



Valve-Tech Series

by Eden

WT-500

Gain

Control

Input





Introduction

The Eden Story

Since our beginning as a custom builder for professional artists and manufacturers in 1976, Eden Electronics has had one goal in mind: To build the highest quality bass amplification equipment possible. Our goal is truly realized with the David Series Bass Enclosures and World Tour professional amplification.

From the beginning, the key to our success was the development of high quality, innovative designs, coupled with the best possible quality control through in-house manufacturing of all key design elements. Each component in the Eden David and World Tour Series is hand built and tested in our new factory complex.

At Eden, each new cabinet design begins its life as a CAD model. Sophisticated relationships between speaker and cabinet size, air movement and baffle design are first designed with the assistance of specialized computer simulations. While CAD has revolutionized cabinet design, nothing replaces the trained human ear. Each Eden cabinet is carefully evaluated for sonic detail and voicing by our staff and professional bass players in real-world situations. The result is a marriage of technology and pure musical considerations: the Eden David Series Bass Enclosures.

All Eden enclosures are constructed with 5/8" thick void free plywood with full dado and rabbet jointing. Massive internal bracing prevents unwanted vibration and keeps the sound deep, tight and clear. Our exclusive Eden Cast Frame loudspeakers and Eden Cast Bell ultra low distortion tweeter horns are designed, hand-built and tested in our own factory

True to our goal of providing the professional bassist a "Never Compromise" solution to bass amplification, the hand-built World Tour Series amplifiers utilize the finest materials and highest quality control of any system on the market today. The exceptional tone quality of the World Tour Series is the result of a marriage of traditional vacuum tube technology with the reliability of modern solid state devices. The Eden design philosophy is at the heart of our sonically superior hybrid design. Maximum reliability in the amplification of natural bass sound without unwanted sound coloration.

At the heart of the power section is our massive toroidal transformer which provides the World Tour Series with more consistent regulation and sonic quality with less weight than traditional transformer design. For maximum rigidity and rejection of unwanted electromagnetic interference, Eden Amplifiers utilize a unique one-piece main chassis made from a single piece of heavy aluminum plate with 18 gauge steel chassis covers. Lock washers on all the screws prevent loosening from vibration, while on the job or on the road. In the unlikely event of an operational problem, Eden's state-of-the-art modular electronic construction allows for easy repair and simple upgrades. All World Tour Series amplifier systems come standard with rack mount kits, easily selectable AC voltages for international use and a rock-solid two-year world-wide warranty.

Finally, we believe that our world-class innovative products are only the beginning of the Eden story. Since our inception, we have built an unsurpassed reputation among players for our excellent Customer Service. We thank you for choosing Eden Amplification. We are certain you will find Eden products to be technically superior, with an unsurpassed musical quality. More importantly, you will find the staff at Eden to be your partner in your quest for sonic excellence and true bass tone.



We would like to thank all of the artists and players who have supported Eden over the years and made our success possible. We are very excited about the U.S. Music Corp. acquisition of Eden. This merger brings a new and exciting chapter in our history. U.S. Music Corp. brings a number of strong assets that Eden has always needed to move to the next level. First and foremost is the deep commitment to maintaining Eden's high quality of hand crafted "Made in USA" products. Secondly U.S. Music Corp is excited to initiate product improvements, product availability, R&D and the marketing capability to spread the word.

**The Leader in
Bass Amplification Technology**

EDEN[®]

NEVER COMPROMISE



WT800 WORLD TOUR

The WT-800 World Tour is number one choice of our touring Artists. With a tube hybrid stereo amplifier which we conservatively rate at 400 watts per side into 4Ω (800W bridged into 8Ω) with a minimum of 3dB of headroom, the WT800 is the perfect choice for the touring professional. Standard features include: switchable automatic compression, five-way semi-parametric tone control and electronic crossover, pre and post effect loops, stereo aux inputs, DI out with ground lift, headphone out, tuner out, and a thermostatically controlled fan.



WT600 ROADRUNNER

Rated at 300 watts per side into 4Ω (600w bridged into 8Ω), the WT-600 Road Runner is ideal for running bridge mono into a hi power speaker enclosure for a maximum performance compact rig. The WT600 has all the features of the WT800.



