. Attention all music lovers: Brace yourselves for digital sound that will move you like never before.



Bold design positions solid metal parts on the black body



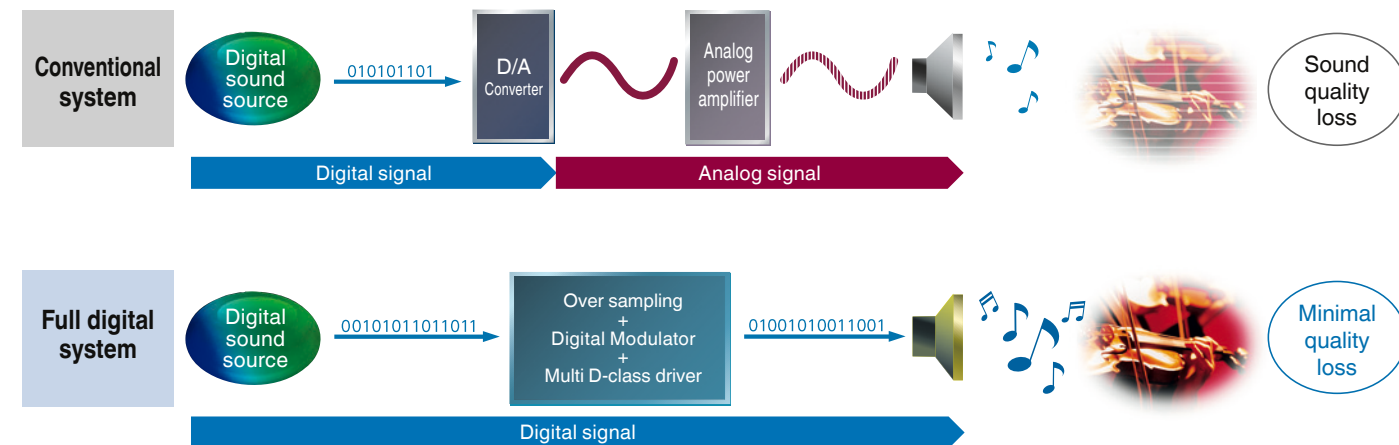
Champagne gold trim accentuates the bold design

Z3	Full Digital Sound Processor (Processor / Tweeter / Commander)
Z7	Full Digital Sound Speaker
Z25W	Full Digital Sound Subwoofer

From Source to Speakers, Digital-to-Digital Changes Audio

Full digital signal transfer from the digital source enables direct input of High-Resolution Audio sources to the speakers without loss. High quality digital sound is reproduced, with purity that's true to the original. And since digital signals are converted to sound with high efficiency, the system is capable of delivering 4-times the high power output of conventional full digital systems, while also achieving low power consumption that's only about 1/5th that of analogue systems.*1

*1 Compared to the driving circuit of a typical factory original audio system.

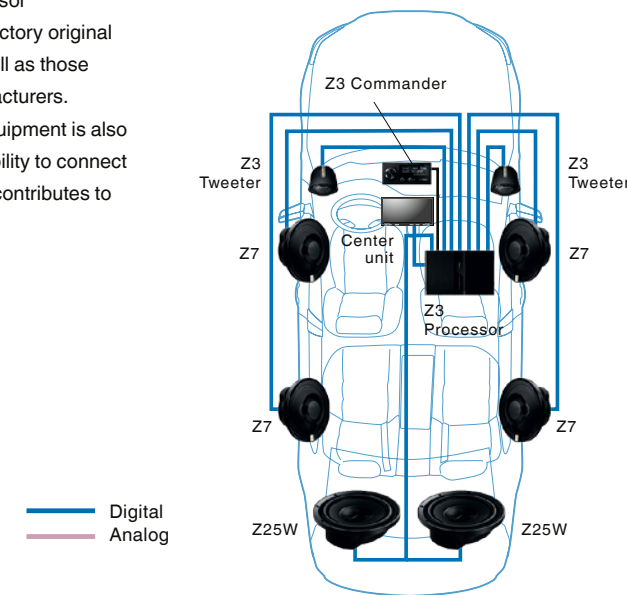


Dnote *Trigence Semiconductor's Dnote technology is used for digital signal processing. Dnote is a registered trademark of Trigence Semiconductor, Inc.

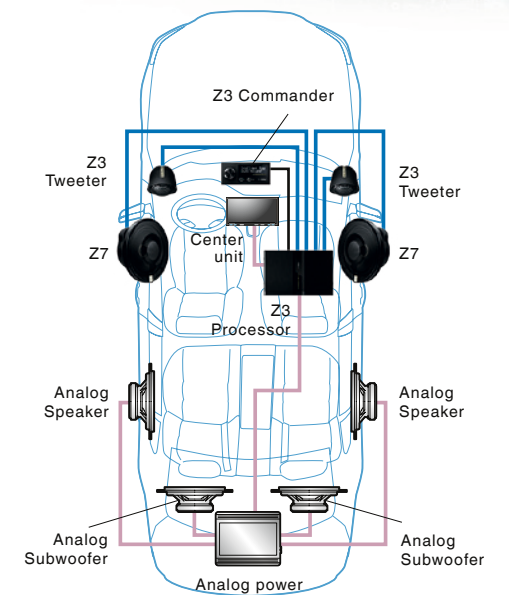
Digital Processor Delivers Versatility

The digital processor accommodates factory original center units as well as those from other manufacturers. External audio equipment is also supported. The ability to connect analog speakers contributes to system versatility.

