

IN CEILING • IN WALL

The Kevlar Range

Custom Install Excellence

BluCube's CX Series of *In-Ceiling* and *In-Wall* speakers are a fresh new line of high output, flush mount speakers. Our new two-piece baffle design allows the tweeter to be directly mounted on the bridge itself rather than the pole mounting found in most current designs. This setup allows the speaker to handle more power with increased cone stability – resulting in decreased harmonic distortion.

FEATURES AND BENEFITS

Attenuation Switches: The CX Line features 6dB attenuation on all woofers, midrange and tweeters. Switches are located on the on the front baffle of all speakers, and allow the installer or end-user to fine tune the speakers output levels to match room designs, specific applications or individual listening preferences.

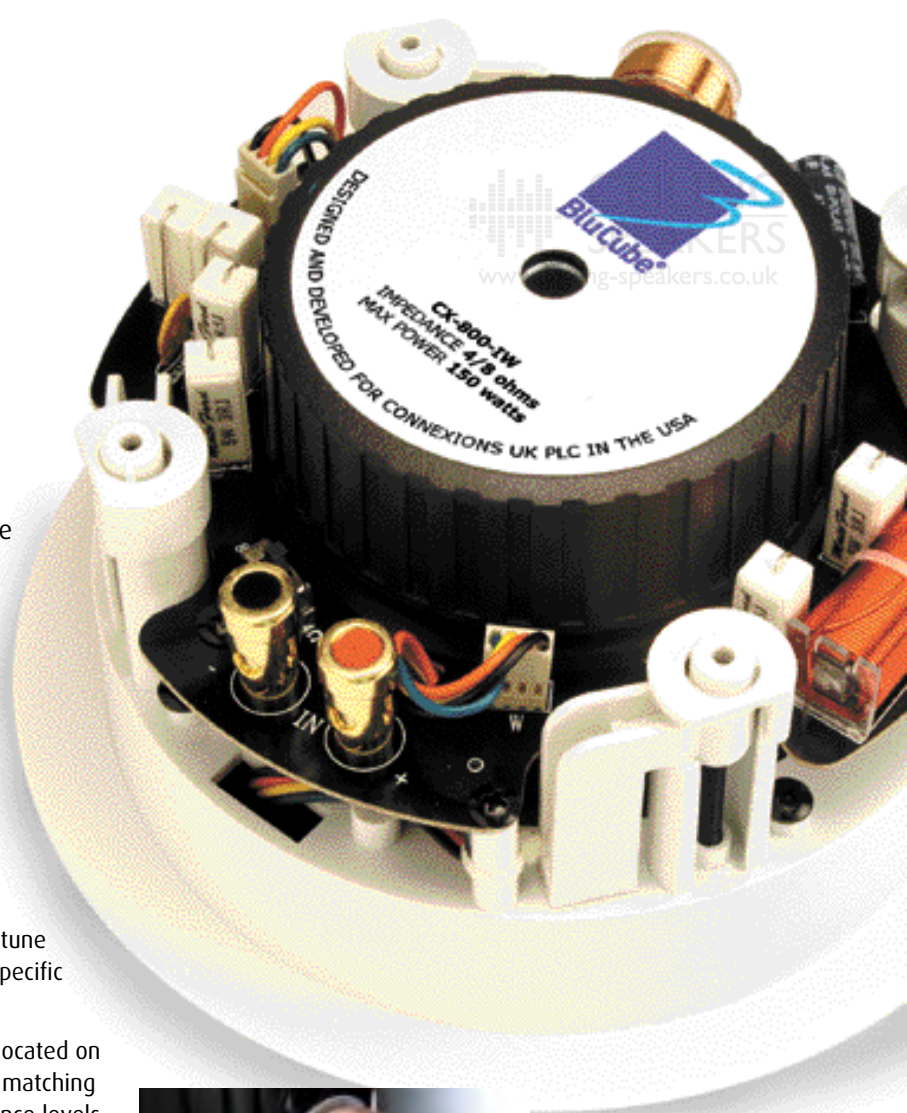
Adjustable Impedance: The 4 ohm, 8 ohm jumper located on the PCB provides the installer increased flexibility in matching power output and impedance levels to optimise your systems performance.