WP100 NAVIGATOR

Our WP100 preamp features a tube input stage, dbx type compression with variable threshold and rate controls, tube character control, enhance control, the famous Eden semi-parametric eq, front panel D.I. output control, mono pre-eq loop, stereo post-eq loop, side-chain loop with front panel blend pot, variable crossover, stereo led output meters, tuner out, a set of stereo and a mono XLR output, with a defeatable limiter. The front panel switches that defeat the compressor, enhance, mute, and turbo boost are duplicated on the WP100 lighted footswitch that connects via a standard, easily replaceable midi cable.



WT1000 BASS POWER AMPLIFIER

Features include 2 x 450 watts @ 4Ω , 1000 watts RMS mono bridged @ 4Ω . with a minimum of 3dB of headroom. Balanced inputs, dual $\frac{1}{4}$ " plugs, binding post, NL-4 output connections, international voltage selection and tone balance. The WT1000 also has front panel bridge, mono, stereo switch and automatic output limiting for maximum playability. Companion to the WP100.



WT1400 BASS POWER AMPLIFIER™

The new WT-1400 is available in early 2004. It has the same great features of the original WT-1000 with the addition of 40% more power and an all tube front end set up for that great warm classical tube tone. Over two horsepower of smooth audio output.

NEW FOR 2004 - ALL WORLD TOUR AMPLIFIERS NOW FEATURE NL-4 SPEAKER CONNECTORS

All Eden World Tour Series Amplifiers are supplied with rackmount hardware.





Amplifiers



WT550 TRAVELER

You'll find the WT550 Traveler to be unsurpassed in the market for its compact size and high output. The WT550 Traveler, is a hybrid tube design rated at 620 watts at 2 Ω and 500 watts @ 4 Ω with a minimum of 3dB of headroom. Standard features include: low noise compact design, -12dB input pad, switchable automatic compression, enhance control, headphone and tuner outputs, as well as a pro D.I. and full effect loop, input pad, and stereo aux. inputs. You can take it anywhere in the accessory shoulder bag. As with all World Tour amplifiers it comes with all of the international voltage selection available internally.



WT400 TRAVELER PLUS

The WT400 Traveler is our best bass guitar amplifier ever. It is a mainstay with touring professionals and back line companies. It produces an impressive 400 Watts RMS @ 4 Ohms with a minimum of 3dB of headroom. The sound is expanded with such features as 5 band semi parametric equalization, automatic compression, enhance control, headphone and tuner outputs, as well as a pro D.I. and full effect loop, input pad, and stereo aux. inputs. You can take it anywhere in the accessory shoulder bag. As with all World Tour amplifiers it comes with all of the international voltage selection available internally.



WT330 TIME TRAVELER

This is our newest generation of bass amplifiers. The Time Traveler features a warm studio sound quality, and very low noise levels. A redesigned sloped front panel allows easy access to the simplified control section with mid shift and bypass. A dbx style compressor with adjustable threshold is coupled to dual inputs and the renowned Eden enhance control. The Time Traveler has an entirely new feature: an optically coupled dynamic booster for bass and treble. This allows for the bass and highs to be solid and well defined from a whisper to a roar. It automatically compensates for playing level so that the sound quality is maintained. Additional features include, multiple patch points, auxiliary inputs, variable distortion, pre/post DI selection, mute to tune and a built in practice mode. Audition one at your local Eden Dealer.



VT300 ALL TUBE BASS GUITAR AMPLIFIER

Features include 300 watts @ 8 Ω OR 4 Ω , 4 band all tube tone controls, overdrive, compression with bypass, available with 6550 output tubes. 1/4" and NL-4 output connections. International voltage selection. With our unique selectable damping feature, you can get either vintage or modern amplifier out of the same circuit. Classic vacuum tube sound.

Speakers

D210T

Our original single front-vented 210 enclosure. As the first successful stand-alone 210 enclosure that did not require a sub woofer, the D210T changed the way players thought about bass reproduction. Featuring our exclusive EC-1060F cast frame woofers and E-2700 tweeter. The 210T has great warmth and plenty of definition.



D210XLT

A favorite with professionals, we consider this to be the best 210 enclosure available. Featuring our exclusive inhouse hand-made EC-1060XL cast frame woofers and an adjustable E-2700 cast bell tweeter. This little system has more deep bass than many other 4 x 10 designs. Its tight, deep, focused sound lets the true character of your instrument shine through.



D210XST

For those players who need a portable, high performance rig with even deeper low end than the D210XLT, we have designed a new 2 x 10" cabinet for our latest XST woofers. This new 2 x 10" cabinet handles more power than many 4 x 10" cabs on the market. The low end is full but tight, the mids are open and well defined and the highs are clear and crisp.



