Clariion Subwoofers/Speakers for 2005...

**Hybrid Paper-Polymer Composite Cone (Subwoofer)**
In order to meet the severe low-frequency reproduction demands of digital sound sources, the speaker cone feature a hybrid paper-polymer composite diaphragm that blends the high rigidity of paper with the exceptional heat resistance. The result is high efficiency energy exchange from cone to air, offering powerful, tight sound for bass reproduction in the digital age.

**Dual 4 Ohm Voice Coils (Subwoofer)**
Clariion's subwoofers utilize dual voice coils for linear handling of large amplitude input signals. Dual coil reduce the countervibrating effect, which often occurs in the high-range bands. It also prevents variations in the speaker's impedance to eliminate distortion. Employing a dual voice coil configuration— which provides extremely high magnet efficiency—the woofer also allows for powerful magnetic operation. This results in a subwoofer that is efficient, powerful, and boasts high sensitivity.

**Glass Fiber Woofer Cone**
Clariion's woofer cone made of glass fiber provides the kind of rigidity that will stand up to the rigorous in-car environment. This material significantly decreases noise distortion to zero because of its ability to prevent the cone from bending during high input levels. The result is rich, full bass that dynamically hits with tight, accurate music reproduction.

**In Phase Coaxial Design**
A key component to experiencing natural sound imaging and staging is the ProAudio In-Phase Coaxial Design. The tweeter’s “in-phase” configuration increases the phase differential between the woofer and tweeter, and prevents the time lag between high and low frequency sounds from being audible to the listener.

**Silk Dome Tweeters**
By incorporating silk into its soft dome tweeter, Clarion provides you with a velvety, delicate and open interior tone, avoiding the apprehension and a level of stiffness that provides your sound system with superior detail, these silk soft dome tweeter is a series minutes signals even at the input levels. This revolutionary design also provides ProAudio’s soft dome tweeter with a frequency response in excess of 32kHz (DKT12/1224).

**Dual Neodymium Magnet for Tweeter**
For superior sound reproduction, ProAudio tweeter utilizes a Dual Neodymium magnet which boosts extremely high magnetic energy — approximately to twice that of typical iron magnets. With a magnet index density that far surpasses conventional speakers, the neodymium magnet reduces magnetic distortion and boosts high-energy efficiency.

**Shrink-wrapped Magnets**
There’s a reason why Clarion’s speaker systems add superior dimension to your music, without compromising sound. Equipped with a highly conductive Shrink-wrapped Magnet, Clarion’s speaker systems tout a magnetic flux density that is significantly higher than conventional ferrite magnets. This is especially important when matching Clarion’s speaker systems with a digital source.

**Mica Injection Polypropylene Cone**
By blending mica particles into the polypropylene matrix injected into the membrane core, Clarion’s subwoofer cone remains rigid under intense power, ensuring distortion-free reproduction. It is extremely important when the speakers are matched with a digital source (SRR1615, SRR5015, SRR410, SRC410, SRC210).

**Metallized Mica Injection Polypropylene Cone**
Clariion’s metallized Mica injection polypropylene cone is responsive to heat and other ambient conditions prevalent inside a vehicle. This metallized cone reduces heat build-up during high levels of excitation, resulting in high efficiency and very fast dynamic response. (SRR1615, SRR5015)

**Metallised PEI Balanced Drive Tweeter**
Because of its superior physical properties for high to midrange, the metallized dome tweeter utilizes a Dual Neodymium magnet to provide the stiffness and rigidity that is required. This tweeter maintains its lightweight, high-frequency response at high sensitivity.

**Mica Injected Aluminum Cone**
Clarion’s aluminum cone is designed to handle high-temperature conditions found in high performance speakers, ensuring high sensitivity and high efficiency.

**Vibration-Free Aluminum Cone**
The aluminum cone is designed to maintain a high level of integrity even at very low volume levels, ensuring high sensitivity and high efficiency.

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The aluminum cone is designed to maintain a high level of integrity even at very low volume levels, ensuring high sensitivity and high efficiency.

