

MARINE SPEAKERS



CMSW10.1
10" Water-Resistant Marine Subwoofer

Input MAX 350W
CEA-2031 Speaker Rating
Maximum RMS Power: 35 watts
Impedance: 4 ohms



CMCS7.1
7" 2-way Water-Resistant Component Speaker System

CEA-2031 Speaker Rating
Maximum RMS Power: 35 watts
Impedance: 4 ohms



CM1635
6 1/2" 2-way Water-Resistant Component Speaker System

CEA-2031 Speaker Rating
Maximum RMS Power: 35 watts
Impedance: 4 ohms



CM1625
6 1/2" Coaxial 2-way Water Resistant Speaker

CEA-2031 Speaker Rating
Maximum RMS Power: 35 watts
Impedance: 4 ohms



CMCX7.1
7" Coaxial 2-way Water Resistant Speaker

CEA-2031 Speaker Rating
Maximum RMS Power: 35 watts
Impedance: 4 ohms

FEATURES & SPECIFICATIONS	CMCS7.1	CM1635	CM1625	CMCX7.1	CMSW10.1
Maximum Music Power (Watts)	160	130	100	160	350
Mica-Injection Polypropylene Woofer Cone (inch)	7	6-1/2	6-1/2	7	10
Sanoprene Rubber Surround	•	•	•	•	•
Titanium Coated Dome Tweeter	1-1/4	1	3/4	1-1/4	—
Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329)	•	•	•	•	•
High Impact Centrex 814 Grille / Frame	•	•	•	•	•
Liquid Drainage System	•	•	•	•	•
Rubber Insulated Tinsel Leads	•	•	•	•	•
Gold Plated Speaker Terminals	•	•	•	•	•
Stainless Steel Mounting Hardware	•	•	•	•	•
Rubber Mounting Gasket	•	•	•	•	•

MARINE AMPLIFIERS

FEATURES & SPECIFICATIONS	APX490M	APX290M
Maximum Music Power (Watts)	720	360
4 Ohms	90W x 4	90W x 2
2 Ohms	165W x 4	150W x 2
Variable Bass Extender; 0 - 15dB @ 45Hz	•	•
Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz - 550Hz (Rear 55 - 550Hz, 550Hz - 5.5kHz)	•	•
Mixed Mode Operation	•	•
Conformal Coated Double Sided PCB	•	•
Non-Corrosive Aluminum Heat Sink	•	•
Dimensions (W x L x H)(inch)	15-1/4 x 9-1/8 x 2-1/4	10-1/2 x 9-1/8 x 2-1/4

APX490M
Marine 720W 4/3/2 Channel Power Amplifier

4/3/2 ch Power AMP
LPA/HPP
BASS Extender
MAX 720W

CEA 2006 Power Ratings
110W x 4 RMS [4Q @ 14.4V ±1% THD+N]
S/N 97dB (Ref: 1W into 4Q)



APX290M
Marine 360W 2/1 Channel Power Amplifier

2/1 ch Power AMP
LPA/HPP
BASS Extender
MAX 360W

CEA 2006 Power Ratings
100W x 2 RMS [4Q @ 14.4V ±1% THD+N]
S/N 95dB (Ref: 1W into 4Q)



MARINE CD CHANGER



DCZ625
6-disc CD CeNET Changer

- CeNET Controlled • Digital Optical Output • CD Text • CD-R/RW Ready • -15° to 105° Mounting Angle
- 8x Over Sampling Digital Filter • Zero Bit Detector Mute Circuit • Spring Loaded Silicon Oil Dampened Suspension • Dual 1-bit D/A Converters • 3-Beam Laser System • Eject Capability While Ignition Off
- Dimensions: 9" (W) x 2-1/2" (H) x 6-5/8" (D)

MARINE POWERED SUBWOOFER

SRV314

Slim Design 6-3/4" Powered Subwoofer

- Dual-Voice coil • 120 W high power amplifier with Low Pass Filter • MaxxBass circuit for virtual bass enhancer • 6-3/4" counter drive woofer with dual-neodymium magnet • Air compression structure with aluminum die-cast enclosure
- Remote control for gain control /Low-Pass Filter (selectable 50/75/100/120 Hz)/phase select • Blue LED power indicator
- RCA line level input/Speaker level input
- **MaxxBass is a patent of KS-Waves. MaxxBass is a registered trademark of KS-Waves.