**NEW FOR 2004 - ALL DAVID EDEN SPEAKERS
NOW FEATURE NL-4 SPEAKER CONNECTORS**



Speakers



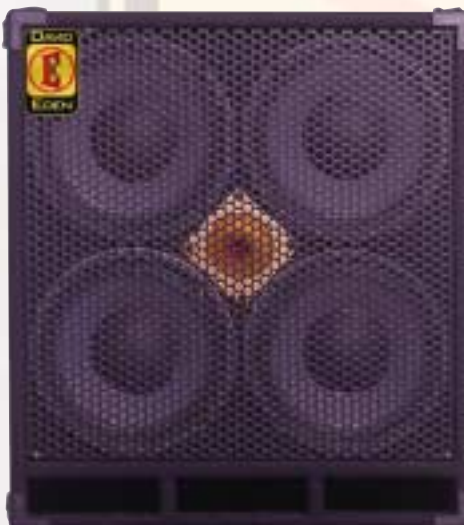
D410T

Bass Player Magazine described the D410T as having "balanced killer tone". We describe it as the best sounding bass cabinet in its class. Our innovative and distinctive sounding rear port helps bring the tight bass response and warm punchy mids into perfect harmony. The cabinet that has changed the direction of the industry.



D410XLT

The top performer's choice world-wide, our D410 XLT is the current industry standard for 410 enclosures. The optimally tuned dual ported enclosure design provides our exclusive XL model drivers with increased power handling. The XL's increased forward throw, additional 2 octave low-end response and live aggressive sound make its performance unsurpassed for main stage and high level applications.



D410XST

Our 1000 watt D410XST features a deeper, stronger low end than the XLT, and a more open transparent midrange, definition and exceptionally flat studio-like response along with reduced size and weight. The tone is wonderful, well-balanced with a smooth, effortless quality usually reserved for the studio. If you like high-definition and low distortion coupled with a big sound, this is well worth the auditioning.

Speakers

D810XLT

A behemoth bass cabinet featuring eight EC-1060XL cast frame woofers and one E-2700 cast bell tweeter, the 810XLT is the meanest 8-10 on the planet. The 810XLT's impressive 1400 watt power handling capacity gives you the ability to run high-power rigs for massive low-end authority, mid-response projection and still have enough headroom for sweet highs.

SUPER-DUTY HANDLES AND CASTERS FOR EASY TRANSPORTATION AND LIFTING.

EDEN CASES

High quality, heavy-duty cases are available for most of your Eden equipment. For further information on Eden cases, visit our website at: www.edenelectronics.com

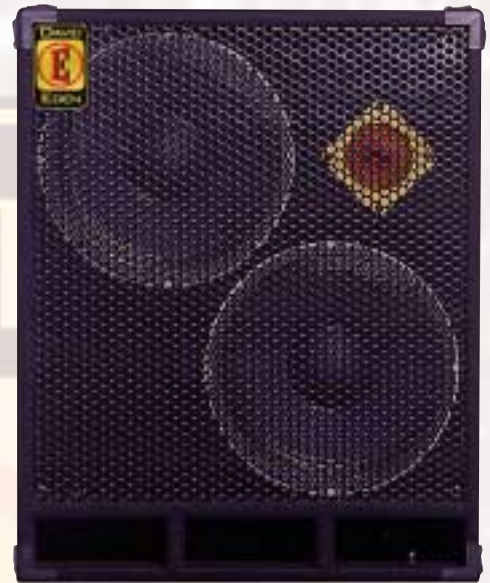




Speakers

D 2 1 2 X L T

The 2-12 plus tweeter design of this enclosure is perfect for the player who needs to cover a wide variety of playing situations. The exclusive twin EC-1260F woofers and E-2700 cast bell tweeter deliver a low-end response similar to a 15", but with the speed and smoothness of a 10" in the upper registers. Great for finger style players.



D 1 1 2 X L T

The D112XLT is the newest of the Eden XLT series. The D-112XLT features a strong aggressive character and an exceptionally open and sweet upper midrange coupled with that great Eden low end. This is a very versatile and sensitive speaker system. It goes from slap to rock to jazz or other styles with ease. It does all this in a tiny low weight package that's easy to transport. This sets a new standard for 1 X 12" bass enclosures.