Two-Piece Baffles and Stable Tweeter Mountings: Our new two-piece baffle design allows the tweeter to be directly mounted on the bridge itself rather than the pole mounting found in most current designs. This setup allows the speaker to handle more power with increased cone stability – resulting in decreased harmonic distortion.

Woven Kevlar Cones: The CX Series uses DuPont fibers for durable and responsive woven Kevlar cones. The woven Kevlar cone lets the woofer section play more defined bass, and produces a refined midrange to bring a cleaner, clearer warmer listening experience.

Titanium Tweeters: The titanium dome allows for smoother frequency response output for the tweeter. The

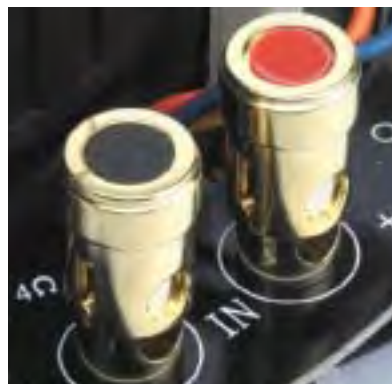
CX Series tweeters are able to handle more power and image more consistently than soft dome tweeters. Tweeters allow for a 30-degree tilt with full rotation swivel, allowing tailored and optimized performance to match any room design.



Skillfully Engineered Crossovers: Each speaker features crossovers that blend the sound spectrum seamlessly with skillfully engineered 12, 18 and 24db networks. The tweeters also feature polyimide switch auto

reset technology for high power protection. This will insure that that the tweeters will never be damaged in case of overpower.

Durable Construction: All speakers are designed for excellent performance in a full range of indoor listening environments. With PP Plastics, large wire gauges for better transfer of signal, rust-proof aluminum grilles. This will ensure many years of listening enjoyment.





CX-650-IC

6.5" In-Ceiling speakers

Woofers: 6.5" Woven Kevlar cone, rubber surround, 22oz Magnet, 1" voice coil, Bumped back plate, vented pole piece

Tweeter: 1" Titanium Dome tweeter, Ferro-fluid cooled, Neodymium magnet, Swivel 30 degrees

Crossover: Phonic PCB board, 18dB woofer section, 12dB tweeter section, Polymide auto protective reset switch for tweeter. 16AWG wire connection to woofer section. Gold plated terminal posts will accept 14AWG wire

Attenuation switches: +/- 3dB On woofer and tweeter

Frequency Response: 48Hz- 22KHz

Sensitivity: 88dB

Recommended amplifier power: 10-125 watts

Impedance: 4/8 ohm switchable on PCB

Cutout size: 7.95"

SHIPPED WITH GRILLES, FRAMES BRACKETS, PAINTMASK, CUTOUT TEMPLATES AND PRECONSTRUCTION BRACKETS



CX-650-IW

6.5" In-Wall speakers

Woofers: 6.5" Woven Kevlar cone, rubber surround, 22oz Magnet, 1" voice coil, Bumped back plate, vented pole piece

Tweeter: 1" Titanium Dome tweeter, Ferro-fluid cooled, Neodymium magnet, Swivel 30 degrees

Crossover: Phonic PCB board, 18dB woofer section, 12dB tweeter section, polymide auto protective reset switch for tweeter. 16AWG wire connection to woofer section. Gold plated terminal posts will accept 14AWG wire

Attenuation switches: +/- 3dB On woofer and tweeter

Frequency Response: 48Hz- 22KHz

Sensitivity: 88dB

Recommended amplifier power: 10-125 watts

Impedance: 4/8 ohm switchable on PCB

Cutout size: 11" X 7.55"