MIPP Power
NesMas
Counter Drive
Air Compression
Dual Voice Coil
WIRED Remote Control
MAX 120W

CEA 2006 Power Ratings
28W x 2RMS [2Q @ 14.4V ±1% THD+N]
S/N 65dB (Ref: 1W into 4Q)



Stick wired remote control



<Specification>

- Speaker type: 6-3/4" counter drive powered subwoofer • Unit used: 6-3/4" MIPP cone woofer (Dual Voice coil) • Rated output: 60W (30W+30W)
- Max power output: 120W (60W+60W) • Playback frequency range: 30 to 200Hz • Cut-off frequency: 50Hz/75Hz/100Hz/120Hz • Input sensitivity: RCA input 20mV to 2V, Speaker input 0.2V to 20V • Power source voltage: DC14.4V • Ground: Negative • Current consumption: 7.0A • External dimensions: [Main unit] 12-1/4" (W) x 2-5/8" (H) x 8-1/4" (D) [Remote control unit] 3-15/16" (W) x 1-1/8" (H) x 1" (D) • Weight: [Body] 2.0Kg [Remote control] 220g

AMPLIFIERS
SUBWOOFERS

The Sophisticated Side of Raw Power

Advanced design techniques and high quality materials have been combined for the sole purpose of bringing earth-shaking bass performance into your car. Feel the bass, boost your drive.

AMPLIFIER SERIES

DPX Series



Class GH amplifiers deliver the efficiency of a Class D amplifier with sound quality of an AB design.

APX Illumination Series



High-powered performance Class AB amplifiers that appeal to your ears and eyes with dynamic illumination.

APX Series

Mono and multi-channel amplifiers that make it easy to equip any system with thundering Sound.

SUBWOOFER SERIES

PXW Series



High-performance materials and advanced design deliver extreme bass and exquisite looks.

SRW Series



Step-up series providing an easy solution for those who want to ramp-up their bass performance.

SW Series

Developed especially to deliver big bass performance in your car with a relatively small investment.

DYNAMIC AMPLIFIERS



Bring to Life The True Power of Your Music. Clarion Offers A Variety of Amplifiers to Satisfy Different Needs — DPX Series for The Ultimate Quality, APX Illumination Series for Hot Performance and Cool Looks, and APX Series to Integrate into A Wide Range of Systems.

APX SERIES

CLASS GH AMPLIFIERS

- ✓ High quality and efficiency with Class G/H technology
- ✓ Precise Frequency Selector

DPX11551

1550W Mono Power Amplifier



DPX1851

850W Mono Power Amplifier



DPX2251

650W 2/1 Channel Power Amplifier



FEATURES & SPECIFICATIONS	DPX11551	DPX1851	DPX2251
Maximum Power Output (Watts)	1550	850	650
4-Ohm	850w x 1	460w x 1	180w x 2
2-Ohm	1550w x 1	850w x 1	300w x 2
bridged@ 4-Ohm	—	—	600w x 1
Input Voltage Sensing	•	•	•
Precise Frequency Selector -24dB / Oct. Low Pass Crossover, 30-230Hz	•	•	—
Precise Frequency Selector -12dB / Oct. High/Low Pass Crossover, 50Hz - 575Hz, 525Hz - 5.8kHz	—	—	•
Adjustable Subsonic Filter, 10-80Hz	•	•	—
Number of Channels	1	1	2/1
MOS-FET Power Supply	•	•	•
2-Ohm Stable	•	•	•
2-Ohm Mono Stable	•	•	—
Variable Bass Boost: 0-15dB @ 30-120Hz	•	•	—
Variable Bass Boost: 0-15dB @ 45Hz	—	—	•
Gold Plated Connectors; RCA/ Speaker/ Power	•	•	•
Speaker Level Input	•	•	•
Dimensions (W" x L" x H")	16-3/4 x10-1/8 x2-3/8	13-5/8 x10-1/8 x2-3/8	12-1/4 x10-1/8 x2-3/8

APX Illumination SERIES

CLASS AB AMPLIFIERS

- ✓ High Maximum Music Power
- ✓ Mixed-Mode Operation



APX4361

680W 4/3/2 Channel Power Amplifier



CEA 2006 Power Ratings
100W x 4 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 86dB (Ref: 1W into 4Ω)



APX2181

340W 2/1 Channel Power Amplifier



CEA 2006 Power Ratings
95W x 2 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 86dB (Ref: 1W into 4Ω)