D 1 1 5 X L T

Our high-powered 400 watt 15 inch two-way system that features a classic 15 inch sound with great transient response and rock solid low-end. This cabinet features our new cast-frame EC-1500XL woofer with three inch high temperature edge wound voice coil and our E-2700 cast bell tweeter.

D 1 1 5 X L (not shown)

This version without tweeter features the same great sounding EC-1500XL woofer and has optimized front porting.

D 2 1 5 X L T

Our updated version of that great 15" traditional 1970s bass sound. Deep, fat, and solid this 2 X 15" has great classic character without definition at high levels. It comes with kick back rollers and both top and side handles. It also features an adjustable tweeter and great punch.

D 2 1 5 X L (not shown)

This version without tweeter features the same great sounding D215XLT woofer and has optimized front porting.

Speakers • Monitors • Combos



D118XL

The EC-1800 Cast Frame woofer used in the D118 is responsive enough to play full range while delivering the strongest fundamental in the business. Matched with our 210 or 410 series, the D118 delivers a massive but musical low end response that your audience can feel. This is the fastest 18" you will ever hear



D210MBX

At the request of professional players, we fit our famous D210XLT system into a compact monitor package. The D210MBX retains all the sound quality and output level of the XLT enclosure. You'll be amazed at the incredibly high sound pressure level and tremendous low end response this little system puts out.



All Edén cabinet hardware has been designed for maximum durability and ease of use on the road.



Edén crossover components provide maximum flexibility and control of each enclosure.



METRO MH600

After many requests we have freed the Metro head from its combo connection and placed it in its own road case. It features the same great flexible tube/solid state dual channel preamp as the original Metro.



DC210XLT METRO

The new DC210XLT is the answer to requests for our highly acclaimed World Tour and David Series in a combo format. Our goal in designing the Metro was to create a self-contained unit that sacrificed none of the performance of our separates. The Metro's dual channel preamplifier section gives you the choice of both a tube and solid state preamp, with full footswitch control. Each channel includes an independent effects loop. With 500 watts into 4Ω (over 620w into 2Ω), the Metro truly outclasses any 2-10 combo on the market today. Standard features include: switchable automatic compression, five-way semi-parametric tone control and electronic crossover, independent channel effects loops, stereo aux input, headphone out, tuner mute on footswitch, internal speaker on/off, and -12dB pad. Footswitch and casters included.



C X C Series

CXC110

This tiny 110 Combo will handle a serious five-string bass player. The low end is deep enough for upright or standard electric basses. The tone is deep and solid on the low end. It is well defined and open in the mid-range with a smooth flawless transition to the coaxial tweeter. Great for small gigs, studio and rehearsals. The dual inputs make it great for teaching as well as playing. CX110 extension cabinet also available.



CXC210

A 2x10 system with a 10" coaxial top speaker. The compact size of this configuration is perfect for small clubs, studios, and rehearsals. A very sweet response that is perfect for all styles of music. Top handle for easier handling and redesigned loudspeakers for improved performance. CX210 extension cabinet also available.



CXC112

For those who need a little more than the 10" or just love the classic sound of a 12" speaker, this is the one for you. The CXC112 features a warm, throaty mid-bass with good low-end and a more mellow upper register. Perfect for P-bass and J-bass players. The 12" Eden coaxial gives the CXC112 a smooth balanced studio quality sound with plenty of level for playing small clubs and doing studio work. It is a great choice for a wide variety of playing situations.



CXC212

A 2x12 system with a 12" coaxial top speaker. Powerful response in a very compact footprint. Perfect for the professional player who needs coverage in a compact system. Especially nice sounding for P-Bass players! CX212 extension cabinet also available.



C X Series

CXC1015

Features a 15" woofer and a 10" coaxial mid high speaker. This system is perfect for players who seek great low end response with a deep full tone, in combination with crisp tight highs. Perfect for studios and multiple bass applications.



CXC410

A 4x10 system with a 10" coaxial top speaker. This is the power house of the CXC line. A very loud aggressive 4x10 enclosure, the CXC410's coaxial high frequency unit provides a very smooth mid high transition. The ultimate CX club rig.

CX110 MICRO BASS SYSTEM

This tiny powerhouse puts out more rock solid studio quality bass than many systems two and three times its size. The smooth transition of the coaxial speaker system will cover a very wide area with the same flawless tone wherever you stand. Amazing with upright basses, 5-strings, or fretless. Works well with the CXC110.