**New materials and technologies embodying the capability to reproduce digital sources in the digital age.**

The suppleness and tightness that comes from the Silk Tweeter Diaphragm, as well as the synergy of the Subwoofer’s Paper Composite Cone that offers sharp and powerful bass expression and the Stamped Aluminum Frame that combines excellent rigidity and damping characteristics...

All of these reproduce sounds true to the source, just like a musical instrument in the hands of a musician. And to quickly respond to the high information capacity needs of the digital age, Clarion’s speaker lineup features new materials and new technologies, including Metallized Mica Injection Polypropylene Cones with their light weight and high rigidity, and newly restructured PEI Balanced Drive Tweeters. Once your system is upgraded with these speakers, the moment you turn on the power you will be whisked away to a sound environment like you have never experienced before.

Transmitting emotion with sharp realism and rich reverberations, just like a fine musical instrument.
<table>
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<tr>
<th>Model</th>
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| **SW12X** | 12" Single Voice Coil Subwoofer | - Paper Composite Cone  
- Foam/Rubber Composite Surround  
- 4 Ohm Heat Resistant Voice Coil  
- Rear Ventilated Pole Piece  
- Dual Strontium Ferrite Magnet  
- Rubber Magnet Cover  
- Perfect for Compact-Designed Sealed/Vented Boxes  
- Aluminum Stamped Frame  
- 800W Maximum Music Power  
- Frequency Response: 20Hz-1.5kHz |
| **SW10X** | 10" Single Voice Coil Subwoofer | - Paper Composite Cone  
- Foam/Rubber Composite Surround  
- 4 Ohm Heat Resistant Voice Coil  
- Rear Ventilated Pole Piece  
- Large Strontium Ferrite Dual Magnet  
- Rubber Magnet Cover  
- For Small Sealed or Small Vented Design Maximum Power  
- Aluminum Stamped Frame  
- 650W Maximum Music Power  
- Frequency Response: 20Hz-1.5kHz |
| **PA12-S** | 12" Single Voice Coil Subwoofer | - Injected Polypropylene Titanium Coated Cone  
- Single 50mm Heat Resistant Voice Coil  
- Rear-Vented Pole Piece  
- Foam Rubber Surround  
- Large 40 oz Strontium Ferrite Magnet  
- Chrome Metal Basket  
- Suitable for sealed and vented installation  
- 650W Maximum Music Power |
| **SRW1285** | 12" Dual Voice Coil Subwoofer | - Paper Composite Cone  
- Foam/Rubber Composite Surround  
- Dual 4 Ohm Heat Resistant Voice Coil  
- Rear Ventilated Pole Piece  
- Dual Strontium Ferrite Dual Magnet  
- Rubber Magnet Cover  
- Perfect for Compact-Designed Sealed/Vented Boxes  
- 750W Maximum Music Power  
- Frequency Response: 20Hz-1.5kHz |
| **SRW1245** | 12" Single Voice Coil Subwoofer | - Paper Composite Cone  
- Foam/Rubber Composite Surround  
- 4 Ohm Heat Resistant Voice Coil  
- Rear Ventilated Pole Piece  
- Dual Strontium Ferrite Dual Magnet  
- Rubber Magnet Cover  
- Perfect for Compact-Designed Sealed/Vented Boxes  
- 750W Maximum Music Power  
- Frequency Response: 20Hz-1.5kHz |
| **SRW1085** | 10" Dual Voice Coil Subwoofer | - Paper Composite Cone  
- Foam/Rubber Composite Surround  
- 4 Ohm Heat Resistant Voice Coil  
- Rear Ventilated Pole Piece  
- Dual Strontium Ferrite Dual Magnet  
- Rubber Magnet Cover  
- Perfect for Compact-Designed Sealed/Vented Boxes  
- Aluminum Stamped Frame  
- 650W of Maximum Power  
- Frequency Response: 20Hz-1.5kHz |
| **SRW1045** | 10" Single Voice Coil Subwoofer | - Paper Composite Cone  
- Foam/Rubber Composite Surround  
- 4 Ohm Heat Resistant Voice Coil  
- Rear Ventilated Pole Piece  
- Large Strontium Ferrite Dual Magnet  
- Rubber Magnet Cover  
- Perfect for Compact-Designed Sealed/Vented Boxes  
- 650W of Maximum Power  
- Frequency Response: 20Hz-1.5kHz |
| **SRV303** | 8" Counter Drive Powered Subwoofer | - Powered Subwoofer  
- MIPP Cone Material  
- 120W MAX Output Power  
- Frequency Response: 30-200Hz  
- Sound Adjusting while Driving  
- The output center lets you easily adjust sound characteristics from the driver's seat. |
| **SRV202** | 8" Air Compression Powered Subwoofer | - Powered Subwoofer with 120W Amperage Rating  
- Inside the rubber type MDF enclosure is a 120W max. amplifier that supports a powerful sound driving experience. It drives the subwoofer system and delivers clear and strong bass sounds.  
- Equipped with RCA/speaker level inputs, this subwoofer can be easily integrated using existing speaker connections. |
| **PA10-S** | 10" Single Voice Coil Subwoofer | - Injected Polypropylene Titanium Coated Cone  
- Single 50mm Heat Resistant Voice Coil  
- Rear-Vented Pole Piece  
- Foam Rubber Surround  
- Large 40 oz Strontium Ferrite Magnet  
- Chrome Metal Basket  
- Suitable for sealed and vented installation  
- 600W Maximum Music Power |
| **PA15-S** | 15" Single Voice Coil Subwoofer | - Injected Polypropylene Titanium Coated Cone  
- Single 50mm Heat Resistant Voice Coil  
- Rear-Vented Pole Piece  
- Foam Rubber Surround  
- Large 40 oz Strontium Ferrite Magnet  
- Chrome Metal Basket  
- Suitable for sealed and vented installation  
- 600W Maximum Music Power |
In-Phase Coaxial Speakers

