



HIGH PERFORMANCE CAR AUDIO

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PRODUCT
GUIDE



NEW 2013 ORION COBALT AMPLIFIERS

The new **Cobalt** amplifiers are coming to change the complete vision of the car audio market. They offer more power, more quality and a much better price than any of their close competitors. Come and enjoy the **Cobalt** Series that Orion Car Audio has created for you for the year 2013.

Orion **Cobalt** is presenting its new look and extended 16 line amplifiers which includes: three (2) channels, two mono-channel Class AB, four amplifiers of (4) channels, two of (5) channels amplifiers and five Class D amplifiers for subwoofers. This new line will cover not only a wide variety but also the satisfaction of everyone; from the end consumer to our dealers and distributors. The new **Cobalt** amplifiers handle power ratings starting from the 300 watts up to a very powerful Class D for woofers capable to handle 5000 watts @ 1 ohm. Quality, power and pricing have been all put together to create the most efficient amplifier dollar per watt that the industry has ever seen, showing the power that has always characterized and defined Orion Car Audio.

TWO CHANNEL

POWER DESCRIPTION	CO300.2	CO600.2	CO2700.2
RMS WATTS @ 4 OHM STEREO 14.4V	60 X 2	110 X 2	450 X 2
RMS WATTS @ 2 OHM STEREO 14.4V	80 X 2	160 X 2	675 X 2
RMS WATTS @ 4 OHM BRIDGE 14.4V	160	320	1350
WATTS NOMINAL	300	600	2700

CLASS AB MONOCHANNEL STABLE 2 OHM

POWER DESCRIPTION	CO700.1M2	CO1100.1M2
RMS WATTS @ 4 OHM MONO 14.4V	250	375
RMS WATTS @ 2 OHM MONO 14.4V	400	550
WATTS NOMINAL	700	1100

FOUR CHANNEL

POWER DESCRIPTION	CO600.4	CO1000.4	CO1500.4	CO2000.4	CO3400.4
RMS WATTS @ 4 OHM STEREO 14.4V	60 X 4	80 X 4	115 X 4	150 X 4	285 X 4
RMS WATTS @ 2 OHM STEREO 14.4V	80 X 4	120 X 4	185 X 4	250 X 4	425 X 4
RMS WATTS @ 4 OHM BRIDGE 14.4V	160 X 2	240 X 2	375 X 2	500 X 2	850 X 2
WATTS NOMINAL	600	1000	1500	2000	3400

FIVE CHANNEL

POWER DESCRIPTION	CO1500.5	CO2700.5
RMS WATTS @ 4 OHM STEREO 14.4V	75 X 4	100 X 4
RMS WATTS @ 2 OHM STEREO 14.4V	100 X 4	160 X 4
RMS WATTS @ 4 OHM BRIDGE 14.4V	200 X 2	320 X 2
5TH CHANNEL POWER DESCRIPTION AND OPERATION		
RMS WATTS @ 4 OHM MONO 14.4V	200	250
RMS WATTS @ 2 OHM MONO 14.4V	375	375
RMS WATTS @ 1 OHM MONO 14.4V		700
CLASS D SECTION WATTS NOMINAL	700	1400
TOTAL AMPLIFIER WATTS NOMINAL WATTS NOMINAL	1500	2700

CLASS D MONOCHANNEL

POWER DESCRIPTION	CO1200.1D	CO2400.1D	CO2400.1D2	CO3200.1D	CO5000.1D
RMS WATTS @ 4 OHM MONO 14.4V	200	400	600	700	1200
RMS WATTS @ 2 OHM MONO 14.4V	300	800	1200	1100	1800
RMS WATTS @ 1 OHM MONO 14.4V	600	1200		1600	2500
WATTS NOMINAL	1200	2400	2400	3200	5000



NEW 2013 ORION COBALT WOOFERS

The new woofers come with a series of improvements to the benefit of the consumer: more efficiency, better power and a much better sound quality. Some of the changes made to the new innovative woofers include: a change of the surround, the increase of the travelling excursion, a much better low frequency response and, a new and innovative voice coil that allows a much better control of temperature. We can proudly say that being an entry level woofer, it is the only one in the industry to offer it; making the real power of it totally effective. We have also added the Dual Voice Coils series (DVC) that extends the possibilities and options of the product installation. For the new car audio market enthusiast, **Cobalt** offers the best sound and the highest quality in its level.

COBALT ORION WOOFERS

POWER DESCRIPTION	CO104S	CO104D	CO124S	CO124D	CO154S	CO154D
RMS POWER WATTS	350	400	350	400	550	600
NOMINAL POWER WATTS	700	800	700	800	1100	1200
MAX MUSIC POWER WATTS	1400	1600	1400	1600	2200	2400
IMPEDANCE	4	4+4	4	4+4	4	4+4
VOICE COIL	SVC	DVC	SVC	DVC	SVC	DVC





NEW 2013 ORION COBALT MIDRANGES AND BULLET TWEETERS

Orion Car Audio, in its **Cobalt** series, incorporates a new extensive range of mids 6, 8, and 10 inches to the market as well as a variety of models for bullet tweeters of its own unique design. These new designs allow **Cobalt** to join the fast growing and demanding market of high efficiency, that is invading the world of car audio these days.

The **Cobalt** Midranges were made with the best and most efficient technology. Tested in our laboratories and most important, in street cars; they offer the best price in the market.

The **Cobalt** Bullet Tweeter, also with its own design, sets us apart from the rest of the common market. They offer a very refined and strong look to the consumer who is eager to show and feel the power of the Orion Car Audio in their automobile and anyone that dares to compare it.

Discover the world of Orion!

