



HISTORY

History - Since 1973 Castle has been a loudspeaker manufacturer in the truest possible sense with both design and manufacture of their world famous speakers housed entirely in one factory. Castle is rare amongst loudspeaker manufacturers in that they not only manufacture the drive units and electronic components found in their speakers but also the beautifully hand crafted real wood veneered cabinets used to enclose them. When Castle was formed the founding concept was to be a complete loudspeaker manufacturer and despite changing times and the globalisation of manufacturing Castle still retain this as the basis for the company.

KNIGHT SERIES

Knight Series - The Castle Knight series is born of a complete understanding of acoustic principles, exceptional high-frequency clarity, depth of character and lustre - remarkable traits which reflect its outstanding performance. Featuring Castle's trademark of smooth and rich performance, a new standard in build and value in a package dedicated to high-quality stereo audio, whilst performing with speed and accuracy, characteristics that are important in enabling close acoustic matching to achieve the highest level of performance. Detail and neutrality are of utmost importance when building a loudspeaker, an evident characteristic shown throughout the design and construction of the Knight series.

High frequency driver - The Knight series was designed and manufactured using drive units and components built in-house, from the ground up - only possible because of our world-class research and development. The Knight series achieves superb high-frequency performance using a 'soft-dome' tweeter which produces a more controlled performance than metal equivalents and an innovative aluminium-core voice coil which matches and even exceeds the bandwidth possible from metal domes without having to worry about inherent problems. Accuracy of high frequencies is core to the ability of any loudspeaker to render three dimensional soundstages whilst providing high class acoustic performance.

Cabinet design & Bass driver - In most loudspeaker designs, room modes are easily excited by forward or rear-firing reflex ports, which can cause resonance and a resulting 'boom' at particular bass frequencies. Whilst giving an impression of an impressive bass response, this boom frequency masks all others making bass indistinct and slow. Using TPT (Twin-Pipe Technology), a new generation of transmission-line, vented through the speaker base - a system that couples the bass response within the cabinet enclosure using a twin-pipe quarter wave design to provide a smooth and even bass response which augments that from the main bass driver with clarity. Using a rigid yet light mixed-fibre cone material in the bass driver makes it fast enough to track the most complex score and its unique 'TPT' (Twin-Pipe Technology) transforms the performance of all its floorstanding speaker models, using the internal volume of the cabinet to extend the bass response without using unruly reflex ports. Adorned with the highest quality genuine wood veneer, the Knight series offers more than just a taste of high-end luxury.

Model	Product code	Description / Specifications	Finish	RRP
Knight One	Knight1M	Small bookshelf speaker in a real wood finish	Mahogany	699.00
	Knight1CH	Small bookshelf speaker in a real wood finish	Cherry	
	Knight1B	Small bookshelf speaker in a real wood finish	Black	



Format	book shelf / reflex
Bass	130mm x 1
Tweeter	25mm soft-dome
Amplifier Power	15 - 100 w
Nom. Imp	8 ohms
Sens.1W@1M	88db
Freq Range at -6 dB	46 hz - 24 khz
Height	290mm
Width	165mm
Depth	265mm
Net Weight	4.5kg 9.9lb
Picture Finish	Mahogany

"The Castle Knight series is born of a complete understanding of acoustic principles, exceptional high-frequency clarity, depth of character and lustre - remarkable traits which reflect its outstanding performance."
Carlton Audio Visual

Knight Two	Knight2M	Large bookshelf speaker in a real wood finish	Mahogany	999.00
	Knight2CH	Large bookshelf speaker in a real wood finish	Cherry	
	Knight2B	Large bookshelf speaker in a real wood finish	Black	



Format	book shelf / reflex
Bass	150mm x 1
Tweeter	25 mm soft-dome
Amplifier Power	15 - 125 w
Nom. Imp	8 ohms
Sens.1W@1M	90db
Freq Range at -6 dB	42 hz - 24 khz
Height	380mm
Width	200mm
Depth	335mm
Net Weight	7.85 kg 17.2lb
Picture Finish	Mahogany