SRS1685
16cm WOOFER AND 2cm TWEETER WITH CROSSOVER
- 16cm Glass-Fibre Cone Woofer with Rubber Surround
- Powerful Strontium Magnet for Dynamic Bass Response
- 2cm Pure Silk Dome Tweeter with Dual-Neodymium Magnet
- 2-Way Mounting Tweeter Packing Angle Flush Mount/Surface Mounting
- High Grade - 124dB, 2-way Crossover Network with Level Attenuator 33 / 36dB
- Extremely High Frequency Reproduction:120kHz
- Fs: 75Hz / Qts: 1.00 / Vas: 5.0 Litres
- 200W Music Peak Power
- GM & CHRYSLER Adaptor Included
- Frequency Response: 28 ~ 120,000Hz
- Efficiency: 91dB

Custom Fit Speakers

SRR6985
15 x 23cm IN PHASE COAXIAL 2-WAY SPEAKERS
- 15 x 23cm Glass-Fibre Cone Woofer with Rubber Surround
- In-Phase Coaxial Design for Best Sound Quality and Imaging
- Powerful Strontium Magnet for Dynamic Bass Response
- 2.5cm Pure Silk Dome Tweeter with Neodymium Magnet
- Dome Tweeter with Dual-Neodymium Magnets
- Extremely High Frequency Reproduction:120kHz
- Fs: 45Hz / Qts: 0.1/ Vas: 43.0 Litres
- 280W Music Peak Power
- Frequency Response: 25 ~ 80,000Hz
- Efficiency: 92dB

SRC1773
CUSTOM FIT 16.5cm COAXIAL 2-WAY SPEAKERS
- 16.5cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Super Heat-Resistant Voice Coil and Polyimid Bobbin
- Butyl-Rubber Surround
- Custom Fit Adaptor Included
- Frequency Response: 28 ~ 80,000Hz
- Efficiency: 91dB

