

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

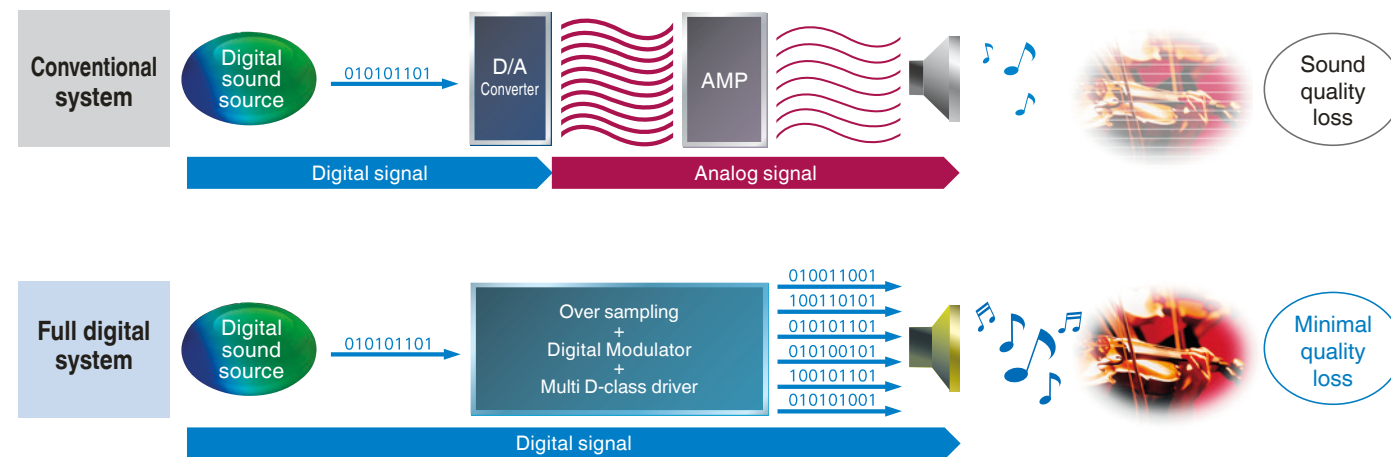


Champagne gold trim accentuates the bold design

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

From source to speakers, Digital-to-Digital changes audio

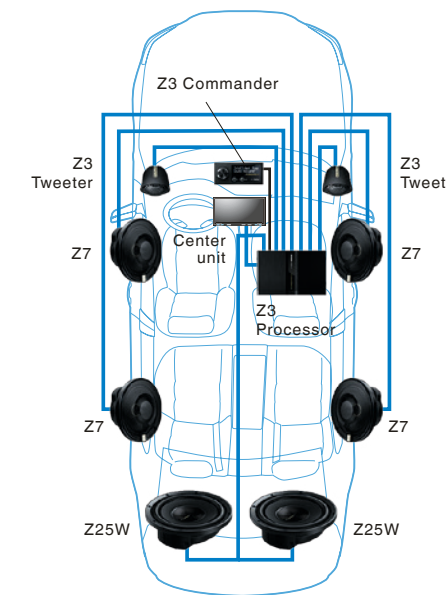
Full digital signal transfer from the digital source to the speakers enables direct input of High-Resolution Audio sources without loss. Unlike traditional amps, this system applies oversampling and digital processing to the original digital signal, separating it into multiple digital signals and outputting them via high-output D-class multi-driver directly to the speakers.



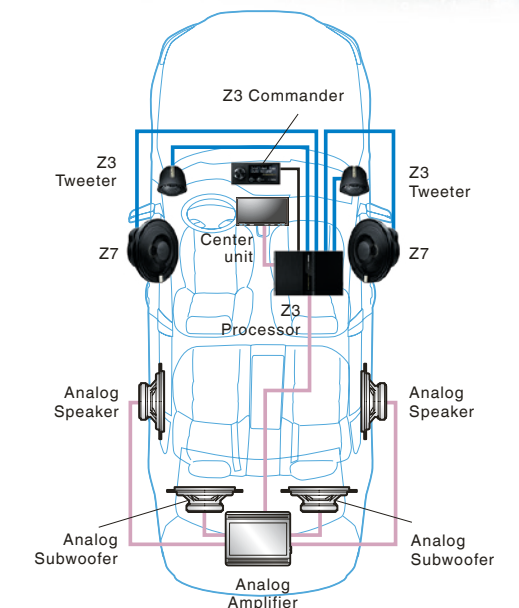
Digital processor delivers versatility

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



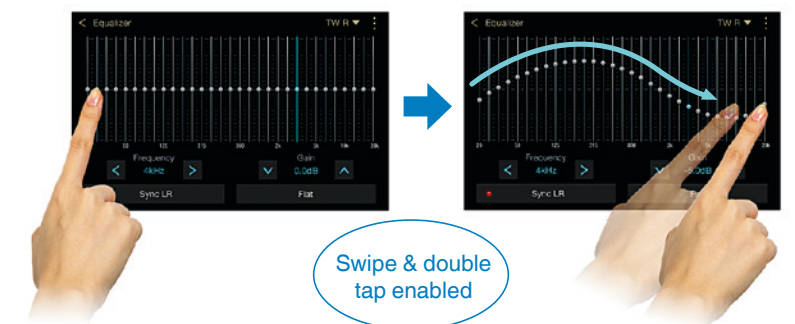
World's first originally developed LSI

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 with intuitive touch operation. Even fine tuning can be done with a few simple steps.



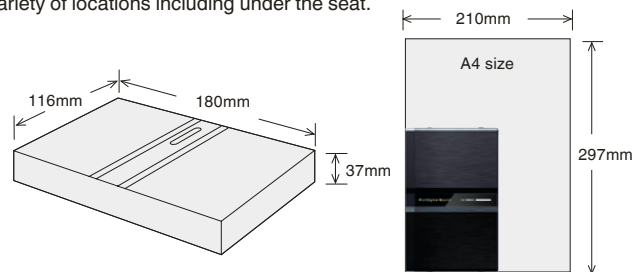
Clarion's commitment to quality is for everybody

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

- 2.5cm 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

You can connect and enjoy playback of High-Resolution Audio content stored on your High-Resolution compatible smartphone (Android™).

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 Speaker

- New developed LSI
- Phase plug
- 17cm ACMI-PP cone woofer
- 6-layer voice coil
- Built-in full digital driver circuit



Z25W

Full Digital Subwoofer

- New developed LSI
- Shallow type basket design
- 25cm GAC-composite cone woofer
- 6-layer voice coil
- Built-in full digital driver circuit

Clarion

Unprecedented purity, uncompromising quality

Full Digital Sound

Z3 / Z7 / Z25W

Clarion

moves you • connects you

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Notes

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- Photos are non-binding.
- Smartphone compatibility may vary by model and operating system.
- Android™ is a trademark of Google Inc.

Dnote • Digital signal processing utilises Dnote technology by Trigrance Semiconductor.

