# 0 -ORION HIGH PERFORMANCE CAR AUDIO



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#### **ORION COBALT AMPLIFIERS**

The new Cobalt amplifiers are coming to This new line will cover not only a wide more quality and a much better price dealers and distributors. than any of their close competitors. The new Cobalt amplifiers handle power Come and enjoy the Cobalt Series that ratings starting from the 300 watts up to Orion Car Audio has created for you. Orion Cobalt is presenting its new look capable to handle 5000 watts @ 1 ohm. and extended 16 line amplifiers which Quality, power and pricing have been all includes: three (2) channels, two mono- put together to create the most efficient channel Class AB, four amplifiers of (4) amplifier dollar per watt that the channels, two of (5) channels amplifiers industry has ever seen, showing the and five Class D amplifiers for power that has always characterized subwoofers

change the complete vision of the car variety but also the satisfaction of audio market. They offer more power, everyone; from the end consumer to our

> a very powerful Class D for woofers and defined Orion Car Audio



# AMPLIFIERS

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#### **TWO CHANNEL**

POWER DESCRIPTION	CB300.2	CB600.2	CB2700.2
RMS WATTS ଢ 4 OHM STEREO 14.4V	60 X 2	110 X 2	450 X 2
RMS WATTS ର 2 OHM STEREO 14.4V	80 X 2	160 X 2	675 X 2
RMS WATTS ଉ 4 OHM BRIDGE 14.4V	160	320	1350
WATTS NOMINAL	300	600	2700
MAX MUSIC POWER WATTS	600	1200	5400

#### **CLASS AB MONOCHANNEL STABLE 2 OHM**

POWER DESCRIPTION	CB700.1M2	CB1100.1M2
RMS WATTS ଢ 4 OHM MONO 14.4V	250	375
RMS WATTS ଢ 2 OHM MONO 14.4V	400	550
WATTS NOMINAL	700	1100
MAX MUSIC POWER WATTS	1400	2200

#### **FOUR CHANNEL**

POWER DESCRIPTION	CB600.4	CB1000.4	CB1500.4	CB2000.4	CB3400.4
RMS WATTS @ 4 OHM STEREO 14.4V	60 X 4	80 X 4	115 X 4	150 X 4	285 X 4
RMS WATTS ଜ 2 OHM STEREO 14.4V	80 X 4	120 X 4	185 X 4	250 X 4	425 X 4
RMS WATTS ଜ 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
MAX MUSIC POWER WATTS	1200	2000	3000	4000	6800

#### **FIVE CHANNEL**

POWER DESCRIPTION		CB1500.5	CB2700.5
RMS WATTS ଢ 4 OHM STEREO 14.4V		75 X 4	100 X 4
RMS WATTS ଜ 2 OHM STEREO 14.4V		100 X 4	160 X 4
RMS WATTS ଢ 4 OHM BRIDGE 14.4V		200 X 2	320 X 2
I CHANNEL CLASS D POWER DESCRIPTION AND OPERATION	10N		
RMS WATTS ଢ 4 0HM 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		1500	2700
MAX MUSIC POWER WATTS		3000	5400

#### **CLASS D MONOCHANNEL**

POWER DESCRIPTION	CB1200.1D	CB2400.1D	CB2400.1D2	CB3200.1D	CB5000.1D	
RMS WATTS ര 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	
MAX MUSIC POWER WATTS	2400	4800	4800	6400	10000	









#### 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!** 



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#### **COBALT BULLET TWEETER**

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PRODUCT	RMS POWER	NOMINAL POWER	MAX POWFR		VOICE	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
CTW300	75	150	300	CCAW	1"	110DB
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

**CSB SERIES** 

#### **COBALT BULLET TWEETER VOICE COIL KIT**

1.1.1.1.

CTW101RK	REPLACEMENT VOICE COIL
CTW125RK	REPLACEMENT VOICE COIL
CTW150RK	REPLACEMENT VOICE COIL
CTW200RK	REPLACEMENT VOICE COIL
CTW300RK	REPLACEMENT VOICE COIL
CTW400RK	REPLACEMENT VOICE COIL
CTW500RK	REPLACEMENT VOICE COIL
CTW600RK	REPLACEMENT VOICE COIL
CTW700RK	REPLACEMENT VOICE COIL
CTW800RK	REPLACEMENT VOICE COIL
CTW880HRK	REPLACEMENT VOICE COIL

#### **CM SERIES**

COBALT SEALED BASKET MID / MIL	D HIGH SPEAKER	RS / ULTRA EFFICIE	NT
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	

#### 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







#### THE NEW COBALT COAXIALS

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.