SRX1784
16.5cm IN-PHASE COAXIAL 2-WAY SPEAKERS
- 16.5cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Extremely High Frequency Reproduction: 120kHz
- Fs: 75Hz / Qts: 1.00 / Vas: 5.8 Litres
- 180W Music Peak Power
- GM & CHRYSLER Adaptor Included
- Frequency Response: 28 ~ 120,000Hz
- Efficiency: 90dB

SRC1373
CUSTOM FIT 13cm COAXIAL 2-WAY SPEAKERS
- 13cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Super Heat-Resistant Voice Coil and Polyimid Bobbin
- Butyl-Rubber Surround
- Custom Fit Adaptor Included
- Frequency Response: 40 ~ 80,000Hz
- Efficiency: 91dB

SRX1384
13cm IN-PHASE COAXIAL 2-WAY SPEAKERS
- 13cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Extremely High Frequency Reproduction: 120kHz
- Fs: 75Hz / Qts: 1.00 / Vas: 4.9 Litres
- 150W Music Peak Power
- Frequency Response: 35 ~ 80,000Hz
- Efficiency: 90dB

SRC4673
CUSTOM FIT 10 X 13cm COAXIAL 2-WAY SPEAKERS
- 10 x 13cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Super Heat-Resistant Voice Coil and Polyimid Bobbin
- Butyl-Rubber Surround
- Custom Fit Adaptor Included
- Frequency Response: 40 ~ 80,000Hz
- Efficiency: 91dB

SRX6984
15 x 23cm IN-PHASE COAXIAL 2-WAY SPEAKERS
- 15 x 23cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Extremely High Frequency Reproduction: 120kHz
- Fs: 45Hz / Qts: 0.54 / Vas: 94.7 Litres
- 200W Music Peak Power
- Frequency Response: 25 ~ 50,000Hz
- Efficiency: 92dB

SRC1074
CUSTOM FIT 10cm COAXIAL 2-WAY SPEAKERS
- 10cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Super Heat-Resistant Voice Coil and Polyimid Bobbin
- Butyl-Rubber Surround
- Custom Fit Adaptor Included
- Frequency Response: 40 ~ 80,000Hz
- Efficiency: 90dB

SRC1073
CUSTOM FIT 10cm COAXIAL 2-WAY SPEAKERS
- 10cm Glass-Fibre Cone Woofer
- 2cm Pure Silk Dome Tweeter with Neodymium Magnet
- Powerful Strontium Magnet
- Super Heat-Resistant Voice Coil and Polyimid Bobbin
- Butyl-Rubber Surround
- Custom Fit Adaptor Included
- Frequency Response: 40 ~ 80,000Hz
- Efficiency: 91dB

Dome Tweeter for Wide Sound Dispersion
- The soft dome tweeter diaphragms used in Clarion Sound Explore Series deliver a much wider and more detailed dispersion than conventional dome tweeters. These dome tweeters use pure silk-cloth diaphragms to achieve excellent dome-mice with the ability to reproduce highs of 80 kHz, as well as the responsiveness to recreate subtle nuances. The voice coils in the tweeters are wound around heat-resistant polyimide bobbins to handle high-powered input signals over prolonged periods of time — ideal for extended play of digital sources such as DVD.
4-way Component System

SCM400

4-WAY COMPONENT SPEAKER SYSTEM

- 16cm Black Powder Coated Kevlar Cone Woofer
- 12cm Black Powder Coated Kevlar Cone Mid Range
- 2cm Satin Silk Dome Tweeter with Neodymium Magnet
- Super Heat-Resistant Kapton Voice Coil
- Rubber Surround
- 3-Way Passive Crossover
- 180W Music Peak Power

3-way Component System

SCM300

3-WAY COMPONENT SPEAKER SYSTEM

- 16cm Black Powder Coated Kevlar Cone Woofer
- 12cm Black Powder Coated Kevlar Cone Mid Range
- 2cm Satin Silk Dome Tweeter with Neodymium Magnet
- Super Heat-Resistant Kapton Voice Coil
- Rubber Surround
- 3-Way Passive Crossover
- 180W Music Peak Power

