



The **blucube** range of custom install speakers is an established line of high performance, flush mount, low profile, architectural loudspeakers. Now also incorporating hard-wearing, stylish weatherproof outdoor wall mounted speakers and great value contractor series.



Attenuation Switches

Each BluCube custom install speaker pair, from the CXL range,

features 6db attenuation switches for both woofers and tweeters. These allow the installer to fine tune the speakers output levels to match room designs, specific applications, or individual listening preferences.

Adjustable Impedance

The 4ohm/8ohm switch located on the PCB provides the installer increased flexibility in matching power output and impedance levels to optimise the systems performance.

Woven Kevlar Cones

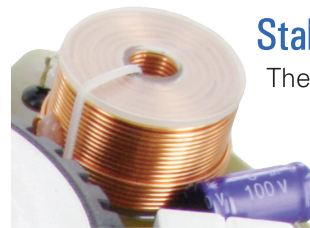
The CXL series of custom install speakers use DuPont Kevlar fibres. The woven Kevlar fibres used in the cone allows the woofer section to deliver better defined bass and at the same time producing a refined midrange bringing a cleaner, clearer listening experience.



Titanium Tweeters

The titanium dome tweeters in the BluCube CXL range deliver a smooth, crisp, controlled frequency response with detailed sound. They are able to handle more power and definition more consistently than soft dome tweeters and are protected by a polyimide auto-reset switch in the event of overload.

With a 30-degree tilt and full rotation swivel capability, the tweeter design allows for a tailored and optimised performance to match room design, or layout.



Stable Mountings

The two-piece baffle design in the BluCube custom install range allows the tweeter to be directly mounted on the bridge itself rather than the pole

mounting found in most current designs. This allows the speaker to handle more power with increased cone stability resulting in reduced harmonic distortion.

Durable Construction

All speakers are designed to deliver excellent performance in a full range of indoor listening environments. Polypropylene plastics and large cable gauges, for better signal transfer, will ensure many years of listening enjoyment. Blucube speakers carry a 5 year warranty.

Contractor Series

The CCL range is aimed at development opportunities or less frequently used rooms of the house where a the sophisticated sound of the rest of the range would be considered indulgent. They offer a good sound quality at an affordable price, have a conveniently shallow mounting depth and feature the same finish as the rest of the range with the magnetic low-profile grilles.

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blucube CXCL-800

The CXCL-800 is the highest performance in-ceiling speaker in the BluCube range. A two-way design featuring larger 200mm (8in) Kevlar bass/midrange driver and a 1" titanium tweeter this speaker offers a solution where more depth of sound is desired or where installation in a larger room is required.

Woofer	8" woven Kevlar, 1.25" voice coil, 25 oz magnet, bumped back plate, vented pole piece
Tweeter	1" titanium dome, ferro-fluid cooled, 30° swivel and pivot, neodymium magnet
Crossover	FR4 board with 18dB per octave network, +/- 3dB attenuation switches on woofer & tweeter 4ohm/8ohm switchable on PCB, Polyimide switch-auto protect reset switch, 14AWG connection to woofer section. Gold Plated terminals will accept 14AWG wire
Frequency response	40Hz-22KHz
Sensitivity	89dB at 1W/1M
Recommended amplifier power	10-150 watts
Impedance	4ohm/8ohm selectable on PCB
Cut out size	241mm (9.5")
Depth	120mm (4.72")

Paint mask, pre-mount bracket and cut out template included



blucube CXW-650

The CXW650 speakers provide high quality sound coverage to outdoor areas in all weathers or harsh environments such as swimming pools and wet rooms. The hard-wearing housings offer a stylish, weatherproof shell for the high quality audio components housed within. Behind the grille, on each model, an angled bass port prevents rainwater from entering the unit. They are designed to resist corrosion and have easy-fit keyhole fixings to allow horizontal or vertical mounting.

Woofer	6.5" PP cone with Mica, rubber surround, 1" voice coil,
Tweeter	25mm soft dome, ferro-fluid cooled, wide dispersion
Crossover	12db woofer section, 12db tweeter section, polyimide switch, auto protect reset switch over power protection.
Frequency response	55Hz-22KHz
Sensitivity	88dB at 1W/1M
Recommended amplifier power	10-150 watts
Impedance	8ohm
Cabinet	ABS with UV protection to prevent sun fade and discolouration.
Accessories	Aluminium grille, mounting bracket.