#### **COBALT COMPONENT KIT W/CROSSOVER**

POWER DESCRIPTION	C0525C	C0652C
SIZE	5.25	6.5"
RMS POWER WATTS	50	70
NOMINAL POWER WATTS	100	140
MAX MUSIC POWER WATTS	250	350
IMPEDANCE	4	4

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#### **COBALT COAXIALS**

POWER DESCRIPTION	C040	C046	C052	C057	C060	C0603
SIZE	4"	4X6"	5.25"	5X7"	6.0"	6.0"
TYPE	2 WAY	3 WAY				
RMS POWER WATTS	35	35	50	50	50	60
NOMINAL POWER WATTS	70	70	100	100	100	120
MAX MUSIC POWER WATTS	200	200	250	250	250	300
IMPEDANCE	4	4	4	4	4	4

POWER DESCRIPTION	C065	C0653	C068	C069	C0693
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



### **SUBWOOFERS**



#### **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 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 SUBWOOFERS**

POWER DESCRIPTION	C0104S	C0104D	C0124S	C0124D	C0154S	C0154D
RMS POWER WATTS	350	400	550	400	550	600
NOMINAL POWER WATTS	700	800	1100	800	1100	1200
MAX MUSIC POWER WATTS	1400	1600	2200	1600	2200	2400
IMPEDANCE	4	4+4	4	4+4	4	4+4
VOICE COIL	SVC	DVC	SVC	DVC	SVC	DVC

#### **COBALT SINGLE SUBWOOFERS ENCLOSURES**

POWER DESCRIPTION	C0104SBV-4	CO104SBDVC-2	C0124SBV-4	C0124SBDVC-2	C0154SBV-4	CO154SBDVC-4
RMS POWER WATTS	350	400	550	400	550	600
NOMINAL POWER WATTS	700	800	1100	800	1100	1200
MAX MUSIC POWER WATTS	1400	1600	2200	1600	2200	2400
WOOFER IMPEDANCE OHM	4	4+4	4	4+4	4	4+4
FACTORY FINAL BOX IMPEDANCE OHM	4	2	4	2	4	2
VOICE COIL	SVC	DVC	SVC	DVC	SVC	DVC



#### INSTALLATION ACCESSORIES



#### **INSTALLATION ACCESSORIES**

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 TRANLUCENT 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

- COKITO 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 BLUE2.0 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)

#### **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 DBF1424 MINI ANL POWER DISTRIBUTION BLOCK ONE 4/8 IN AND THREE 4/8 GAUGE OUPUT NICKEL FINISH DBF1424 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

- RTOR RING TERMINAL 1/0 GAUGE 5/16 HOLE GOLD RED 10 PCS PACK BLISTER PACK NICKEL FINISH
- RTOB RING TERMINAL 1/0 GAUGE 5/16 HOLE GOLD BLACK 10 PCS PACK 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
  - 120 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

- VWA165 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 A117 GENERAL MOTORS 88 UP SHORT OF GMA16
- GMA16 A115 GM 88-UP CONVERTS MINI GM TO STD MOTOROLA MALE, USE WHEN REPLACE FACTORY RADIO
- CHRA16 CHRYSLER/DODGE / JEEP 2002-UP CONVERT FACTORY ANTENNA TO STANDARD MOTOROLA MALE / USE TO REPLACE FACTORY RADIO



#### AMPLIFIERS



#### 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.



#### AMPLIFIERS

#### **TWO CHANNEL**

POWER DESCRIPTION RMS WATTS @ 4 OHM STEREO 14.4V RMS WATTS @ 2 OHM STEREO 14.4V RMS WATTS @ 4 OHM BRIDGE 14.4V TOTAL POWER WATTS NOMINAL TOTAL MAX MUSIC POWER