"Super test winner for standmount loudspeakers under 1000 pounds"
HiFi World

Model	Product code	Description / Specifications	Finish	RRP
Knight Three	Knight3M	Small floor stand speaker in a real wood finish	Mahogany	1'299.00
	Knight3CH	Small floor stand speaker in a real wood finish	Cherry	
	Knight3B	Small floor stand speaker in a real wood finish	Black	



Format	floor / transmission-line
Bass	130mm x 1
Tweeter	25mm soft-dome
Amplifier Power	15 - 100 w
Nom. Imp	8 ohms
Sens.1W@1M	88db
Freq Range at -6 dB	38 hz - 24 khz
Height	760mm
Width	165mm
Depth	265mm
Ht on spike	820mm
Supplied with	spikes and spike seats
Net Weight	10.7 kg 23.5lb
Picture Finish	Mahogany

Knight Four	Knight4M	Medium floor stand speaker in a real wood	Mahogany	1'699.00
	Knight4CH	Medium floor stand speaker in a real wood	Cherry	
	Knight4B	Medium floor stand speaker in a real wood	Black	



Format	floor / transmission-line
Bass	130mm x 2
Tweeter	25mm soft-dome
Amplifier Power	25 - 150 w
Nom. Imp	8 ohms
Sens.1W@1M	90db
Freq Range at -6 dB	36 hz - 24 khz
Height	840mm
Width	165mm
Depth	270mm
Ht on spike	900mm
Supplied with	spikes and spike seats
Net Weight	12.5kg 27.5lb
Picture Finish	Mahogany



"the Knight 4's certainly didn't sound like an \$1800 pair of speakers, they punched well above their weight and didn't sound out of place on my system. Impressed - hell yeah. Go and audition a pair."
GARY PEARCE

Knight Five	Knight5M	Large floor stand speaker in a real wood finish	Mahogany	2'299.00
	Knight5CH	Large floor stand speaker in a real wood finish	Cherry	
	Knight5B	Large floor stand speaker in a real wood finish	Black	



Format	floor / transmission-line
Bass	150mm x2
Tweeter	25 mm soft-dome
Amplifier Power	25 - 200 w
Nom. Imp	8 ohms
Sens.1W@1M	90db
Freq Range at -6 dB	30 hz - 24 khz
Height	925mm
Width	200mm
Depth	335mm
Ht on spike	985mm
Supplied with	spikes and spike seats
Net Weight	20.0kg 44lb
Picture Finish	Mahogany



Single test
"excellent" 4/5
 "Finely finished, tastefully styled floorstander with a crisp, concise and open sound; needs a smooth source and sweet amplification to excel."

Model	Product code	Description / Specifications	Finish	RRP
Lincoln C2	LincolnC2M	Centre speaker to match the Knight series	Mahogany	699.00
	LincolnC2CH	Centre speaker to match the Knight series	Cherry	
	LincolnC2B	Centre speaker to match the Knight series	Black	



Pictured in cherry

Format	centre
Bass	130mm x2
Tweeter	25 mm soft-dome
Amplifier Power	25 - 150 w
Nom. Imp	8 ohms
Sens. 1W@1M	91db
Freq Range at -6 dB	65 hz - 40 khz
Height	165mm
Width	550mm
Depth	262mm
AV Shield	yes

COMPACT SERIES

Quality loudspeakers do not come any smaller than this. Following significant research into the optimum design requirements for a satellite speaker it quickly became apparent that any design smaller than the chosen size would lead to the significant sonic impairment of the system. Once this basic design parameter had been established, the Castle design team then concentrated on the design and construction of a cabinet as inert as possible and to the development of excellent drive units for installation in the cabinet.

Despite the compact size of the enclosure, Castle's team decided that a 15mm MDF board was the minimum acceptable to achieve the stiffness required. Both the internal and external surfaces of the board are fully veneered to further increase stiffness and long-term rigidity. This fundamental rigidity is then further enhanced by the extensive use of internal bituminous damping.