CM SERIES

COBALT PRICE VALUE SUPER EFFICIENT MIDRANGE AND QUALITY

POWER DESCRIPTION	CM64	CM84	CM104
SIZE	6.5"	8.0"	10"
RMS POWER WATTS	150	250	275
NOMINAL POWER WATTS	300	500	550
MAX MUSIC POWER WATTS	600	1000	1100
IMPEDANCE	4Ω	4Ω	4Ω
VOICE COIL	1.5"	1.5"	2.0"
EFFICIENCY	96.5	96.8	98
SOLD IN	PAIRS W /GRILLS	PAIRS W /GRILLS	PC W /GRILL

CSB SERIES

COBALT SEALED BASKET MID / MID HIGH SPEAKERS / ULTRA EFFICIENT

POWER DESCRIPTION	CSB64	CSB84
SIZE	6.5"	8.0"
RMS POWER WATTS	250	280
NOMINAL POWER WATTS	500	560
MAX MUSIC POWER WATTS	1000	1120
IMPEDANCE	4Ω	4Ω
VOICE COIL	1.5"	1.5"
EFFICIENCY	99.3	100.7
SOLD IN	PAIRS W /GRILLS	PAIRS W /GRILLS

TWEETER

COBALT BULLET TWEETER

	RMS POWER	NOMINAL POWER	MAX POWER	VOICE COIL TYPE	VOICE COIL SIZE	EFFICIENCY
CTW101	50	100	200	CCAW	1"	99dB
CTW125	50	100	200	CCAW	1"	98.7dB
CTW150	65	130	260	CCAW	1"	102dB
CTW200	65	130	260	CCAW	1"	104dB
CTW400	75	150	300	CCAW	1"	110dB
CTW500	130	160	520	CCAW	1.75"	104dB
CTW600	100	200	400	SV	1.82"	104dB
CTW700	130	260	520	CCAW	1.75"	106dB
CTW800	145	290	580	CCAW	2.85"	109dB
CTW880H	130	260	520	CCAW	1.75"	112dB



ORION COBALT COAXIALS

POWER DESCRIPTION	CO40	CO46	CO52	CO57	CO60
SIZE	4"	4X6"	5.25"	5X7"	6.0"
TYPE	2 WAY	2 WAY	2 WAY	2 WAY	2 WAY
RMS POWER WATTS	35	35	50	50	50
NOMINAL POWER WATTS	70	70	100	100	100
MAX MUSIC POWER WATTS	200	200	250	250	250
IMPEDANCE	4	4	4	4	4

The new **Cobalt** Coaxials increase the range of speaker models covering the mayor part of the vehicle market. The complete line range has been improved in power, in sound quality, in efficiency and most important the best price taking in consideration the quality offered. This is another proof of the same; **Cobalt** is the best option in the market, unrivaled.


ORION COBALT COAXIALS

POWER DESCRIPTION	CO65	CO653	CO68	CO69	CO693
SIZE	6.5"	6.5"	6X8"	6X9"	6X9"
TYPE	2 WAY	3 WAY	2 WAY	2 WAY	3 WAY
RMS POWER WATTS	50	60	50	70	80
NOMINAL POWER WATTS	100	120	100	140	160
MAX MUSIC POWER WATTS	250	300	250	350	400
IMPEDANCE	4	4	4	4	4

ORION COBALT COMPONENT KIT W / CROSSOVER

POWER DESCRIPTION	CO525C	CO652C
SIZE	5.25	6.5"
RMS POWER WATTS	50	70
NOMINAL POWER WATTS	100	140
MAX MUSIC POWER WATTS	250	350
IMPEDANCE	4	4

Cobalt presents a new series of Power Cables, RCA Cables, Speaker Cables and Installation Accessories such as, distribution blocks, fuse holders, and others that will be of the best quality for an incredible price. All of it was engineered to provide the installer with a peace of mind at installation time.

POWER WIRE

PW050BL	COBALT ORION WIRE 0 GAUGE 50 FTS BLUE SOFT RUBBER JACKET
PW050R	COBALT ORION WIRE 0 GAUGE 50 FTS RED SOFT RUBBER JACKET
PW050DB	COBALT ORION WIRE 0 GAUGE 50 FTS BLACK SOFT RUBBER JACKET
PW4100BL	COBALT ORION WIRE 4 GAUGE 100 FTS BLUE SOFT RUBBER JACKET
PW4100R	COBALT ORION WIRE 4 GAUGE 100 FTS RED SOFT RUBBER JACKET
PW4100P	COBALT ORION WIRE 4 GAUGE 100 FTS TRANSLUCENT SOFT RUBBER JACKET
PW4100DB	COBALT ORION WIRE 4 GAUGE 100 FTS BLACK SOFT RUBBER JACKET
PW8250BL	COBALT ORION WIRE 8 GAUGE 250 FTS BLUE SOFT RUBBER JACKET
PW8250R	COBALT ORION WIRE 8 GAUGE 250 FTS RED SOFT RUBBER JACKET
PW8250P	COBALT ORION WIRE 8 GAUGE 250 FTS TRANSLUCENT SOFT RUBBER JACKET
PW8250DB	COBALT ORION WIRE 8 GAUGE 250 FTS BLACK SOFT RUBBER JACKET



SPEAKER WIRE

S10300PB	COBALT ORION SPEAKER WIRE 2X10 GAUGE BLUE AND CLEAR 300 FT ROLL SOFT RUBBER JACKET
S12300PB	COBALT ORION SPEAKER WIRE 2X12 GAUGE BLUE AND CLEAR 300 FT ROLL SOFT RUBBER JACKET
S14400PB	COBALT ORION SPEAKER WIRE 2X14 GAUGE BLUE AND CLEAR 400 FT ROLL SOFT RUBBER JACKET
S161000PB	COBALT ORION SPEAKER WIRE 2X16 GAUGE BLUE AND CLEAR 1000 FT ROLL SOFT RUBBER JACKET
S181000PB	COBALT ORION SPEAKER WIRE 2X18 GAUGE BLUE AND CLEAR 1000 FT ROLL SOFT RUBBER JACKET

COMPLETE AMPLIFIER KIT

COKIT0	COBALT ORION COMPLETE AMPLIFIER KIT 0 GAUGE SOFT RUBBER
COKIT2	COBALT ORION COMPLETE AMPLIFIER KIT 2 GAUGE SOFT RUBBER
COKIT4	COBALT ORION COMPLETE AMPLIFIER KIT 4 GAUGE SOFT RUBBER
COKIT8	COBALT ORION COMPLETE AMPLIFIER KIT 8 GAUGE SOFT RUBBER