SHIPPED WITH GRILLES, FRAMES BRACKETS, PAINTMASK, CUTOUT TEMPLATES AND PRE-CONSTRUCTION BRACKETS



CX-650-SIC

6.5" Stereo Image speaker

In-Ceiling (for bathroom or smaller room sizes, where one speaker will suffice)

Woofers: 6.5", Dual 1" Voice coil, Woven Kevlar cone, 22oz Magnet, bumped back plate, vented pole piece

Tweeter: Dual 19mm Titanium Dome, Ferro-fluid cooled, 30 degree swivel and pivot, neodymium magnet,

Crossover: Phonic Board with 18dB per octave crossover for tweeters and woofer sections. Polymide switch-auto protect reset switch, over power protection for both tweeters. 16AWG wire connection to woofer section. Gold plated terminal posts will accept 14AWG wire

Frequency Response: 45Hz-22kHz

Sensitivity: 88dB

Recommended amplifier power: 10-100 watts per channel

Impedance: 8 ohm per channel

Cutout size: 7.95"

SOLD WITH GRILLES, FRAMES BRACKETS, PAINTMASK, CUTOUT TEMPLATES AND PRE-CONSTRUCTION BRACKET



CX-800-IC

8" In-Ceiling speakers

Woofers: 8" Woven Kevlar cone, rubber surround, 25oz Magnet, 1.25" voice coil, Bumped back plate, vented pole piece

Tweeter: 1" Titanium Dome tweeter, Ferro-fluid cooled, Neodymium magnet, Swivel 30 degrees

Crossover: Phonic PCB board, 18dB Woofer section, 12dB tweeter section, polymide auto protective reset switch for tweeter. 16AWG wire connection to woofer section. Gold plated terminal posts will accept 14AWG wire

Attenuation switches: +/- 3dB On woofer and tweeter

Frequency Response: 45Hz- 22KHz

Sensitivity: 89dB

Recommended amplifier power: 10-150 watts

Impedance: 4/8 ohm Switchable on PCB

Cutout size: 9.64"

SHIPPED WITH GRILLES, FRAMES BRACKETS, PAINTMASK, CUTOUT TEMPLATES AND PRE-CONSTRUCTION BRACKETS



CX-800-IW

8" In-Wall Speakers

Woofers: 8" Woven Kevlar cone, rubber surround, 25oz Magnet, 1.25" voice coil, Bumped back plate, vented pole piece

Tweeter: 1" Titanium Dome tweeter, Ferro-fluid cooled, Neodymium magnet, Swivel 30 degrees

Crossover: Phonic PCB board, 18dB woofer section, 12dB tweeter section, polymide auto protective reset switch for tweeter. 16AWG wire connection to woofer section. Gold plated terminal posts will accept 14AWG wire

Attenuation switches: +/- 3dB On woofer and tweeter

Frequency response: 45Hz- 22KHz

Sensitivity: 89dB

Recommended amplifier power: 10-150 watts

Impedance: 4/8 ohm switchable on PCB

Cutout size: 13" X 9"

Weight (pair pack): 15.75 LBS

Dimensions (pair pack): 17.75"(H) 13"(W) 13.75"(L)

SHIPPED WITH GRILLES, FRAMES BRACKETS, PAINTMASK, CUTOUT TEMPLATES AND PRE-CONSTRUCTION BRACKETS



CX-650-CIW

6.5" Center Channel In-wall Speaker

Woofers: dual 6.5" woven Kevlar cone, rubber surround, 27oz magnet, 1" voice coil video shielded

Tweeter: swivel 30 degrees, 1" teterone dome, ferro -fluid cooled, neodymium magnet

Crossover: Phonic PCB board, 12dB woofer section, 12dB tweeter section Separate polymide auto protective reset switch for tweeter

Frequency response: 45Hz-22KHz

Sensitivity: 88dB

Recommended amplifier power: 10-125 watts

Impedance: 8 ohm

Cutout size: 18.9" x 7.5"

Depth: 3.82"

Weight (single pack): 9.2 lbs

Carton dimensions (single pack): 6 1/8"(h) x 12"(W) x 23 3/8"(h)

SHIPPED WITH GRILLES, CUTOUT TEMPLATE, PAINT MASK

Value Range

With Polypropylene Cones

Our CXV Series are a fresh new line of high output, flush mount speakers with remarkable fidelity.