The Castle Compact Satellite uses two new drive units specifically developed for this project. The tweeter is a 19mm (3/4-inch) fabric dome with a neodymium magnet assembly; this unit, despite its small size, has been developed to have a large radiating area, ensuring optimum dispersion characteristics. This design has also been optimised for extended high frequency response and is one of the few tweeters capable of performance up to 40kHz, making it an ideal tweeter for use with DVD-A and SACD source material.

The 110mm (4 1/2-inch) bass-mid unit has been Klippel optimised and features a woven glass fibre material offering good internal damping, smooth response and excellent dynamic capability that is so required in modern AV speakers. The unit also features a four-layer voice coil, offering extended power handling and a magnet assembly featuring a copper cap on the pole for maximum dynamics and an aluminium ring to compensate for induction variances. These last two design items are normally only found in drive units retailing at significantly more than the Castle Compact Satellite.

Having successfully designed both the drive units and the cabinets Castle have ensured breathtaking performance by the careful integration of the elements into one complete system. The enclosure is a closed box design, facilitating easy room placement, which has a Q of 0.7 and a fs of 90Hz, the drive units are integrated into the cabinet by way of a fourth order Linkwitz-Riley crossover using both Polypropylene capacitors and balanced resistor technology in the tweeter section. All these combine to produce a speaker with both ease of placement and faithful rendition of any signal fed into them.

SATELLITE		Compact satellite speaker in a real wood	Mahogany	N/A
		Compact satellite speaker in a real wood	Cherry	



Frequency Response	70Hz - 40 kHz
Nominal Impedance	8 ohms
Amplifier Requirements	15-75 watts
Cabinet Type	Sealed enclosure
Bass Unit	110mm (4.5in.) Glass fbr
Treble Unit	20mm (3/4in.) Soft dome
Room Positioning	On or near wall
Height	200mm (8in.)
Width	140mm (5.5in.)
Depth	160mm (6.5in.)
Weight packed per pair	6.7kg (14.74lbs)
Picture Finish	Cherry



Column		Compact column speaker in a real wood	Mahogany	N/A
		Compact column speaker in a real wood	Cherry	



Frequency Response	45Hz-40kHz
Nominal Impedance	8 ohms
Sensitivity	89 dB for 1 watt at 1
Amplifier Requirements	15-100 wat
System Type	Reflex enclosure with
Bass Unit	2 x 110mm (4 1/2 in.)
Treble Unit	1 x 20mm (3/4 inches)
Dimions Height	850mm (33.5in.)
Width	140mm (5.5in.)
Depth	190mm (7.5in.)
Weight Each	10.6kg (23.3lbs)
Picture Finish	Cherry



Model	Product code	Description / Specifications	Finish	RRP
Centre		Compact centre speaker in a real wood	Mahogany	N/A
		Compact centre speaker in a real wood	Cherry	



Frequency Response	70Hz - 40 kHz
Nominal Impedance	8 ohms
Amplifier Requirements	15-100 watts
Cabinet Type	Sealed enclosure
Bass Unit	2 x 110mm (4.5in.) Glass fbr
Treble Unit	20mm (3/4in.) Soft dome
Room Positioning	On or near wall
Dimions Height	140mm (5.5in.)
Width	320mm (13in.)
Depth	160mm (6.5in.)
Weight packed per pair	5.5kg (12.1lbs)
Picture Finish	Cherry



Model	Product code	Description / Specifications	Finish	RRP
Cube Sub	CompactCubeM	Active subwoofer in a real wood finish	Mahogany	1'299.95
	CompactCubeCH	Active subwoofer in a real wood finish	Cherry	



Frequency Response	35Hz - 120Hz adjustable
Amplifier Requirements	150 watt amplifier
System Type	Reflex design
Bass Unit	250mm (10in.)
Height	350mm (14in.)
Width	350mm (14in.)
Depth	400mm (15.75in.)
Weight Packed	20kg (44lbs)
Picture Finish	Cherry



The Compact Cube is a 150-watt active sub woofer that has been designed to compliment the other elements of the Compact System. As the name suggests, this is a compact design, being a cube of around 350mm (14 inches) in size. Yet despite these compact dimensions the Cube packs a punch, the sort of punch you need to convey the realism of the sound tracks found in today's movies.