RCA WIRES

CR0.5B	COBALT ORION RCA BLUE 0.5 METER / 1.8FT BLUE AND GREY ANGLE/STRAIGHT TERMINAL
CR1.0B	COBALT ORION RCA BLUE 1.0 METER / 3.27 FT BLUE AND GREY ANGLE/STRAIGHT TERMINAL
CR2.0B	COBALT ORION RCA BLUE 2.0 METER / 6.55 FT BLUE AND GREY ANGLE/STRAIGHT TERMINAL
CR3.0B	COBALT ORION RCA BLUE 3.0 METER / 9.83 FT BLUE AND GREY ANGLE/STRAIGHT TERMINAL
CR4.0B	COBALT ORION RCA BLUE 4.0 METER / 13.10 FT BLUE AND GREY ANGLE/STRAIGHT TERMINAL
CR5.0B	COBALT ORION RCA BLUE 5.0 METER / 16.39 FT BLUE AND GREY ANGLE/STRAIGHT TERMINAL
CR6.0B	COBALT ORION RCA BLUE 6.0 METER / 19.67 FT BLUE AND GREY ANGLE/STRAIGHT TERMINAL
CRY2M	COBALT ORION RCA Y ADAPTER 1 FOOT 2 MALE 1 FEMALE (PAIR 2 PCS)
CRY2F	COBALT ORION RCA Y ADAPTER 1 FOOT 2 FEMALE 1 MALE (PAIR TWO PCS)

ACCESSORIES INSTALLATION ACCESSORIES

FUSE HOLDERS

FHMF100	MINI ANL FUSE HOLDER 4/8 GAUGE IN/OUT WITH ADAPTOR AND 100A FUSE INCLUDED NICKEL FINISH
FHMF80	MINI ANL FUSE HOLDER 4/8 GAUGE IN/OUT WITH ADAPTOR AND 80A FUSE INCLUDED NICKEL FINISH
DBF1424	MINI ANL POWER DISTRIBUTION BLOCK ONE 4/8 IN AND TWO 4/8 GAUGE OUPUT NICKEL FINISH
DBF1434	MINI ANL POWER DISTRIBUTION BLOCK ONE 4/8 IN AND THREE 4/8 GAUGE OUPUT NICKEL FINISH
DBF1444	MINI ANL POWER DISTRIBUTION BLOCK ONE 4/8 IN AND FOUR 4/8 GAUGE OUPUT NICKEL FINISH

POWER GROUND DIST BLOCK

DB1248	DISTRIBUTION BLOCK ONE 2/4 GAUGE IN AND FOUR 8 GAUGE OUT NICKEL FINISH
DB1044	DISTRIBUTION BLOCK ONE 0/2 GAUGE IN AND FOUR 4 GAUGE OUT NICKEL FINISH
DB2034	DISTRIBUTION BLOCK TWO 0/2 GAUGE IN AND THREE 4 GAUGE OUT NICKEL FINISH
DB20204	DISTRIBUTION BLOCK T STYLE ONE 0/2 GAUGE IN AND TWO 0/4 GAUGE OUT NICKEL FINISH

RING TERMINALS

RT0R	RING TERMINAL 1/0 GAUGE 5/16 HOLE GOLD RED 10 PCS PACK BLISTER PACK NICKEL FINISH
RT0B	RING TERMINAL 1/0 GAUGE 5/16 HOLE GOLD BLACK 10 PCS PACK BLISTER PACK NICKEL FINISH
RT4R	RING TERMINAL 4 GAUGE 5/16 HOLE GOLD RED 10 PCS PACK NICKEL FINISH
RT4B	RING TERMINAL 4 GAUGE 5/16 HOLE GOLD BLACK 10 PCS PACK BLISTER PACK NICKEL FINISH
RT8R	RING TERMINAL 8 GAUGE 5/16 HOLE GOLD RED 10 PCS PACK NICKEL FINISH
RT8B	RING TERMINAL 8 GAUGE 5/16 HOLE GOLD BLACK 10 PCS PACK BLISTER PACK NICKEL FINISH

BARRIER SPADE TERMINALS

B4R	BARRIER SPADE TERMINAL 4 GAUGE #10 GOLD RED 10 PCS PACK BLISTER PACK
B4B	BARRIER SPADE TERMINAL 4 GAUGE #10 GOLD BLACK 10 PCS PACK BLISTER PACK
B8R	BARRIER SPADE TERMINAL 8 GAUGE #10 GOLD RED 10 PCS PACK BLISTER PACK
B8B	BARRIER SPADE TERMINAL 8 GAUGE #10 GOLD BLACK 10 PCS PACK BLISTER PACK

GROUND LOOP ISOLATOR (NOISE FILTER)

NS60	GROUND LOOP ISOLATOR NOSIE FILTER 60 AMP
NS80	GROUND LOOP ISOLATOR NOSIE FILTER 80 AMP
NS120	GROUND LOOP ISOLATOR NOSIE FILTER 120 AMP

CIRCUIT BREAKER

CB100A	CIRCUIT BREAKER 100 AMPERES
CB150A	CIRCUIT BREAKER 150 AMPERES
CB200A	CIRCUIT BREAKER 200 AMPERES
CB250A	CIRCUIT BREAKER 250 AMPERES
CB300A	CIRCUIT BREAKER 300 AMPERES

ANTENNA ADAPTOR

BMW/MERCEDES/AUDI/EUROPEAN 99-UP SHORT- CONEVRTS TO STD MOTOROLA MALE
USE WHEN REPLACE FACTORY RADIO

VWA16L
BMW/MERCEDES/AUDI/EUROPEAN 99-UP LONG - CONEVRTS TO STD MOTOROLA MALE
USE WHEN REPLACE FACTORY RADIO

GMA36
GMA16
CHRA16
A117 GENERAL MOTORS 88 UP SHORT OF GMA16
A115 GM 88-UP CONVERTS MINI GM TO STD MOTOROLA MALE , USE WHEN REPLACE FACTORY RADIO
CHRYSLER/DODGE /JEEP 2002-UP CONVERT FACTORY ANTENNA TO STANDARD MOTOROLA MALE
USE TO REPLACE FACTORY RADIO





ORION XTR OFFERS A NEW LINE OF INNOVATIVE PRODUCTS.