Example of Full Digital Sound system



Example of mixed system including analog system



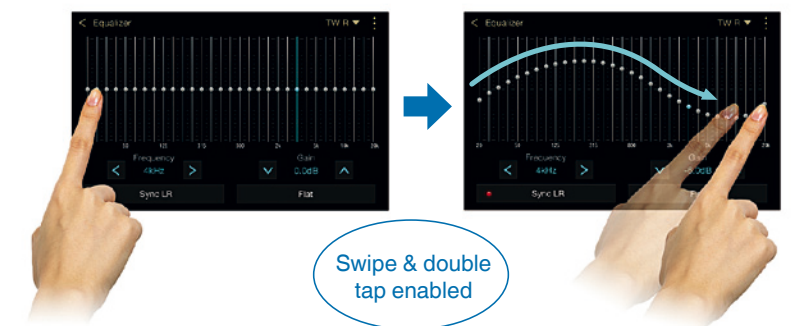
World's First Originally Developed LSI

Clarion developed the first LSI optimized for in-vehicle use that efficiently transforms electrical power into sound pressure, helping to further boost the high quality potential of digital sound.



Intuitive Tuning Using your Smartphone or Tablet

By installing an app on your smartphone or tablet, you can enjoy high-precision sound tuning like Cross over, Time alignment and Graphic equalizer and more with intuitive touch operation. Even fine tuning can be done with a few simple steps.



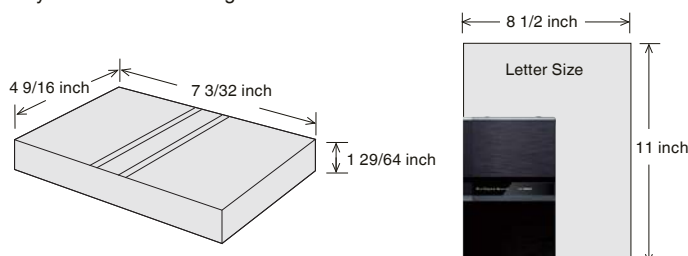
Clarion's Commitment to Quality Is for Everybody

Newly Developed 6-Layer Voice Coil Goes beyond Conventional Thinking

The system incorporates Dnote digital signal processing technology and 6-layer multi-voice coil, transmitting multiple digital signals directly to the voice coil to realise a precise cone stroke. By consolidating 6 different vibrational forces, the speaker delivers high-powered high-quality sound.

Space-Saving Processor

The processor features a slim-profile compact design to enable installation in a variety of locations including under the seat.



MAIN FEATURES



Z3

Full Digital Sound Processor

- New Developed LSI
- 32-Bit SHARC® DSP
- USB Port
- Intelligent Tune (Sound Restorer / Virtual Bass / Tone Filter / Reverb Control)

Full Digital Tweeter

- 1" Pure Soft Dome Tweeter
- Dual Magnet
- Dual Voice Coil
- Surface Mounting / Flush Mounting

Commander

- Large Rotary Volume Control
- 5x7 Dot Display

High-Resolution Audio Playback Compatible

Just connect a smartphone (Android™), and you'll be able to enjoy playing the music files stored on it, including High-Resolution Audio content, with high quality (from digital to digital) reproduction.

Commander for Control of Volume and Various Functions

Equipped with a large rotary volume control, the commander provides easy and comfortable operation even while driving.



Z7

Full Digital Sound Speaker

- New Developed LSI
- Phase Plug
- 6-3/4" ACMI-PP Cone Woofer
- 6-Layer Voice Coil
- Built-In Full Digital Driver Circuit



Z25W

Full Digital Sound Subwoofer

- New Developed LSI
- Shallow Type Basket Design
- 10" GAC-Composite Cone Woofer
- 6-Layer Voice Coil
- Built-In Full Digital Driver Circuit



clarion[®]
moves you ■ connects you

www.clarion.com

Notes

- Specification and design are subject to change without notice.
- Photos are non-binding.
- Smartphone compatibility may vary by model and operating system.
- Android™ is a trademark of Google Inc.



- Trigen Semiconductor's Dnote technology is used for digital signal processing. Dnote is a registered trademark of Trigen Semiconductor, Inc.

Clarion Corporation of America
6200 Gateway Drive
Cypress, CA 90630, U.S.A.
Tel 310-327-9100 Fax 310-327-1999

Clarion Canada Inc.
3800A Laird Road, Unit 6, Mississauga,
Ontario, L5L 0B2, Canada
Tel 905-828-2900 Fax 905-828-1218

Electronica Clarion, S.A. de C.V.
Headquarter
Piedra # 200, Col. Jardines del Pedregal, C.P. 01900, MEXICO D.F.
Tel +52 (55) 5481-2405 Fax +52 (55) 5135-2760
Email: mbodek@clarionmx.com