At the heart of the Compact Cube is a 150-watt discrete amplifier, which can provide the level required for the full enjoyment of the movie. The amplifier has a built in "Time Power Sense Limiter" to ensure high peak power output with no danger of overload conditions developing. The amplifier also includes an auto on/off function, which is signal sensing in its operation; this means that in operation it is as simple to use as possible.

This is matched to a 250mm (10 inch) high excursion bass unit, featuring an air dried paper cone, rubber surround, Kapton voice coil and flux-optimised high-power magnet system. All of which means that the speaker can translate the electrical information the amplifier delivers into audio you can enjoy.

To marry these two units together, the crossover is an extremely sophisticated unit allowing maximum flexibility of delivery whilst offering full system protection. It utilises a 6th order excursion-optimised FiNo (Fink-Notthoff) alignment for maximum output with the smallest possible cone movement. The crossover also incorporates a fully adjustable 2nd order 40-200 Hz upper frequency cut off for the Compact Cube as well as phase switching to allow seamless integration of the Cube both into the system and the room. Finally the output of the Compact Cube is fully adjustable both to ensure excellent system matching but also to allow further adjustments to compensate for variations in recordings.

All this is housed in a classic Castle cabinet, which benefits from over thirty years experience in the design of acoustic enclosures. The cabinet is again manufactured in MDF board, but in this case a far thicker grade is used. The 18mm board is again veneered on both sides and in this application also has an internal ring brace to further reduce unwanted vibrations within the cabinet. Unlike the other elements of the Compact's the Cube is a reflex design, meaning the cabinet is vented. To achieve this with no loss of detail, a large diameter double-trumpet port tube is utilised, firing downward toward the room floor, allowing easy room placement to be achieved.

Column Pack	Compact5.1+M	Pair Columns, Pair Satellites, Centre & Sub	Mahogany	2'999.95
	Compact5.1+CH	Pair Columns, Pair Satellites, Centre & Sub	Cherry	
Satellite Pack	Compact5.1M	2 pair of Satellites, Centre & Sub	Mahogany	2'499.95
	Compact5.1CH	2 pair of Satellites, Centre & Sub	Cherry	



" This system combines style with a winning sound, whether with music in stereo or movie soundtracks"
What HiFi

CLASSIC SERIES

Model	Product code	Description / Specifications	Finish	Trade	RRP
STIRLING 3	Stirling3M	Medium size floor stand speaker in real wood	Mahogany		2'499.95
	Stirling3CH	Medium size floor stand speaker in real wood	Cherry		



Frequency Response	45Hz-20kHz
Nominal Impedance	8 ohms
Sensitivity	91dB for 1w at 1m
Amplifier Requirements	25-150 watts
System Type	Downward firing reflex
Bass Unit	2 x 130mm (2 x 5 in.) woven carbon fibre coned. cast chassis
Treble Unit	28mm (1.25 inch) soft dome
Dimensions Height	845mm (33.25 in.)
Width	200mm (8 in.)
Depth	245mm (9.7 in.)
Weight Each	15kg (33 lbs)
Weight Packed	16.5kg (36.3 lbs)
Picture Finish	Cherry

Stirling 3

Thanks to programme of continuous research and development, Castle brings refinement to a new reflex ported design in Stirling 3, and replaces the world famous Severn model. For this completely new design, we have chosen fully shielded drive units to ensure optimum performance in both stereo and AV or multi-channel modes.

The drivers themselves, Castle's renowned 28mm soft dome tweeter, as used in their most expensive designs, and two 130mm die cast bass-mid units are deployed in a d'Apollito arrangement, with the bass units symmetrically placed above and below the tweeter. The improved image location conferred by this configuration makes the Stirling 3 the ideal companion speaker with which to fully exploit the latest developments in resolution audio technology.

The new design also uses a downward firing reflex port, venting between the cabinet and the plinth, this space being variable to allow for optimum room matching and more flexible placement options. The crossover, which uses audiophile components selected for their sonic quality, carries a terminal housing adapted for bi-wiring this advanced specification system.