The new amplifier line offers more models than before to adjust to the requirements of the installer. Now with (4) 2 channels amplifiers, (5) 4 channels amplifiers and (4) mono channel for subwoofer this lineup will allow you to enjoy the music power in your car.

The *XTR* series innovates by offering the best power in their Class D mono subwoofer amplifier series which is calculated at only 12.6 Volt. This indicates that the amplifiers contain a very wide and real power together with a high efficiency and quality sound.

The (4) channels and (2) channels amplifiers of higher power were modified by incorporating a system in the high pass cut, that allows to multiply by 10 its frequency and elevate it up to 15 KHZ.

Enjoy the power and quality that Orion *XTR* offers you in its new line.

TWO CHANNEL

POWER DESCRIPTION	XTR250.2	XTR600.2	XTR1200.2	XTR2000.2
RMS WATTS @ 4 OHM STEREO 14.4V	80 x 2	150 x 2	400 x 2	600 x 2
RMS WATTS @ 2 OHM STEREO 14.4V	125 x 2	300 x 2	600 x 2	1000 x 2
RMS WATTS @ 4 OHM BRIDGE 14.4V	250	600	1200	2000
TOTAL POWER WATTS NOMINAL	500	1200	2400	4000

FOUR CHANNEL

POWER DESCRIPTION	XTR350.4	XTR600.4	XTR800.4	XTR1200.4	XTR2000.4
RMS WATTS @ 4 OHM STEREO 14.4V	65 x 4	90 x 4	130 x 4	200 x 4	300 x 4
RMS WATTS @ 2 OHM STEREO 14.4V	90 x 4	150 x 4	200 x 4	300 x 4	500 x 4
RMS WATTS @ 4 OHM BRIDGE 14.4V	180 X 2	300 X 2	400 X 2	600 X 2	1000 X 2
TOTAL POWER WATTS NOMINAL	700	1200	1600	2400	4000

ULTRA EFFICIENT CLASS D MONO CHANNEL STABLE 01 OHM POWER @ 12.6V

POWER DESCRIPTION	XTR800.1D	XTR1400.1D	XTR2200.1D	XTR3700.1D
RMS WATTS @ 4 OHM MONO 12.6V	300	550	950	1500
RMS WATTS @ 2 OHM MONO 12.6V	500	900	1700	2500
RMS WATTS @ 1 OHM MONO 12.6V	800	1400	2200	3700
TOTAL POWER WATTS NOMINAL 12.6V	1600	2800	4400	7400

ORION XTR CROSSOVERS SPECIFICATIONS

		XTR-X3R	XTR-X4R
SUB, MID & HIGH Voltage output	Vmax	8.2V	9.9V
MID Output Frequency	High pass =min to max Frequency (-3dB down)	33-873Hz	96-1.3Hz
	Low pass =min to max Frequency (-3dB down)	1.6K-7.5KHz	1.6K-8.1KHz
HIGH Output Frequency	High pass =min to max Frequency (-3dB down)	385Hz-8.6KHz	1.2KHz-14.0KHz
SUB Output Frequency	Subwoofer=min to max Frequency (-3dB down)	31-407Hz	35-503Hz
SUB Bass Boost	Bass EQ=min Boost VR=min	0dB	0dB
	Bass EQ=min Boost VR=max	13dB	13dB
Signal to Noise	dB+A	116dB	106dB
MID Phase	PHASE=0°	0°	0°
	PHASE=180°	180°	180°
Remote LPF	dB	12dB	12dB



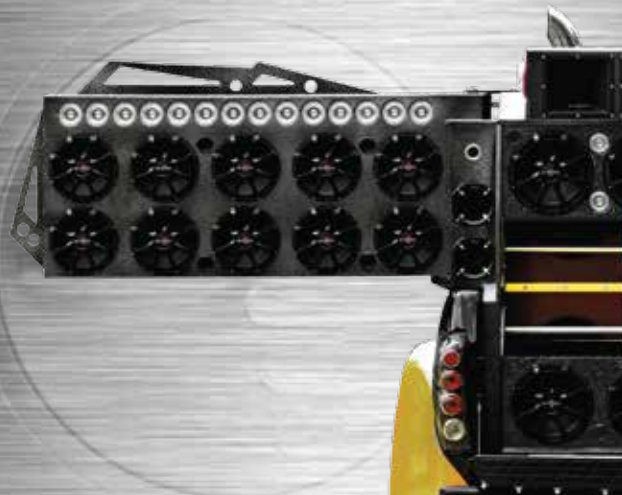
XTR-X4R



XTR-X3R

NEW 2013 ORION XTR WOOFERS

The new *XTR* Woofers bring a series of changes to the benefit of the consumer. Our new *XTR* handles a much higher power compare to its predecessor and also has a better low frequency response. High efficiency, more power and better quality sound together with its NEW Basket, owned exclusively by Orion, are just a few of the new features that will let you feel the total true power generated by your Woofer when it shakes up the body of your car.



ORION XTR WOOFERS

POWER DESCRIPTION	XTR102D	XTR104D	XTR122D	XTR124D	XTR152D	XTR154D
RMS POWER WATTS	500	500	600	600	750	750
NOMINAL POWER WATTS	1000	1000	1200	1200	1500	1500
MAX MUSIC POWER WATTS	2000	2000	2400	2400	3000	3000
IMPEDANCE	2+2	4+4	2+2	4+4	2+2	4+4
VOICE COIL	DVC	DVC	DVC	DVC	DVC	DVC



ORION XTR XX WOOFERS

POWER DESCRIPTION	XTR122DXX	XTR124DXX	XTR152DXX	XTR154DXX
RMS POWER WATTS	750	750	1000	1000
NOMINAL POWER WATTS	1500	1500	2000	2000
MAX MUSIC POWER WATTS	3000	3000	4000	4000
IMPEDANCE	2+2	4+4	2+2	4+4
VOICE COIL	DVC	DVC	DVC	DVC

MIDRANGE & BULLET TWEETER**NEW 2013 ORION XTR MIDRANGES AND BULLET TWEETERS.**

Orion *XTR* continues to improve this impressive series by adding a complete line of MIDRANGES in 6", 8" and 10" to the market, respectively together with some Bullet Tweeters designed and entirely owned by Orion. This supports Orion's decision to satisfy the increasing demand in today's market for high efficiency products.