	XTR250.2	XTR600.2	XTR1200.2	XTR2000.2
14.4V	80 X 2	150 X 2	400 X 2	600 X 2
14.4V	125 X 2	300 X 2	600 X 2	1000 X 2
14.4V	250	600	1200	2000
NAL	500	1200	2400	4000
२	1000	2400	4800	8000

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#### **FOUR CHANNEL**

POWER DESCRIPRION RMS WATTS @ 4 OHM STEREO 14.4' RMS WATTS @ 2 OHM STEREO 14.4' RMS WATTS @ 4 OHM BRIDGE 14.4' TOTAL POWER WATTS NOMINAL TOTAL MAX MUSIC POWER

RION	XTR350.4	XTR600.4	XTR800.4	XTR1200.4	XTR2000.4
EREO 14.4V	65 X 4	90 X 4	130 X 4	200 X 4	300 X 4
EREO 14.4V	90 X 4	150 X 4	200 X 4	300 X 4	500 X 4
IDGE 14.4V	180 X 2	300 X 2	400 X 2	600 X 2	1000 X 2
NOMINAL	700	1200	1600	2400	4000
OWER	1400	2400	3200	4800	8000

#### ULTRA EFFICIENT CLASS D MONOCHANNEL STABLE 01 OHM POWER @ 12.6V

POWER DESCRIPTION	XTR500.1D	XTR900.1D	XTR1400.1D	XTR2200.1D	XRT3700.1D
RMS WATTS	230	350	550	950	1500
RMS WATTS ର 2 OHM MONO 12.6V	375	600	900	1700	2500
RMS WATTS ର 1 OHM MONO 12.6V	500	900	1400	2200	3700
TOTAL POWER WATTS NOMINAL 12.6V	1000	1800	2800	4400	7400
TOTAL MAX MUSIC POWER	2000	3600	5600	8800	14800



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#### 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.







#### **XTR MIDRANGES**

#### SERIES XTX FERRITE MAGNET SERIES XTH FERRITE MAGNET (PERFORMANCE PLUS AND MID HIGH FRECUENCY EXTENDED RANGE) (RICH MIDRANGE AND MID-BASS PERFORMANCE) SIZE 6.5" 10" SIZE 6.5" 8.0" 10" 6.5" 8.0" 10" 8.0" 10" 6.5" 8.0" POWER DESCRIPTION XTH64F POWER DESCRIPTION XTX64 XTX84 XTX104 XTX68 **XTX88** XTX108 XTH84F **XTH104F** XTH68F XTH88F **XTH108F** RMS POWER WATTS 300 350 450 300 350 450 **RMS POWER WATTS** 250 300 400 250 300 400 700 500 600 800 500 600 800 NOMINAL POWER WATTS 600 700 900 600 900 NOMINAL POWER WATTS MAX MUSIC POWER WATTS 1200 1400 1800 1200 1400 1800 MAX MUSIC POWER WATTS 1000 1200 1600 1000 1200 1600 80 IMPEDANCE 4Ω 4Ω 4Ω 8Ω 8Ω 8Ω IMPEDANCE 4Ω 40 40 80 8Ω 1.5" VOICE COIL 1.5" 2.0" 3.0" 1.5" 2.0" 3.0" **VOICE COIL** 1.5" 2.0" 3.0" 2.0" 3.0" 97.3 98.1 99.6 97.4 98.2 99.5 EFFICIENCY 98.4 100 98.3 98.8 100.2 EFFICIENCY 98 PAIRS PAIRS PC PAIRS PAIRS PC W/GRILLS W/GRILLS W/GRILL W/GRILLS W/GRILLS W/GRILL PAIRS PAIRS PC W/ GRILLS W/ GRILLS W/ GRILL PAIRS PAIRS SOLD IN SOLD IN W/ GRILL W/GRILLS W/GRILLS

#### **XTR TWEETER**

#### **XTR BULLET TWEETER**

PRODUCT		NOMINAL POWER	MAX POWER	VOICE COIL TYPE	VOICE COIL SIZE	EFFICIENCY
XTW250FD	80	160	320	CCAR	1"	104DB
XTW 350NE	90	180	360	CCAR	1"	112DB
XTW750FD	140	280	560	CCAW	1.75"	109.9DB
XTW950FD	150	300	600	CCAW	1.5"	111.8DB

#### **XTR BULLET TWEETER VOICE COIL KIT**

TW250FDRK	REPLACEMENT VOICE COIL
TW350NEK	REPLACEMENT VOICE COIL
TW750FDRK	REPLACEMENT VOICE COIL
TW950FDRK	REPLACEMENT VOICE COIL







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# 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 soundquality, 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.