And remember, Stirling 3's rigid, yet elegant 18mm MDF cabinet is available in a choice of eight real wood veneers.

CONWAY 3	Conway3M	Large size floor stand speaker in real wood	Mahogany		2'999.95
	Conway3CH	Large size floor stand speaker in real wood	Cherry		



Frequency Response	40Hz-20kHz
Nominal Impedance	8 ohms
Sensitivity	91dB for 1w at 1m
Amplifier Requirements	25-175 watts
System Type	Downward firing reflex
Bass Unit	2 x 150mm (2 x 6 in.) woven carbon fibre coned. cast chassis
Treble Unit	28mm (1.25 inch) soft dome
Dimensions Height	925mm (36.4 in.)
Width	220mm (9 in.)
Depth	270mm (11 in.)
Weight Each	21kg (46.2 lbs)
Weight Packed	23kg (50.6 lbs)
Picture Finish	Cherry



"Beautiful to look at, and to listen to, with superb tonal balance across the range"

"A great speaker at a sensible price, with lovely real wood finish and a beautifully balanced sound. Music has fine dynamic and transient expression."

HiFi Choice

Conway 3

The all-new Castle Conway 3 is the largest floor standing reflex ported speaker we have made for some years. It is also the most advanced. Its driver complement comprises our renowned 28mm soft dome HF unit, bracketed by two fully shielded, high power 150mm bass/mid units in a d'Apollito arrangement, for more precise imaging and greater projection.

The massive magnet assemblies used for the two bass units also contribute to a tighter, more dynamic sound quality, a feature re-inforced by the use of ultra-rigid 25mm MDF panels for the Conway 3's cabinet, ensuring that its 960mm height does not result in any loss of tightness or coherence of sound. In the same vein, the Conway 3's downward firing reflex port is tuneable to match the acoustics of the room, allowing greater placement flexibility and maximum performance from today's advanced digital programme sources.

A bi-wire crossover, using only the highest quality audiophile components further enhances the Conway 3's versatility and appeal. As you would expect from Castle, the home of craftsman technology, the Conway 3's stylish cabinet comes in a choice of eight standard veneers.

Model	Product code	Description / Specifications	Finish	RRP
HOWARD S3	HowardS3M	Castles top floor stand speaker in real wood	Mahogany	3'999.95
	HowardS3CH	Castles top floor stand speaker in real wood	Cherry	



Frequency Response	35Hz-20kHz
Nominal Impedance	8 ohms
Sensitivity	90dB for 1w at 1m
Amplifier Requirements	25-175 watts
System Type	Twin pipe quarter wave
Bass Unit	2 x 150mm (2 x 6 in.) woven carbon fibre coned, cast chassis
Treble Unit	28mm (1.25 in.) soft dome
Dimensions Height	1000mm (39.4 in.)
Width	210mm (8.4 in.)
Depth	335mm (13.25 in.)
Weight Each	26kg (57.2 lbs)
Weight Packed	28.5kg (62.7 lbs)
Picture Finish	Mahogany



"These are beautiful very well crafted speakers with a surprisingly even response. Their main assets are a brilliant midrange combined with fleshy bass, lack of annoying booming and rumbling and despite limited LF extension a wonderfully dense sound with exceptional stereophony."

Howard S3

Not so much a refinement of the Howard S2, but a total reworking of an old and trusted favourite, the Castle Howard S3 features a slightly more compact cabinet than the earlier model, with a twin-pipe internal design similar to the Harlech. Its two 150mm woven carbon fibre coned bass units, one forward firing, the other vertical, are tuned to different frequencies to give tremendous depth of bass, down to 32Hz, and room filling imagery.

The bass units share features found within other models in the Classic range, namely the shaped pole piece for improved dynamics, the copper coated aluminium voice coil wire for reduced moving mass and CasWire internal wiring for greater transparency. Additionally, the Howard S3 has a hard-wired crossover featuring top quality ICW capacitors and WBT terminals for the most secure connection possible to speaker cables.