The 2 XTR Midranges ferrite series are very efficient. The XTH series offers a Very High response to the midlevel frequency and can very well handle the Mid-High frequencies to the style of the European Midranges, and just like this one the XTX is more focused in its very powerful Mid-bass.

We are also introducing some models of the so expected Bullet Tweeter, designed under a very unique style and completely owned by Orion.

MIDRANGE

SERIES XTH FERRITE MAGNET (PERFORMANCE PLUS AND MID HIGH FREQUENCY EXTENDED RANGE)

SIZE	6.5"	8.0"	10"	6.5"	8.0"	10"
POWER DESCRIPTION	XTH64	XTH84	XTH104	XTH68	XTH88	XTH108
RMS POWER WATTS	300	350	450	300	350	450
NOMINAL POWER WATTS	600	700	900	600	700	900
MAX MUSIC POWER WATTS	1200	1400	1800	1200	1400	1800
IMPEDANCE	4Ω	4Ω	4Ω	8Ω	8Ω	8Ω
VOICE COIL	1.5"	2.0"	3.0"	1.5"	2.0"	3.0"
EFFICIENCY	98	98.4	100	98.3	98.8	100.2
SOLD IN	PAIRS W /GRILLS	PAIRS W /GRILLS	PC W /GRILL	PAIRS W /GRILLS	PAIRS W /GRILLS	PC W /GRILL

**SERIES XTX FERRITE MAGNET
(RICH MIDRANGE AND MIDASS PERFORMANCE)**

SIZE	6.5"	8.0"	10"	6.5"	8.0"	10"
POWER DESCRIPTION	XTX64	XTX84	XTX104	XTX68	XTX88	XTX108
RMS POWER WATTS	250	300	400	250	300	400
NOMINAL POWER WATTS	500	600	800	500	600	800
MAX MUSIC POWER WATTS	1000	1200	1600	1000	1200	1600
IMPEDANCE	4Ω	4Ω	4Ω	8Ω	8Ω	8Ω
VOICE COIL	1.5"	2.0"	3.0"	1.5"	2.0"	3.0"
EFFICIENCY	97.3	98.1	99.6	97.4	98.2	99.5
SOLD IN	PAIRS W /GRILLS	PAIRS W /GRILLS	PC W /GRILL	PAIRS W /GRILLS	PAIRS W /GRILLS	PC W /GRILL

TWEETER

XTR BULLET TWEETER

	RMS POWER	NOMINAL POWER	MAX POWER	VOICE COIL TYPE	VOICE COIL SIZE	EFFICIENCY
XTW250FD	80	160	320	CCAR	1"	104dB
XTW350NE	90	180	360	CCAR	1"	112dB
XTW750FD	140	280	560	CCAW	1.75"	109.9dB
XTW950FD	150	300	600	CCAW	1.5"	111.8dB



NEW 2013 ORION XTR COAXIALS AND COMPONENTS SET

The new *XTR* Coaxial increase the range of speakers sizes covering most of the market demands.

The complete range has been improved; more power, better sound quality, more efficiency and to top it off, the best price offered in the industry for such a high quality speakers. This series is the best option in the market with no doubt about it.





COAXIALS

POWER DESCRIPTION	XTR40.2	XTR46.2	XTR52.2	XTR57.2	XTR60.2
SIZE	4"	4X6"	5.25"	5X7"	6.0"
TYPE	2 WAY	2 WAY	2 WAY	2 WAY	2 WAY
RMS POWER WATTS	45	45	60	60	60
NOMINAL POWER WATTS	90	90	120	120	120
MAX MUSIC POWER WATTS	250	250	300	300	300
IMPEDANCE	4	4	4	4	4

POWER DESCRIPTION	XTR65.2	XTR65.3	XTR68.2	XTR69.2	XTR69.3
SIZE	6.5"	6.5"	6X8"	6X9"	6X9"
TYPE	2 WAY	3 WAY	2 WAY	2 WAY	3 WAY
RMS POWER WATTS	60	75	60	85	95
NOMINAL POWER WATTS	120	150	120	170	19
MAX MUSIC POWER WATTS	300	400	300	400	500
IMPEDANCE	4	4	4	4	4

WOOFERS



WITH NO DOUBT THE NEW ORION XTR PRO WOOFER IS A TOTAL INNOVATION

With the most powerful *XTR Pro* Woofer of all times together with the latest innovation used in its creation, the *XTR Pro* woofer has inherited the true passion of Orion Car Audio. From the beginning of times, Orion has been considered a brand of High Prestige and true Power in the industry. So thinking back in the philosophy of Orion Car Audio from the beginning we have recreated this truly and powerful new generation *XTR Pro* Woofer.

An impressively powerful new aluminum basket; designed and owned by Orion, the highest quality material used for its creation together with the latest technology developed in the industry of Car Audio is what makes the *XTR Pro* Woofer absolutely the best of its class in the market.

Orion has also considered a very accessible and incomparable price to make the *XTR Pro* Woofer your favorite.

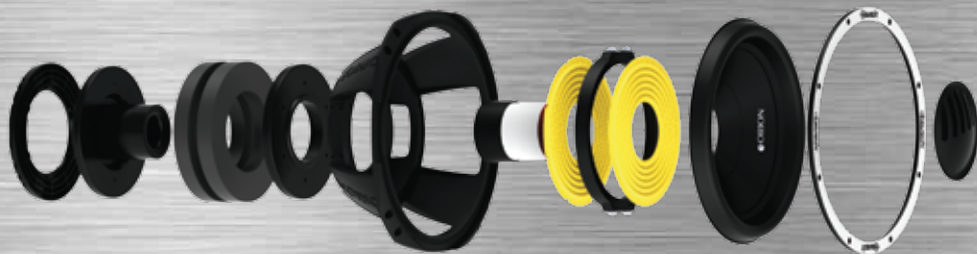
For 2013, Orion has added a new re-cone kit system to the *XTR Pro* series, very similar to our super powerful HCCA woofer. This will allow the replacement of the pieces with no difficulties and very easily in case the customer requires it.