APX4361	APX2181	APX1301	APX4241	APX2121	FEATURES & SPECIFICATIONS
680	340	420	400	200	Maximum Power Output (Watts)
90w x 4	90w x 2	300w x 1	60w x 4	60w x 2	4-Ohm
160w x 4	150w x 2	400w x 1	80w x 4	80w x 2	2-Ohm
320w x 2	300w x 1	—	—	—	Bridged @ 4-Ohm
•	•	—	—	—	Mixed Mode Operation
•	•	—	—	—	Input Voltage Sensing
•	•	—	—	—	Precise Frequency Control
4/3/2	2/1	1	4/3/2	2/1	Number of Channels
•	•	•	•	•	MOS-FET Power Supply
•	•	•	•	•	2-Ohm Stable
—	—	•	—	—	2-Ohm Mono Stable
•	•	—	—	—	Variable Bass Boost; 0-15dB @ 45Hz
—	—	•	•	•	Selectable Bass Boost; 0/6/12dB @ 50Hz
•	—	—	—	—	Independent Front / Rear Adjustable -12db/Oct. High/Low Pass Crossovers, 55Hz-600Hz or 530Hz-5.8kHz with the Crossover Frequency Multiplier
—	•	—	—	—	Adjustable -12db/Oct. High/Low Pass Crossovers, 55Hz-600Hz or 530Hz-5.8kHz with the Crossover Frequency Multiplier
—	—	—	•	—	Independent Front / Rear Adjustable -12db/Oct. High/Low Pass Crossover, 50-300Hz
—	—	—	—	•	Adjustable -12db/Oct. High/Low Pass Crossover, 50-300Hz
•	•	•	•	•	Adjustable Low Pass Crossover @ 30-300Hz
•	•	•	•	•	Gold Plated Connectors; RCA/ Speaker/ Power
•	•	•	•	•	Speaker Level Input
12-1/4 x10-1/8 x2-3/8	10 x10-1/8 x2-3/8	11-7/8 x11 x2-1/4	11-7/8 x11 x2-1/4	7-7/8 x11 x2-1/4	Dimensions (W" x L" x H")

APX SERIES

CLASS AB AMPLIFIERS

- ✓ High Maximum Music Power
- ✓ Selectable Bass Boost



APX1301

420W Mono Power Amplifier



CEA 2006 Power Ratings
320W x 1 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 70dB (Ref: 1W into 4Ω)



APX4241

400W 4/3/2 Channel Power Amplifier



CEA 2006 Power Ratings
80W x 4 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 75dB (Ref: 1W into 4Ω)



APX2121

200W 2/1 Channel Power Amplifier



CEA 2006 Power Ratings
80W x 2 RMS (4Ω @ 14.4V ≤1% THD+N)
S/N 72dB (Ref: 1W into 4Ω)



Performance and Value Exceeding Expectations.
Clarion's SW Series Subwoofers
Deliver Big Bass Presence with
A Relatively Small Investment.



SW1051 600W MAX.
10" Single 4-ohm Voice Coil
Subwoofer



CEA-2031 Speaker Rating
 Maximum RMS Power: 300 watts
 Impedance: 4 ohms



SUBWOOFERS

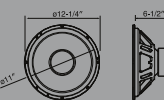
- ✓ Fiber Glass/Paper Cone Design
- ✓ Dual Strontium Ferrite Magnets
- ✓ Spider Exhaust Technology Cooling
- ✓ Nitrile Butadiene Rubber High Excursion Surround



SW1251 700W MAX.
12" Single 4-ohm Voice Coil
Subwoofer



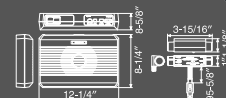
CEA-2031 Speaker Rating
 Maximum RMS Power: 350 watts
 Impedance: 4 ohms



SRV314 120W MAX.
Slim Design 6-3/4" Powered Subwoofer



CEA 2006 Power Ratings
 28W x 2RMS [20@14.4Vst%THD+N]
 S/N 65dB (Ref. 1W/104Z)



Stick Wired Remote Control

- <Specification>**
- Dual-voice Coil
 - 120 W High Power Amplifier with Low Pass Filter
 - MaxxBass Circuit for Virtual Bass Enhancer
 - 6-3/4" Counter Drive Woofer with Dual-neodymium Magnet
 - Air Compression Structure with Aluminum Die-cast Enclosure
 - Remote Control For Gain Control / Low-pass Filter (Selectable 50/75/100/120 Hz)/phase Select
 - Blue LED Power Indicator
 - RCA Line Level Input/speaker Level Input
- **Speaker type:** 6-3/4" counter drive powered subwoofer
 • **Unit used:** 6-3/4" MIPP cone woofer (Dual Voice coil)
 • **Rated output:** 60W (30W+30W)
 • **Max power output:** 120W (60W+60W)
 • **Playback frequency range:** 30 to 200Hz
 • **Cut-off frequency:** 50Hz/75Hz/100Hz/120Hz
 • **Input sensitivity:** RCA input 20mV to 2V, Speaker input 0.2V to 20V
 • **Power source voltage:** DC14.4V
 • **Ground:** Negative
 • **Current consumption:** 7.0A
 • **External dimensions:**
 [Main unit] 12-1/4" (W) x 2-5/8" (H) x 8-1/4" (D)
 [Remote control Unit]
 3-15/16" (W) x 1-1/8" (H) x 1" (D)
 • **Weight:** [Body] 2.0Kg [Remote control] 220g
- **"MaxxBass" is a patent of KS-Waves. "MaxxBass" is a registered trademark of KS-Waves.