FEATURES AND BENEFITS

Two-Piece Baffles and Stable Tweeter Mountings: Our new two piece baffle design allows the tweeter to be directly mounted on the baffle itself rather than the pole mounting found in most current designs. This setup allows the speaker to handle more power with increased cone stability – resulting in decreased harmonic distortion.

Woofer: The CXV Series uses PP mica cones with butyl rubber surround.

Tweeters: The Mylar/Silk dome allows for smoother frequency response output for the tweeter. Tweeters allow for a 30-degree tilt with full rotation swivel, allowing tailored and optimised performance to match any room design.

Skillfully Engineered Crossovers: Each speaker features crossovers that blend the sound spectrum seamlessly with skillfully engineered 6, 12, 18 and 24db networks. The tweeter also features a built in automatic overload protection circuit. This will insure that the tweeters and midranges will never be damaged in case of overpower.

Durable Construction: All speakers are designed for excellent performance in a full range of indoor listening environments. With gold plated terminal post for up to 14 AWG wire connection for better transfer of signal, and rustproof grilles, you are ensured to enjoy years of pleasant listening.



CXV-650-SIC

6.5" Stereo Image In-ceiling speaker

Woofer: 6.5" PP cone with mica, Dual 1" Voice coil, 10oz Magnet, vented pole piece

Tweeter: Dual 19mm silk Dome, Ferro-fluid cooled, 30 degree swivel and pivot, neodymium magnet,

Crossover: Phonic Board with 12dB per octave crossover for tweeters and 6 dB per octave crossover for woofer sections - Polymide auto protect reset switch, over power protection for both tweeters. 16AWG wire connection to woofer section. Gold plated terminal posts will accept 14AWG wire

Frequency Response: 45Hz-22kHz

Sensitivity: 88dB

Recommended amplifier power: 100 watts

Impedance: 8 ohm per channel

Cutout size: 7.95"

Weight (single pack): 6.5 LBS

Carton Dimensions (single pack): H-8", W-11", L-11"

SOLD WITH GRILLES, PAINTMASK, CUTOUT TEMPLATES AND PRE-CONSTRUCTION BRACKETS



CXV-650-IC

6.5" 2-way In-ceiling Speaker

Woofer: 6.5" PP cone, rubber surround, 22oz Magnet, 1" voice coil, bumped back plate, vented pole piece

Tweeter: Swivel 30 degrees, 1" Teterone dome, Ferro-fluid cooled, Neodymium magnet, wide dispersion

Crossover: Phonic PCB board, 12dB woofer section, 12dB tweeter section, Polymide auto protective reset switch for tweeter

Frequency Response: 48Hz- 22KHz

Sensitivity: 88dB

Recommended amplifier power: 10-125 watts

Impedance: 8 ohm

Cutout size: 7.95"

SHIPPED WITH GRILLES, FRAMES, BRACKETS, CUTOUT TEMPLATE, PAINT MASK, AND PRE-CONSTRUCTION BRACKETS



CXV-800-IC

8" 2-way In-ceiling Speaker

Woofer: 8" PP cone, rubber surround, 25oz Magnet, 1.25" voice coil, bumped back plate, vented pole piece

Tweeter: Swivel 30 degrees, 1" Teterone dome, Ferro-fluid cooled, Neodymium magnet, wide dispersion

Crossover: Phonic PCB board, 12dB Woofer section, 12dB tweeter section, polymide auto protective reset switch for tweeter

Frequency Response: 45Hz- 22KHz

Sensitivity: 89dB

Recommended amplifier power: 10-150 watts

Impedance: 8 ohm

Cutout size: 9.60"

SHIPPED WITH GRILLES, FRAMES, BRACKETS, CUTOUT TEMPLATE, PAINT MASK AND PRE-CONSTRUCTION BRACKETS