This is a unique and exclusive system owned and used by Orion Car Audio. In conclusion, the high power, high performance and high efficiency are sure to give a lot to talk about in the market and car audio industry.

XTR PRO IS PROUD TO BE LOUD!

XTR PRO ORION WOOFERS

POWER DESCRIPTION	XTR PRO102D	XTR PRO104D	XTR PRO122D	XTR PRO124D	XTR PRO152D	XTR PRO154D
RMS POWER WATTS	800	800	1000	1000	1625	1625
NOMINAL POWER WATTS	1600	1600	2000	2000	3250	3250
MAX MUSIC POWER WATTS	3200	3200	4000	4000	6500	6500
IMPEDANCE	2+2	4+4	2+2	4+4	2+2	4+4
VOICE COIL	DVC	DVC	DVC	DVC	DVC	DVC



THE ALL NEW FULL COMPLETE RECONE KIT FOR XTR PRO WOOFERS

RECONE KITS

FOR



XTRPRO102D RK
XTRPRO104D RK
XTRPRO122D RK
XTRPRO124D RK
XTRPRO152D RK
XTRPRO154D RK

RECONE KIT FOR XTR PRO 10 INCHES WOOFER 2 OHM DVC
RECONE KIT FOR XTR PRO 10 INCHES WOOFER 4 OHM DVC
RECONE KIT FOR XTR PRO 12 INCHES WOOFER 2 OHM DVC
RECONE KIT FOR XTR PRO 12 INCHES WOOFER 4 OHM DVC
RECONE KIT FOR XTR PRO 15 INCHES WOOFER 2 OHM DVC
RECONE KIT FOR XTR PRO 15 INCHES WOOFER 4 OHM DVC

THE ALL NEW HCCA AMPLIFIER SERIES

Orion has transformed the *HCCA* amplifiers to a super powerful sound machine.

In the new class D *HCCA* amplifiers for woofers, the power is being calculated at only 12.6 volts and only with a 0.5% THD which makes these amplifiers very powerful ones. They are truly sound monsters starting at 4000 watts RMS up to the super powerful *HCCA* 20000.1d that gives an amazing and truly twenty thousand watts; something really and unbelievably amazing.

All the (4) channels and (2) channels were modified by incorporating a high pass cut system that allows you to multiply by (10) the frequency and take it all the way to 15khz.

Technology, quality and extreme power were combined to create efficient and very powerful amplifiers, to satisfy the most demanding customers of our industry whose satisfaction is only the best.



TWO CHANNEL

POWER DESCRIPTION	HCCA1200.2	HCCA1500.2	HCCA2000.2
RMS WATTS @ 4 OHM STEREO 14.4V	400 X 2	500 X 2	600 X 2
RMS WATTS @ 2 OHM STEREO 14.4V	600 X 2	750 X 2	1000 X 2
RMS WATTS @ 4 OHM BRIDGE 14.4V	1,200	1,500	2,000
TOTAL POWER WATTS NOMINAL	2,400	3,000	4,000

TWO CHANNEL CLASS H

POWER DESCRIPTION	HCCA3000.2H	HCCA4000.2H
RMS WATTS @ 4 OHM STEREO 14.4V	900 X 2	1200 X 2
RMS WATTS @ 2 OHM STEREO 14.4V	1500 X 2	2000 X 2
RMS WATTS @ 4 OHM BRIDGE 14.4V	3,000	4,000
TOTAL POWER WATTS NOMINAL	6,000	8,000

FOUR CHANNEL

POWER DESCRIPTION	HCCA1000.4	HCCA.1500.4	HCCA2000.4
RMS WATTS @ 4 OHM STEREO 14.4V	150 X 4	250 X 4	300 X 4
RMS WATTS @ 2 OHM STEREO 14.4V	250 X 4	375 X 4	500 X 4
RMS WATTS @ 4 OHM BRIDGE 14.4V	500 X 2	750 X 2	1,000 X 2
TOTAL POWER WATTS NOMINAL	2,000	3,000	4,000

FOUR CHANNEL CLASS H

POWER DESCRIPTION	HCCA3000.4H	HCCA4000.4H
RMS WATTS @ 4 OHM STEREO 14.4V	450 X 4	600 X 4
RMS WATTS @ 2 OHM STEREO 14.4V	750 X 4	1000 X 4
RMS WATTS @ 4 OHM BRIDGE 14.4V	1,500 X 2	2,000 X 2
TOTAL POWER WATTS NOMINAL	6,000	8,000

ULTRA EFFICIENT CLASS D
MONO CHANNEL STABLE 01 OHM POWER @ 12.6V

POWER DESCRIPTION	HCCA 4000.1D	HCCA 5000.1D	HCCA 8000.1D	HCCA 11000.1D	HCCA 20000.1D
RMS WATTS @ 4 OHM MONO 12.6V	1,500	1,700	4,000	5,500	10,000
RMS WATTS @ 2 OHM MONO 12.6V	2,500	3,000	6,000	8,000	15,000
RMS WATTS @ 1 OHM MONO 12.6V	4,000	5,000	8,000	11,000	20,000
TOTAL POWER WATTS NOMINAL 12.6V	8,000	10,000	16,000	22,000	40,000



THE NEW BLACK COIL HCCA WOOFERS

HCCA makes an update to this already excellent woofer by adding a new voice coil of better quality and higher power. This modification increases the power performance and temperature control; all of this was combined in this product so demanded by our customers and fans to continue the excellence of the same.

HCCA, legendary for its power is now more powerful than ever. *HCCA* is a woofer created just for the most demanding individuals in the car audio market who are looking for quality and extreme loudness.