FEATURES & SPECIFICATIONS	SW1251	SW1051
Maximum Music Power (Watts)	700	600
Continuous Power Handling (Watts)	350	300
Single 4 Ohm Heat Resistant Voice Coil	•	•
Polypropylene Electronic Spun Aluminum Dust Cap	•	•
Fiber Glass / Paper Cone Design	•	•
Nitrile Butadiene Rubber High Excursion Surround	•	•
Dual Strontium Ferrite Magnets	•	•
Hyper Extended Vented Pole Piece	•	•
S.E.T.(Spider Exhaust Technology) Cooling	•	•
Dual Gold Plated Terminal Blocks	•	•
Linear Cotton Spider with Integrated Tinsel leads	•	•
Custom Stamped Steel Powder Coated Chassis	•	•
Frequency Response (Hz)	30-1k	32-1k
Efficiency (dB/W/m)	90	88
Basket Type	Stamped Steel	Stamped Steel
Number of Voice Coils	1	1
Impedance (Ohm)	4	4
Outside Dimension (Inch)	12-1/4	10-3/8
Cut Out Size (Inch)	11-5/16	9-5/16
Mounting Depth (Inch)	6-1/2	5-13/16
Enclosure Size (ft)	0.9	0.5

SPEAKERS

The Sounds and Sensations of Pure Excellence

Sound to please the ear and design to catch the eye.

Clarion's full line of speakers will let you customize your car's soundscape with the exact specs and looks you need.

ULTRA Series



Harnessing the highest grade materials for high power handling, superior response, and stately looks.



PLATINUM Series

Separate woofers and tweeters that let you choose the exact solution for your car audio upgrading needs.

QUALITY Series



Multiaxial speakers combining design and performance to faithfully reproduce the full spectrum of sound.

GOOD Series



The easiest way to pursue better sound and upgrade from the standard factory system in your car.



SPEAKERS

ULTRA SERIES

Experience The Ultimate in Sound. Clarion's Ultra Series Speakers Use The Highest Grade Materials for The Perfect Combination of High Power Handling, Superior Response, and Stately Looks.

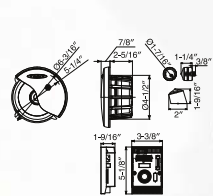
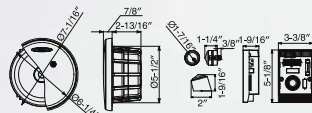
PLATINUM SERIES

Flexible Solutions for Your Sound Environment. Clarion's Platinum Series Separate Woofers and Tweeters Let You Choose The Exact Solution for Your Audio Needs.



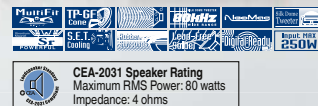
SRU1720M 350W Max. 6-3/4" / 6"x8" MultiFit Speaker System

- Wide frequency range: 25-80,000 Hz
- 1" TP-Silk Dome Tweeter with Neodymium Magnet



SRU1320M 250W Max. 5-1/4" / 5"x7" MultiFit Speaker System

- Wide frequency range: 35-80,000 Hz
- 1" TP-Silk Dome Tweeter with Neodymium Magnet



SRU310H 300W Max. 1" Dome Tweeter

- 1" TP-Silk Dome Tweeter with Neodymium Magnet
- Flush/Surface Mounting



MultiFit

MultiFit construction allows the tweeter and woofer to be separated during installation. This allows the user the ability to install the speakers in the most focally-correct location for specific vehicles.



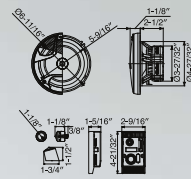
Spider Exhaust Technology Cooling

Heat is the number one enemy of speakers. All of Clarion's Ultra and Platinum woofer drivers feature S.E.T. (Spider Exhaust Technology) Cooling, to allow hot air to escape the speaker's internal motor assembly via computer designed porting.