Component Systems

SR1725
16.5cm 2-WAY COMPONENT SYSTEM

- 16.5cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- 2-Way Mounting Tweeter (Surface/Flush)
- Powerful Strontium Magnet for Dynamic Bass Response
- In-Line –6dB/oct. Crossover Network
- 180W Music Peak Power
- Frequency Response: 28~35,000Hz
- Efficiency: 91dB

SR1625
16cm 2-WAY COMPONENT SYSTEM

- 16cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- 2-Way Mounting Tweeter (Surface/Flush)
- Powerful Strontium Magnet for Dynamic Bass Response
- In-Line –6dB/oct. Crossover Network
- 180W Music Peak Power
- Frequency Response: 28~35,000Hz
- Efficiency: 91dB

SR1325
13cm 2-WAY COMPONENT SYSTEM

- 13cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- 2-Way Mounting Tweeter (Surface/Flush)
- Powerful Strontium Magnet for Dynamic Bass Response
- In-Line –6dB/oct. Crossover Network
- 180W Music Peak Power
- Frequency Response: 40~35,000Hz
- Efficiency: 90dB

Phase 1 Speakers

SR1725
16.5cm COAXIAL 3-WAY SPEAKERS

- 16.5cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 300W Music Peak Power
- Frequency Response: 28~30,000Hz
- Efficiency: 91dB

SR6935
15 × 23cm COAXIAL 2-WAY SPEAKERS

- 15 × 23cm Metallised MIPP Cone Woofer
- 6.6cm Metallised PEI Cone Mid-range & 1.6cm Dome Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 120W Music Peak Power
- Frequency Response: 28~30,000Hz
- Efficiency: 92dB

SR6915
15 × 23cm COAXIAL 2-WAY SPEAKERS

- 15 × 23cm Metallised MIPP Cone Woofer
- 6.6cm Metallised PEI Cone Mid-range & 1.6cm Dome Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 120W Music Peak Power
- Frequency Response: 28~30,000Hz
- Efficiency: 92dB
Phase 1 Speakers

**SRR1635**
16cm MULTIAXIAL 3-WAY SPEAKER
- 16cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 160W Music Peak Power
- GM & CHRYSLER Adaptor Included
- Frequency Response: 40~32,000Hz
- Efficiency: 91dB

**SRR1615**
16cm COAXIAL 2-WAY SPEAKER
- 16cm MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 156W Music Peak Power
- GM & CHRYSLER Adaptor Included
- Frequency Response: 30~32,000Hz
- Efficiency: 91dB

**SRR1027**
16cm COAXIAL 2-WAY SPEAKER
- 16cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 120W Music Peak Power
- Frequency Response: 40~32,000Hz
- Efficiency: 91dB

Custom Fit Speakers

**SRC5715**
13 x 10cm COAXIAL OEM SPEAKER
- Designed for Direct OEM Replacement
- 13 x 18cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 140W Music Peak Power
- Frequency Response: 35~30,000Hz
- Efficiency: 91dB

**SRC4615**
10 x 15cm COAXIAL OEM SPEAKER
- Designed for Direct OEM Replacement
- 10 x 15cm MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 100W Music Peak Power
- Frequency Response: 45~30,000Hz
- Efficiency: 91dB

**SRC925**
9cm COAXIAL OEM SPEAKER
- Designed for Direct OEM Replacement
- 9cm Metallised MIPP Cone Woofer
- 2.5cm Metallised PEI Balanced-Drive Tweeter
- Powerful Strontium Magnet for Dynamic Bass Response
- 60W Music Peak Power
- Frequency Response: 60~30,000Hz
- Efficiency: 89dB

**SRH205**
2cm TWEETER
- 2cm Metallised PEI Balanced-Drive Tweeter
- Powerful Neodymium Magnet
- Frequency Response: 2,000~20,000Hz
- Efficiency: 89dB