#### **XTR COMPONENT KIT W/ CROSSOVER**

#### **XTR COAXIALS**

VER DESCRIPTION	XTR55.SC	XTR65.SC	POWER DESCRIPTION	XTR40.2	XTR46.2	XTR52.2	XTR57.2	X
SIZE	5.25	6.5"	SIZE	4"	4X6"	5.25"	5X7"	
RMS POWER WATTS	65	85	TYPE	2 WAY	2 WAY	2 WAY	2 WAY	
NOMINAL POWER WATTS	130	170	RMS POWER WATTS	45	45	60	60	
AX MUSIC POWER WATTS	350	450	NOMINAL POWER WATTS	90	90	120	120	
IMPEDANCE		4	MAX MUSIC POWER WATTS	250	250	300	300	
IMPEDANCE	4	4	IMPEDANCE	4	4	4	4	
XTR TW	EETER		POWER DESCRIPTION	XTR65.2	XTR65.3	XTR68.2	XTR69.2	хт
			SIZE	6.5"	6.5"	6X8"	6X9"	
POWER DESCRIPTION	XTR1.	100TW	ТҮРЕ	2 WAY	3 WAY	2 WAY	2 WAY	3
SIZE	1.0	00"	RMS POWER WATTS	60	75	60	85	
RMS POWER WATTS	5	0	NOMINAL POWER WATTS	120	150	120	170	
NOMINAL POWER WATTS	10	00	MAX MUSIC POWER WATTS	300	400	300	400	
MAX MUSIC POWER WATTS	20	00	IMPEDANCE	4	4	4	4	
IMPEDANCE		4						





# **SUBWOOFERS**



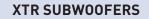
#### **ORION XTR SUBWOOFERS**

The new **XTR** Subwoofers 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.

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.



# **SUBWOOFERS**



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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

#### **XTR NTENSE SUBWOOFERS**

POWER DESCRIPTION	XTR102NT	XTR104NT	XTR122NT	XTR124NT	XTR152NT	XTR154NT
RMS POWER WATTS	600	600	800	800	1000	1000
NOMINAL POWER WATTS	1200	1200	1600	1600	2000	2000
MAX MUSIC POWER WATTS	2400	2400	3200	3200	4000	4000
IMPEDANCE	2+2	4+4	2+2	4+4	2+2	4+4
VOICE COIL	DVC	DVC	DVC	DVC	DVC	DVC

#### **XTR XTREME SUBWOOFERS**

POWER DESCRIPTION	XTR122DXX	XTR124DXX	XTR152DXX	XTR154DXX	
RMS POWER WATTS	1000	1000	1250	1250	
NOMINAL POWER WATTS	2000	2000	2500	2500	
MAX MUSIC POWER WATTS	4000	4000	5000	5000	
IMPEDANCE	2+2	4+4	2+2	4+4	
VOICE COIL	DVC	DVC	DVC	DVC	



#### **SUBWOOFERS**



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XTAPA



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

With the most powerful **XTR Pro** Subwoofer of all times together with the latest innovation used in its creation, the **XTR Pro** subwoofer 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** Subwoofer.

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** Subwoofer absolutely the best of its class in the market. Orion has also considered a very accessible and incomparable price to make the **XTR Pro** Subwoofer your favorite.