As with all Castle speakers the Howard is available in a choice of eight real wood veneers, each one hand finished by craftsmen to the highest standard.

RICHMOND ANNIVERSARY

RICHMOND	RichmondL	Castles top book shelf speaker in real wood	Lacewood	1'499.95
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Enclosure Type	Bass reflex, with rear-firing port
Format	Bookshelf, Stand-Mount
Driver Complement	130mm Bass Unit; 19mm Dome Tweeter
Sensitivity	88dB
Frequency Response	60Hz – 20kHz
Recommended Amplifier Power	15 – 80W
Dimensions (H x W x D)	280mm x 165mm x 235mm
Net Weight	5.1kg each
Finish	Lacewood Only



"If you're after a very small speaker that offers 'that little bit extra' by way of good looks, high sound quality and also 'brand cachet', I can recommend Castle Acoustics' Richmond 'Anniversary' model."
greg borrowman

"A welcome update to a classic design that retains the key traits, while improving performance"
 "this is a talented and well thought-out speaker that warrants audition"
HiFi Choice

The Richmond Anniversary is Castle's smallest and first loudspeaker to redefine studio monitor sound and furniture quality craftsmanship. It offers exceptionally natural reproduction of musical instruments and voices across all musical genres. Its enhanced dynamics and transient capability bring musical richness and excitement that will have you exploring your entire music collection.

Castle engineers succeed in reducing panel resonance to below audibility by using multi-layer, composite panel materials, a loose fibre weave and bitumen damping pads to absorb internal sound waves. Additional internal bracing ensures that the dynamic capabilities of the drive units are fully realized. Special attention is also paid to the construction of the grille cover. The frame is composed of two different wood materials for added rigidity thereby minimising any form of resonance.

The new Richmond Anniversary employs a 130mm carbon fibre woven bass unit and a polyamide micro-fibre 19mm dome tweeter. The bass driver operates as a pure piston over its pass band and offers a remarkable bandwidth and superb dynamic performance. The tweeter has exceptionally wide bandwidth, with the upper limit of high frequencies extended to well beyond audibility. The use of a simple but thoroughly researched crossover network with Linkwitz-Riley slopes achieves superb linearity over a wide listening angle. Crossover components have core bass inductors, generously oversized air core inductors and Castle's proprietary, low-loss polypropylene capacitors.

Input to the crossover and drive units is via updated bi-wire terminals which accept bare wires, spade lugs, pins or 4mm plugs allowing your preference of speaker cable connection. Together with the crossover PCB layout, the bi-wire terminals allow full star grounding back to the amplifier for minimal crosstalk between the split frequency sections.

Beautifully veneered in real lacewood, specially chosen by highly experienced Castle cabinet craftsmen, some of whom have specialized in selecting the right veneer for each application for more than 30 years, the new Richmond Anniversary will complement conventional to modern room environments.

SPEAKER STANDS

Model	Product code	Description / Specifications	Finish	RRP
Z1	SR0315	Specifications		499.00



Features:
Rigid Column Construction
Excellent torsional rigidity
Improved grounding with floor
Spikes prevent flattening of carpet
Specifications:
Dimensions (WxHxD): 250 x 570 x 300mm
Gross Weight (kg): 19.0
Top Load Weight (kg): 80
Black only

Z2	SR0320	Specifications		299.00
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Features:
Rigid Column Construction
Excellent torsional rigidity
Improved grounding with floor
Spikes prevent flattening of carpet
Specifications:
Dimensions (WxHxD): 225 x 568 x 305mm
Gross Weight (kg) 12.0
Top Load Weight (kg) 50
Black only



"Can boost your speakers' detail, attack and openness"
What HiFi

SPEAKER CABLE

To get the best from your Castle loudspeakers we recommend QED speaker cables

Speaker cable is an essential component in any Hi-Fi or Home Cinema System. More than 30 years of product development, has led to QED becoming the market leader in award winning, high performance speaker cables to suit any budget. Our designers continuously challenge the frontiers, experimenting with new materials, construction and shielding to ensure QED speaker cables will always deliver the very best possible sound.