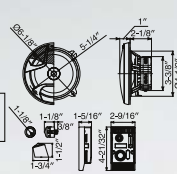
SRP1620M 250W Max. 6-1/2" / 6"x8" MultiFit Speaker System

- Glass-Fiber Cone Woofer with Strontium Magnet
- 3/4" Pure Silk Dome Tweeter with Neodymium Magnet



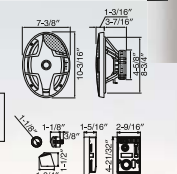
SRP1320M 220W Max. 5-1/4" / 5"x7" MultiFit Speaker System

- Glass-Fiber Cone Woofer with Strontium Magnet
- 3/4" Pure Silk Dome Tweeter with Neodymium Magnet



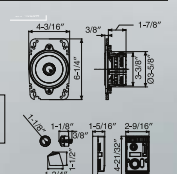
SRP6920M 450W Max. 6"x9" MultiFit Speaker System

- Glass-Fiber Cone Woofer with Strontium Magnet
- 1" Pure Silk Dome Tweeter with Neodymium Magnet



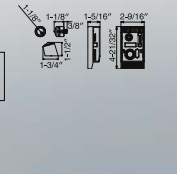
SRP4620M 150W Max. 4" / 4"x6" MultiFit Speaker System

- Glass-Fiber Cone Woofer with Strontium Magnet
- 3/4" Pure Silk Dome Tweeter with Neodymium Magnet



SRP310H 250W Max. 1" Dome Tweeter

- 1" Pure Silk Dome Tweeter with Neodymium Magnet
- Flush/Surface Mounting



FEATURES & SPECIFICATIONS	SRU1720M	SRU1320M	SRU310H
Maximum Music Power (Watts)	350	250	300
MultiFit Speaker System Design	•	•	—
TP-GF Cone Woofer with Rubber Surround (inch)	6-3/4	5-1/4	—
1" TP-Silk Dome Tweeter with Neodymium Magnet	•	•	•
2-Way Mounting Tweeter (Flush Mounting/Surface Mounting)	•	•	•
High Grade -12dB/oct 2 way Crossover Network with Level Attenuator (dB)	0,-3	0,-3	0,-3,-6
Extremely High Frequency Reproduction/80kHz	•	•	•
Aluminum Die-Cast Frame for Higher Power Handling and Reduced Distortion	•	•	—
S.E.T.(Spider Exhaust Technology) Cooling	•	•	—
Grille & Mesh Included	•	•	—
Powerful Strontium Magnet for Dynamic Bass Response	•	•	—
GM Fit Basket Design/6"x8" FORD Adaptor Included	•	—	—
5"x7" FORD/CHRYSLER/TOYOTA Adaptor Included	—	•	—
Efficiency (dB/W/m)	89	88	90
Frequency Response (Hz)	25-80k	35-80k	2k-80k
Mounting Depth (mm)	71.5	58.5	—
Mounting Depth (inch)	2-13/16	2-5/16	—

SRP1620M	SRP1320M	SRP6920M	SRP4620M	SRP310H	FEATURES & SPECIFICATIONS
250	220	450	150	250	Maximum Music Power (Watts)
•	•	•	•	•	MultiFit Speaker System Design
6-1/2	5-1/4	6 x9	4	—	Glass-Fiber Cone Woofer with Rubber Surround (inch)
3/4	3/4	1	3/4	1	Pure Silk Dome Tweeter with Neodymium Magnet (inch)
•	•	•	•	•	2-Way Mounting Tweeter (Flush Mounting/Surface Mounting)
0,-3	0,-3	0,-3	0,-3	0,-3,-6	High Grade -12dB/oct 2way Crossover Network with Level Attenuator (dB)
•	•	•	•	•	Extremely High Frequency Reproduction/50kHz
•	•	•	•	•	Aluminum Die-Cast Frame for Higher Power Handling and Reduced Distortion
•	•	•	•	•	S.E.T.(Spider Exhaust Technology) Cooling
•	•	•	•	•	Grille & Mesh Included
•	•	•	•	•	Powerful Strontium Magnet for Dynamic Bass Response
•	•	•	•	•	GM Fit Basket Design/ CHRYSLER Adaptor Included/6"x8" FORD Adaptor Included
—	•	—	—	—	5"x7" FORD/CHRYSLER/ TOYOTA Adaptor Included
—	—	—	•	—	4"x6" OEM Replacement Adaptor Included
90	89	92	88	90	Efficiency (dB/W/m)
25-50k	40-50k	25-50k	40-50k	2k-50k	Frequency Response (Hz)
64	54	86.5	46	—	Mounting Depth (mm)
2-1/2	2-1/8	3-7/16	1-7/8	—	Mounting Depth (inch)

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