Orion has added a new re-cone kit system to the **XTR Pro** series, very similar to our super powerful HCCA subwoofer. 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 SUBWOOFERS**

POWER DESCRIPTION	XTR PR0102D	XTR PR0104D	XTR PR0122D	XTR PR0124D	XTR PR0152D	XTR PR0154D	
RMS POWER WATTS	900	900	1250	1250	1800	1800	
NOMINAL POWER WATTS	1800	1800	2500	2500	3600	3600	BLACK COIL
MAX MUSIC POWER WATTS	3600	3600	5000	5000	7200	7200	BLACK GUIL
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 SUBWOOFERS



XTRPR0102D RK XTRPR0104D RK XTRPR0122D RK XTRPR0124D RK XTRPR0152D RK XTRPR0154D RK

RECONE KIT FOR XTR PRO 10 INCHES WOOFER 2 0HM DVC RECONE KIT FOR XTR PRO 10 INCHES WOOFER 4 0HM DVC RECONE KIT FOR XTR PRO 12 INCHES WOOFER 2 0HM DVC RECONE KIT FOR XTR PRO 12 INCHES WOOFER 4 0HM DVC RECONE KIT FOR XTR PRO 15 INCHES WOOFER 2 0HM DVC RECONE KIT FOR XTR PRO 15 INCHES WOOFER 4 0HM 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.







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#### **TWO CHANNEL**

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

#### **FOUR CHANNEL**

POWER DESCRIPTION	HCCA1000.4	HCCA.1500.4	HCCA2000.4
RMS WATTS ര 4 OHM STEREO 14.4V	150 X 4	250 X 4	300 X 4
RMS WATTS ര 2 OHM STEREO 14.4V	250 X 4	375 X 4	500 X 4
RMS WATTS ର 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

#### **TWO CHANNEL CLASS H**

#### FOUR CHANNEL CLASS H

POWER DESCRIPTION	HCCA3000.2H	HCCA4000.2H	POWER DESCRIPTION	HCCA3000.4H	HCCA4000.4H
RMS WATTS ଜ 4 OHM STEREO 14.4V	900 X 2	1200 X 2	RMS WATTS ର 4 OHM STEREO 14.4V	450 X 4	600 X 4
RMS WATTS ଜ 2 OHM STEREO 14.4V	1500 X 2	2000 X 2	RMS WATTS ର 2 OHM STEREO 14.4V	750 X 4	1000 X 4
RMS WATTS ଜ 4 OHM BRIDGE 14.4V	3,000	4,000	RMS WATTS ର 4 OHM BRIDGE 14.4V	1,500 X 2	2,000 X 2
TOTAL POWER WATTS NOMINAL	6,000	8,000	TOTAL POWER WATTS NOMINAL	6,000	8,000

#### ULTRA EFFICIENT CLASS D MONOCHANNEL STABLE 01 0HM POWER @ 12.6V

POWER DESCRIPTION	HCCA5000.1D	HCCA8000.1D	HCCA11000.1D	HCCA17000.1D	HCCA20000.1D
RMS WATTS @ 4 OHM MONO 12.6V	1,700	4,000	5,500	8,500	10,000
RMS WATTS @ 2 OHM MONO 12.6V	3,000	6,000	8,000	12,000	15,000
RMS WATTS @ 1 OHM MONO 12.6V	5,000	8,000	11,000	17,000	20,000
TOTAL POWER WATTS NOMINAL 12.6V	10,000	16,000	22,000	34,000	40,000









#### **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.







#### **HCCA ORION MIDRANGE**



COMPLETE RECONE KIT

COMPLETE ASSEMBLY REPAIR KIT

HCCA-64NRK

HCCA-68NRK

HCCA-84NRK

HCCA-88NRK

HCCA-104NRK

HCCA-108NRK

HCCA-654NHPRK

HCCA-658NHPRK

HCCA-84NHPRK

HCCA-88NHPRK

HCCA-104NHPRK

HCCA-108NHPRK

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

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POWER DESCRIPTION	HCCA64N	HCCA84N	HCCA104N	HHCA68N	HCCA88N	HCCA108N
SIZE	6.5"	8.0"	10"	6.5"	8.0"	10"
RMS POWER WATTS	350	500	550	350	500	550
OMINAL POWER WATTS	700	1000	1100	700	1000	1100
AX 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 SOLD IN	99 PAIRS W/ GRILLS	99.9 PAIRS W/ GRILLS	101.3 PC W/ GRILLS	99.2 PAIRS W/ GRILLS	99.8 PAIRS W/ GRILLS	101.4 PAIRS W/ GRILLS