Available finishes, black or white



blucube CXCL-650

The CXCL-650 is a high performance easy to install in-ceiling speaker. The two way driver design, featuring a Kevlar bass/midrange driver cone coupled with a titanium tweeter and high quality cross-over create a crisp and controlled sound. This, along with the sleek, clean looking magnetically fitted rimless flat grille is what defines the BluCube range of in-ceiling speakers.

Woofer	6.5" woven Kevlar, 1" voice coil, 22 oz magnet, bumped back plate, vented pole piece
Tweeter	1" titanium dome, ferro-fluid cooled, 30° swivel and pivot, neodymium magnet
Crossover	FR4 board with 18dB per octave network, +/- 3dB attenuation switches on woofer & tweeter 4ohm/8ohm switchable on PCB, Polyimide switch-auto protect reset switch, 14AWG connection to woofer section. Gold Plated terminals will accept 14AWG wire
Frequency response	45Hz-22KHz
Sensitivity	88dB at 1W/1M
Recommended amplifier power	10-125 watts
Impedance	4ohm/8ohm selectable on PCB
Cut out size	202mm (7.95")
Depth	101mm (4")

Paint mask, pre-mount bracket and cut out template included



blucube CCL-650

An outstanding value for money pair of ceiling speakers. Despite its low price the CCL-650 delivers a decent all round performance. It is ideal for lower budget installations where wider audio coverage is desired and is perfect for property developers looking to add value to their projects.

Woofer	6.5" Polypropylene cone with Mica, 1" voice coil, UV treated foam surround
Tweeter	1" Mylar dome, Capacitor protected
Frequency response	55Hz – 22KHz
Sensitivity	88dB 1W/1M
Recommended amplifier power	10-125 watts per channel
Impedance	8 ohms
Cut out size	201mm (8.03")
Depth	75mm (2.95")

Paint mask and cut out template included



blucube CXCL-650-S

The CXCL-650-S is a single stereo version of the high performance CXCL-650. The twin voice coils and tweeters combine a stereo signal enabling just one in-ceiling speaker to be used in a room without the loss of an audio channel – this speaker is ideal for use in smaller rooms, such as bathrooms.

Woofer	6.5" woven Kevlar, 1" voice coil, 22oz magnet, bumped back plate, vented pole piece
Tweeter	Dual 19mm titanium dome, ferro-fluid cooled, 30° swivel and pivot, neodymium magnet
Crossover	FR4 board with 18dB per octave network, +/- 3dB attenuation switches on woofer & tweeter 4ohm/8ohm switchable on PCB, Polyimide switch-auto protect reset switch, 14AWG connection to woofer section. Gold Plated terminals will accept 14AWG wire
Frequency response	45Hz-22KHz
Sensitivity	88dB at 1W/1M
Recommended amplifier power	10-125 watts
Impedance	4ohm/8ohm selectable on PCB
Cut out size	202mm (7.95")
Depth	97mm (3.82")

Paint mask, pre-mount bracket and cut out template included



blucube CXRL-650-LCR

The new, low profile magnetic grille version of our 3-way speaker. Ideal for use in home cinema applications or as a stereo in-wall/in-ceiling pair (sold singly). A pair of 6 1/2" woofer combined with midrange drivers to give the ultimate performance and bass response. Single tweeter giving detailed dialogue reproduction

Woofer	2 x 6.5" Woven Kevlar cones, 25oz magnets, bumped back plate, 1" voice coils, vented pole piece
Tweeter	1" silk Dome Tweeter, Ferro-fluid cooled, Neodymium magnet, 30° swivel & pivot
Crossover	FR4 board, 18dB per octave for both woofer and tweeter sections, Polyimide auto-protective reset switch for tweeter, 16AWG wire connection to woofer section, gold plated terminal posts will accept 14AWG wire
Frequency response	40Hz – 22KHz
Sensitivity	89dB 1W/1M
Recommended amplifier power	10-150 watts per channel
Impedance	8ohm
Cut out size	483 x 194mm (19" x 7.6")
Depth	102mm (4")

Paint mask and cut out template included