CX112 MICRO BASS SYSTEM

A compact single 12" speaker system with great warmth, smooth character and a great traditional sound. Perfect for P-bass and J-bass players. Great with all styles of music. Our point source coaxial speaker has an adjustable tweeter level as well. Works well with the CXC112.



ALSO AVAILABLE (but not shown)

CX1050 Dual front ported 1x15" plus a 10" coaxial speaker system, tweeter protector and level control.

CX410 Dual front ported 4x10" coaxial speaker system, tweeter protector and level control.

CX210 Dual front ported 2x10" coaxial speaker system, tweeter protector and level control.

CX212 Dual front ported 2x12" coaxial speaker system, tweeter protector and level control.

Specifications

	D210XST	D210XLT	D210T	D410XST	D410XLT
Speakers	EC-1060XS Cast Frame	EC-1060XL Cast Frame	EC-1060F Cast Frame	EC-1060XS Cast Frame	EC-1060XL Cast Frame
Tweeters	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell
Crossover	3.5KHz @ 18dB	3.5KHz @ 18dB	3.5KHz @ 18dB	3.5KHz @ 18dB	3.5KHz @ 18dB
Power Handling	450W RMS	350W RMS	250W RMS	1000W RMS	700W RMS
Frequency Response	30Hz - 14KHz	48Hz - 14KHz	62Hz - 14KHz	36Hz - 14KHz	50Hz - 14KHz
Sensitivity	103dB SPL	103dB SPL	103dB SPL	104dB SPL	106dB SPL
Impedance	4-8Ω	4-8Ω	4-8Ω	8Ω	4-8Ω
Dimensions	23" w x 18" h x 18.5" d	23" w x 19.5" h x 18.5" d	23" w x 17.5" h x 18.5" d	23" w x 25" h x 18.5"	23" w x 27.5" h x 18.5" d
Weight	59 LBS	68 LBS	60 LBS	95 LBS	98 LBS

	D410T	D810XLT	D112XLT	D212XLT	D115XLT
Speakers	EC-1060F Cast Frame	EC-1060XL Cast Frame	EC-1260M Cast Frame	EC-1260F Cast Frame	EC-1500XL Cast Frame
Tweeters	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell
Crossover	3.5KHz @ 18dB	3.5KHz @ 18dB	2.5KHz @ 18dB	3.5KHz @ 18dB	3.5KHz @ 18dB
Power Handling	540W RMS	1400W RMS	250W RMS	400W RMS	400W RMS
Frequency Response	80Hz - 14KHz	52Hz - 14KHz	32Hz - 14KHz	44Hz - 14KHz	46Hz - 14KHz
Sensitivity	105dB SPL	108dB SPL	103dB SPL	103dB SPL	100dB SPL
Impedance	4-8Ω	4-8Ω	8Ω	4-8Ω	8Ω
Dimensions	23" w x 23" h x 18.5" d	23" w x 52.5" h x 18.5" d	21" w x 15.25" h x 14.5" d	23" w x 27.5" h x 18.5" d	23" w x 25.5" h x 18.5" d
Weight	90 LBS	225 LBS	38 LBS	74 LBS	59 LBS

	D115XL	D215XLT	D215XL	D118XL	D210MBX
Speakers	EC-1500XL Cast Frame	EC-1560F Cast Frame	EC-1560F Cast Frame	EC-1800 Cast Frame	EC-1060 XL Cast Frame
Tweeters	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell	E-2700 Cast Bell
Crossover	3.5KHz @ 18dB	3.5KHz @ 18dB	3.5KHz @ 18dB	3.5KHz @ 18dB	3.5KHz @ 18dB
Power Handling	400W RMS	400W RMS	400W RMS	500W RMS	350W RMS
Frequency Response	46Hz - 2KHz	40Hz - 20KHz	40Hz - 2.5KHz	42Hz - 2.5KHz	62Hz - 14KHz
Sensitivity	100dB SPL	103dB SPL	103dB SPL	100dB SPL	103dB SPL
Impedance	8Ω	4-8Ω	4-8Ω	8Ω	4-8Ω
Dimensions	23" w x 25.5" h x 18.5" d	23" w x 38.5" h x 18.5" d	23" w x 38.5" h x 18.5" d	23" w x 27.5" h x 18.5" d	23" w x 17" h x 15" d
Weight	58 LBS	100 LBS	97 LBS	74 LBS	50 LBS