#### THE BEST MIDRANGE MADE ON THIS PLANET!

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

POWER DESCRIPTION	HCCA654NHP	HCCA84NHP	HCCA104NHP	HCCA658NHP	HCCA88NHP	HCCA108NHP
SIZE	6.50"	8.0"	10"	6.50"	8.0"	10"
RMS POWER WATTS	450	650	700	450	650	700
NOMINAL POWER WATTS	900	1300	1400	900	1300	1400
MAX MUSIC POWER WATTS	1800	2600	2800	1800	2600	2800
IMPEDANCE	4Ω	4Ω	4Ω	8Ω	8Ω	8Ω
VOICE COIL	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"
EFFICIENCY	98.8	102.8	103.9	99.1	102.9	103.9
SOLD IN	PAIRS W/ GRILLS	PAIRS W/ GRILLS	PC W/ GRILL	PAIRS W/ GRILLS	PAIRS W/ GRILLS	PC W/ GRILL

#### HCCA BULLET TWEETER VOICE COIL KIT

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

HCCATN1RK









#### THE NEW BLACK COIL HCCA SUBWOOFERS

HCCA makes an update to this already excellent subwoofer 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 SUBWOOFERS

POWER DESCRIPTION	HCCA102	HCCA104	HCCA122	HCCA124	HCCA152	HCCA154	HCCA152SPL	HCCA154SPL
RMS POWER WATTS	2000	2000	2500	2500	2500	2500	5000	5000
NOMINAL POWER WATTS	4000	4000	5000	5000	5000	5000	10000	10000
MAX MUSIC POWER WATTS	8000	8000	10000	10000	10000	10000	20000	20000
IMPEDANCE	2+2	4+4	2+2	4+4	2+2	4+4	2+2	4+4
VOICE COIL	DVC							
VOICE COIL TYPE	BLACK COIL							

#### THE ALL NEW BLACK COIL COMPLETE RECONE KIT FOR HCCA SUBWOOFERS

ovc
ovc















#### **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!



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#### **INSTALLATION ACCESSORIES**