HCCA ORION WOOFERS



POWER DESCRIPTION	HCCA102	HCCA104	HCCA122	HCCA124	HCCA152	HCCA154
RMS POWER WATTS	2000	2000	2500	2500	2500	2500
NOMINAL POWER WATTS	4000	4000	5000	5000	5000	5000
IMPEDANCE	2+2	4+4	2+2	4+4	2+2	4+4
VOICE COIL	DVC	DVC	DVC	DVC	DVC	DVC
VOICE COIL TYPE	BLACK COIL	BLACK COIL	BLACK COIL	BLACK COIL	BLACK COIL	BLACK COIL



THE ALL NEW BLACK COIL COMPLETE RECONE KIT FOR HCCA PRO WOOFERS

RECONE KITS
FOR



HCCA102 RK
HCCA104 RK
HCCA122 RK
HCCA124 RK
HCCA152 RK
HCCA154 RK

RECONE KIT FOR HCCA 10 INCHES WOOFER 2 OHM DVC
RECONE KIT FOR HCCA 10 INCHES WOOFER 4 OHM DVC
RECONE KIT FOR HCCA 12 INCHES WOOFER 2 OHM DVC
RECONE KIT FOR HCCA 12 INCHES WOOFER 4 OHM DVC
RECONE KIT FOR HCCA 15 INCHES WOOFER 2 OHM DVC
RECONE KIT FOR HCCA 15 INCHES WOOFER 4 OHM DVC



NEW HCCA MIDRANGES & BULLET TWEETERS

Orion *HCCA* is bringing two series of neodymium midranges to their line in order to achieve high power and high efficiency in the control of mid high frequencies.

In the “N” series you will find midranges from 6.5” up to 10” with very interesting power, high efficiency and good price.

With our next extreme competition series named “NHP”, we can say that Orion has created one of the most powerful and efficient mids in the entire world. Even if we dared to compare this “NHP” series with the best mids created by famous European brands, we could say that the power and performance of Orion *HCCA* NHP mids is superior. With no doubt we are sure that this series brings a line of impressive products.

Our audio lab test results were impressive and showed that we are offering a never seen before midrange completely out of the ordinary.

Our tweeter *HCCA* TN1 in neodymium is, in the bullet tweeter range, the most efficient product that exists in the whole car audio market. The TN1 has absolutely no comparison with any other bullet tweeter available in the market.

118 db 1w/1m plus the curve capable of truly reaching a 26 kHz, the frequency stability and the sound quality makes the *HCCA* TN1 the best bullet tweeter in the planet.





THE BEST MIDRANGE MADE ON THIS PLANET !

**HCCA NEODYMIUM HP SERIES, COMPETITION EXTREME UTLRA EFFICIENT
VERY HIGH PERFORMANCE AND POWER**

POWER DESCRIPTION	HCCA84NHP	HCCA104NHP	HCCA88NHP	HCCA108NHP
SIZE	8.0"	10"	8.0"	10"
RMS POWER WATTS	650	700	650	700
NOMINAL POWER WATTS	1300	1400	1300	1400
MAX MUSIC POWER WATTS	2600	2800	2600	2800
IMPEDANCE	4Ω	4Ω	8Ω	8Ω
VOICE COIL	2.5"	3.0"	2.5"	3.0"
EFFICIENCY	102.8	103.9	102.9	103.9
SOLD IN	PAIRS W /GRILLS	PC W /GRILLS	PAIRS W /GRILLS	PC W /GRILLS

**HCCA NEODYMIUM SERIES, VERY HIGH POWER AND PERFORMANCE
EXCELLENT MIDRANGE EXTENDED MID HIGH FREQ RANGE**

POWER DESCRIPTION	HCCA64N	HCCA84N	HCCA104N	HCCA68N	HCCA88N	HCCA108N
SIZE	6.5"	8.0"	10"	6.5"	8.0"	10"
RMS POWER WATTS	350	500	550	350	500	550
NOMINAL POWER WATTS	700	1000	1100	700	1000	1100
MAX MUSIC POWER WATTS	1400	2000	2200	1400	2000	2200
IMPEDANCE	4Ω	4Ω	4Ω	8Ω	8Ω	8Ω
VOICE COIL	1.5"	2.5"	3.0"	1.5"	2.5"	3.0"
EFFICIENCY	99	99.9	101.3	99.2	99.8	101.4
SOLD IN	PAIRS W /GRILLS	PAIRS W /GRILLS	PC W /GRILLS	PAIRS W /GRILLS	PAIRS W /GRILLS	PC W /GRILLS

HCCA BULLET TWEETER

	RMS POWER	NOMINAL POWER	MAX POWER	VOICE COIL TYPE	VOICE COIL SIZE	EFFICIENCY
HCCA TN-1	175	350	700	CCAR	1.5"	118dB



**ORION WIRED**

Orion Wired offers a new series of power cables, RCA cables, speaker cables and installation accessories such as, distributor blocks, fuse holders and others especially designed for the professional installers in the industry to achieve the best installation of car audio possible.

The finish and quality of wired products allow the most effective and complete installation in a vehicle, providing the necessary elements for the customers to have the best possible sound quality in their car. Orion Wired stays tuned with our company principles: To offer a very high quality product at the best price in the market.

COME MEET THE WORLD OF ORION WIRED!