	WT330 TIME TRAVELER	WT400 TRAVELER PLUS	WT550 TRAVELER	DC210XLT METRO / MH600	
Power 8Ω/4Ω/2Ω	230/330/420W RMS	235/400W RMS	300/500/620W RMS	Power	2Ω/4Ω/8Ω
Power Mono Bridge	N/A	N/A	500W RMS @ 8Ω		300/500/620W RMS
Distortion	<.05%	<.1%	<.05%	Distortion	<.06%
Frequency Response	10Hz - 15KHz ±2dB	10Hz - 15KHz ±2dB	10Hz - 15KHz ±2dB	Frequency Response	10Hz - 15KHz ±2dB
Dimensions	13"W x 3.5"H x 12.5"D	12"W x 3.5"H x 12"D	12"W x 3.5"H x 12"D	Speaker	EC-1060XL Cast Frame
Weight	13 LBS	13 LBS	20 LBS	Tweeter	E-2700
				Dimensions	23" w x 24" h x 18.5" d /
				Weight	78 LBS

	WT600 ROADRUNNER	WT800 WORLD TOUR	WP100 NAVIGATOR	WT1000/ WT1400 WORLD TOUR	VT300 ALL TUBE AMPLIFIER
Power	2 X 300W RMS @ 4Ω	2 X 400W RMS @ 4Ω	N/A	2 x 430/500W / 2 x 525/725W RMS 4Ω/2Ω	300 W RMS
Power Mono Bridge	600W RMS @ 8Ω	800W RMS @ 8Ω	N/A	1000W / 1450W RMS @ 4Ω	N/A
Distortion	<.1%	<.1%	<.01%	<.06%	<.2%
Frequency Response	10Hz - 15KHz ±2dB	10Hz - 15KHz ±2dB	10Hz - 20KHz ±2dB	10Hz - 20 KHz ±2dB	20Hz - 15KHz ±2dB
Dimensions	17" w x 3.5" h x 12" d	17" w x 3.5" h x 12" d	17" w x 3.5" h x 12" d	17" w x 3.5" h x 14.5" d	19" w x 7" h x 11.5" d
Weight	22 LBS	26 LBS	12 LBS	28 / 33LBS	40 LBS

	CXC110	CXC210	CXC112	CXC212	CXC410	CXC1015
Power 8Ω/4Ω/2Ω	230/330/420W RMS	230/330/420W RMS	230/330/420W RMS	230/330/420W RMS	230/330/420W RMS	230/330/420W RMS
Speaker Power Handling	200W RMS	300W RMS	200W RMS	400W RMS	500W RMS	250W RMS
Frequency Response	36Hz - 20KHz	38Hz - 20KHz	42Hz - 20KHz	42Hz - 20 KHz	40Hz - 20 KHz	30Hz - 20 KHz
Coverage	100 degrees	100 degrees	100 degrees	100 degrees	100 degrees	100 degrees
Crossover	4KHz @ 18dB	4KHz @ 18dB	4KHz @ 18dB	4KHz @ 18dB	2KHz @ 18dB	4KHz @ 18dB
Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Dimensions	15.25" w x 20.5" h x 14.5" d	20.375" w x 24" h x 16" d	15.25" w x 30.5" h x 14.5" d	20.375" w x 32" h x 16" d	20.375" w x 34" h x 16" d	20.375" w x 32" h x 16" d
Weight	39LBS	68 LBS	49 LBS	78 LBS	80 LBS	80LBS

	CX110	CX210	CX112	CX212	CX410	CX1015
Speaker Power Handling	200W RMS	300W RMS	200W RMS	300W RMS	500W RMS	250W RMS
Frequency Response	36Hz - 20KHz	38Hz - 20KHz	42Hz - 20KHz	36Hz - 20 KHz	40Hz - 20 KHz	30Hz - 20 KHz
Coverage	100 degrees	100 degrees	100 degrees	100 degrees	100 degrees	100 degrees
Crossover	4KHz @ 18dB	4KHz @ 18dB	4KHz @ 18dB	4KHz @ 18dB	4KHz @ 18dB	4KHz @ 18dB
Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Dimensions	15.25" w x 16" h x 14.5" d	20.375" w x 28" h x 16" d	15.25" w x 25.75" h x 14.5" d	20.375" w x 3.5" h x 16" d	19" w x 7" h x 11.5" d	20.375" w x 32" h x 16" d
Weight	26 LBS	48 LBS	35 LBS	52 LBS	80 LBS	80 LBS



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