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	PERFORMANCE RCA		FUSE HOLDERS
PRF-0.5	ORION WIRED PERFORMANCE SERIES RCA 0.5 METER / 1.8FT	OWFHM1414	MINI ANL FUSE HOLDER 4/8 GAUGE IN/OUT WITH ADAPTOR AND100A FUSE
PRF-1.0	ORION WIRED PERFORMANCE SERIES RCA 1.0 METER / 3.27 FT	OWFHM1010	MINI ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150A FUSE INCLUDED NICKEL FINISH
PRF-2.0	ORION WIRED PERFORMANCE SERIES RCA 2.0 METER / 6.55 FT	OWFH100HP	MINI ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 200A FUSE INCLUDED NICKEL FINISH
PRF-3.0	ORION WIRED PERFORMANCE SERIES RCA 3.0 METER / 9.83 FT	OWFHM30204 OWFHM30404	MINI ANL POWER DISTRIBUTION BLOCK THREE 0/2 IN AND TWO 2/4 GAUGE OUPUT NICKEL FINISH WITH 2 100A MINI ANL FUSE MINI ANL POWER DISTRIBUTION BLOCK THREE 0/2 IN AND FOUR 2/4 GAUGE OUPUT NICKEL FINISH WITH 4 100A MINI ANL FUSE
PRF-4.0	ORION WIRED PERFORMANCE SERIES RCA 4.0 METER / 13.10 FT	000200404	AND FUSE HOLDERS
PRF-5.0	ORION WIRED PERFORMANCE SERIES RCA 5.0 METER / 16.39 FT	OWFHANL1011A	ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
PRF-6.0	ORION WIRED PERFORMANCE SERIES RCA 6.0 METER / 19.67 FT	OWFHANL1022B	ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
	ORION WIRED PERFORMANCE SERIES RCA Y ADAPTER 1 FOOT	OWFHANL2033BA	A ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
PRF-Y2MMP	2 MALE 1 FEMALE (PAIR 2 PCS)	OWFHANL2044SG	NANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH
PRF-Y2FFP	ORION WIRED PERFORMANCE SERIES RCA Y ADAPTER 1 FOOT 2 FEMALE 1 MALE ( PAIR TWO PCS)	OWFHANL20DIGI	/ ANL FUSE HOLDER 0/2 GAUGE IN/OUT WITH ADAPTOR AND 150 A FUSE INCLUDED NICKEL FINISH DIGITAL VOLT METER POWER GROUND DIST BLOCK
	PREMIUM RCA	DB10102428	DISTRIBUTION BLOCK 0/2 GAUGE IN ONE 0. TWO 4 AND TWO 8 GAUGE OUT NICKEL FINISH
XW-0.5	ORION WIRED PREMIUM SERIES RCA 0.5 METER / 1.8FT	DB20202428	DISTRIBUTION BLOCK TWO 0/2 GAUGE IN TWO 0, TWO 4 AND TWO 8 GAUGE OUT NICKEL FINISH
XW-1.0	ORION WIRED PREMIUM SERIES RCA 1.0 METER / 3.27 FT		FUSES MINI ANL
XW-2.0	ORION WIRED PREMIUM SERIES RCA 2.0 METER / 6.55 FT	MA 50	MINI ANL 50 AMP 5 FUSES PACK
XW-3.0	ORION WIRED PREMIUM SERIES RCA 3.0 METER / 9.83 FT	MA 60	MINI ANL 60 AMP 5 FUSES PACK
XW-4.0	ORION WIRED PREMIUM SERIES RCA 4.0 METER / 13.10 FT	MA 80	MINI ANL 80 AMP 5 FUSES PACK
XW-5.0	ORION WIRED PREMIUM SERIES RCA 5.0 METER / 16.39 FT	MA 100	MINI ANL 100 AMP 5 FUSES PACK
XW-6.0	ORION WIRED PREMIUM SERIES RCA 6.0 METER / 19.67 FT	MA 150	MINI ANL 150 AMP 5 FUSES PACK
	ORION WIRED PREMIUM SERIES RCA Y ADAPTER 1 FOOT	MA 200 MA 250	MINI ANL 200 AMP 5 FUSES PACK MINI ANL 250 AMP 5 FUSES PACK
XW-Y2MMP	2 MALE 1 FEMALE (PAIR 2 PCS) ORION WIRED PREMIUM SERIES RCA Y ADAPTER 1 FOOT	MA 200	FUSES ANL
XW-Y2FFP	2 FEMALE 1 MALE (PAIR TWO PCS)	ANL80	ANL 80 AMP FUSE 4 PCS
	PREMIUM COMPLETE AMPLIFIER KITS	ANL100	ANL 100 AMP FUSE 4 PCS
хwско	ORION WIRED PREMIUM SERIES FULL COMPLETE KIT O GAUGE	ANL150	ANL 150 AMP FUSE 4 PCS
XWCK4	ORION WIRED PREMIUM SERIES FULL COMPLETE KIT 4 GAUGE	ANL200	ANL 200 AMP FUSE 4 PCS
XWCK8	ORION WIRED PREMIUM SERIES FULL COMPLETE KIT 8 GAUGE	ANL250	ANL 250 AMP FUSE 4 PCS
	EXPERT POWER AND SPEAKER WIRES	ANL300	ANL 300 AMP FUSE 4 PCS
EXPPW050B	ORION WIRED EXPERT POWER WIRE 0 GAUGE 50 FT SPOOL FLEX BLUE		RING TERMINALS
EXPPW050T	ORION WIRED EXPERT POWER WIRE 0 GAUGE 50 FT SPOOL FLEX TRANSLUCENT	RTO	RING TERMINAL 0/2 GAUGE NICKEL FINISH
EXPPW4100B	ORION WIRED EXPERT POWER WIRE 4 GAUGE 100 FT SPOOL FLEX BLUE	RT4 RT200	RING TERMINAL 4/8 GAUGE NICKEL FINISH RING TERMINAL TWO 0/2 GAUGE NICKEL FINISH
EXPPW4100T	ORION WIRED EXPERT POWER WIRE 4 GAUGE 50 FT SPOOL FLEX TRANSLUCENT	RT244	RING TERMINAL TWO 0/2 GAUGE NICKEL FINISH
EXPS10200B	ORION WIRED EXPERT SPEAKER WIRE 2 X10 FLEX 200 FT		BATTERY TERMINAL
			BATTERY TERMINAL POSITIVA AND NEGATIVE
		BT0044	TWO 0 AND TWO 4 IN/OUT NOCKEL FINISH