PERFORMANCE RCA

PRF-0.5	ORION WIRED PERFORMANCE SERIES RCA 0.5 METER / 1.8FT
PRF-1.0	ORION WIRED PERFORMANCE SERIES RCA 1.0 METER / 3.27 FT
PRF-2.0	ORION WIRED PERFORMANCE SERIES RCA 2.0 METER / 6.55 FT
PRF-3.0	ORION WIRED PERFORMANCE SERIES RCA 3.0 METER / 9.83 FT
PRF-4.0	ORION WIRED PERFORMANCE SERIES RCA 4.0 METER / 13.10 FT
PRF-5.0	ORION WIRED PERFORMANCE SERIES RCA 5.0 METER / 16.39 FT
PRF-6.0	ORION WIRED PERFORMANCE SERIES RCA 6.0 METER / 19.67 FT
PRF-Y2MMP	ORION WIRED PERFORMANCE SERIES RCA Y ADAPTER 1 FOOT 2 MALE 1 FEMALE (PAIR 2 PCS)
PRF-Y2FFP	ORION WIRED PERFORMANCE SERIES RCA Y ADAPTER 1 FOOT 2 FEMALE 1 MALE (PAIR TWO PCS)

PREMIUM RCA

XW-0.5	ORION WIRED PREMIUM SERIES RCA 0.5 METER / 1.8FT
XW-1.0	ORION WIRED PREMIUM SERIES RCA 1.0 METER / 3.27 FT
XW-2.0	ORION WIRED PREMIUM SERIES RCA 2.0 METER / 6.55 FT
XW-3.0	ORION WIRED PREMIUM SERIES RCA 3.0 METER / 9.83 FT
XW-4.0	ORION WIRED PREMIUM SERIES RCA 4.0 METER / 13.10 FT
XW-5.0	ORION WIRED PREMIUM SERIES RCA 5.0 METER / 16.39 FT
XW-6.0	ORION WIRED PREMIUM SERIES RCA 6.0 METER / 19.67 FT
XW-Y2MMP	ORION WIRED PREMIUM SERIES RCA Y ADAPTER 1 FOOT 2 MALE 1 FEMALE (PAIR 2 PCS)
XW-Y2FFP	ORION WIRED PREMIUM SERIES RCA Y ADAPTER 1 FOOT 2 FEMALE 1 MALE (PAIR TWO PCS)

PREMIUM COMPLETE AMPLIFIER KITS

XWCKO	ORION WIRED PREMIUM SERIES FULL COMPLETE KIT 0 GAUGE
XWCK4	ORION WIRED PREMIUM SERIES FULL COMPLETE KIT 4 GAUGE
XWCK8	ORION WIRED PREMIUM SERIES FULL COMPLETE KIT 8 GAUGE

EXPERT POWER AND SPEAKER WIRES

EXPPW050B	ORION WIRED EXPERT POWER WIRE 0 GAUGE 50 FT SPOOL FLEX BLUE
EXPPW050T	ORION WIRED EXPERT POWER WIRE 0 GAUGE 50 FT SPOOL FLEX TRANSLUCENT
EXPPW4100B	ORION WIRED EXPERT POWER WIRE 4 GAUGE 100 FT SPOOL FLEX BLUE
EXPPW4100T	ORION WIRED EXPERT POWER WIRE 4 GAUGE 100 FT SPOOL FLEX TRANSLUCENT
EXPS10200B	ORION WIRED EXPERT SPEAKER WIRE 2 X10 FLEX 200 FT

FUSE HOLDERS

OWFHM1414	MINI ANL FUSE HOLDER 4/8 GAUGE IN/OUT WITH ADAPTOR AND 100A FUSE INCLUDED NICKEL FINISH
OWFHM1010	MINI ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150A FUSE INCLUDED NICKEL FINISH
OWFH100H	MINI ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 200A FUSE INCLUDED NICKEL FINISH
OWFHM30204	MINI ANL POWER DISTRIBUTION BLOCK THREE 0/2 IN AND TWO 2/4 GAUGE OUTPUT NICKEL FINISH WITH 2 100A MINI ANL FUSE
OWFHM30404	MINI ANL POWER DISTRIBUTION BLOCK THREE 0/2 IN AND FOUR 2/4 GAUGE OUTPUT NICKEL FINISH WITH 4 100A MINI ANL FUSE

ANL FUSE HOLDERS

OWFHANL1011A	ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
OWFHANL1022B	ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
OWFHANL2033BA	ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
OWFHANL2044SQ	ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
OWFHANL20DIGIV	ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH DIGITAL VOLT METER

POWER GROUND DIST BLOCK

DB10102428	DISTRIBUTION BLOCK 0/2 GAUGE IN ONE 0, TWO 4 AND TWO 8 GAUGE OUT NICKEL FINISH
DB20202428	DISTRIBUTION BLOCK TWO 0/2 GAUGE IN TWO 0, TWO 4 AND TWO 8 GAUGE OUT NICKEL FINISH

FUSES MINI ANL

MA 50	MINI ANL 50 AMP 5 FUSES PACK
MA 60	MINI ANL 60 AMP 5 FUSES PACK
MA 80	MINI ANL 80 AMP 5 FUSES PACK
MA 100	MINI ANL 100 AMP 5 FUSES PACK
MA 150	MINI ANL 150 AMP 5 FUSES PACK
MA 200	MINI ANL 200 AMP 5 FUSES PACK
MA 250	MINI ANL 250 AMP 5 FUSES PACK

FUSES ANL

ANL80	ANL 80 AMP FUSE 4 PCS
ANL100	ANL 100 AMP FUSE 4 PCS
ANL150	ANL 150 AMP FUSE 4 PCS
ANL200	ANL 200 AMP FUSE 4 PCS
ANL250	ANL 250 AMP FUSE 4 PCS
ANL300	ANL 300 AMP FUSE 4 PCS

RING TERMINALS

RT0	RING TERMINAL 0/2 GAUGE NICKEL FINISH
RT4	RING TERMINAL 4/8 GAUGE NICKEL FINISH
RT200	RING TERMINAL TWO 0/2 GAUGE NICKEL FINISH
RT244	RING TERMINAL TWO 4/8 GAUGE NICKEL FINISH

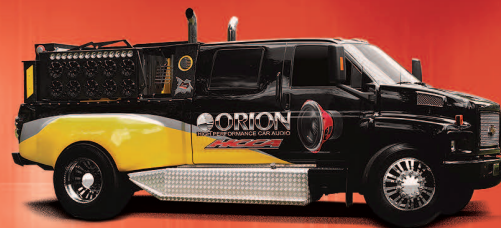
BATTERY TERMINAL

BT0044	BATTERY TERMINAL POSITIVA AND NEGATIVE TWO 0 AND TWO 4 IN/OUT NICKEL FINISH
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 **ORION**[®]
HIGH PERFORMANCE CAR AUDIO

Team
305
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