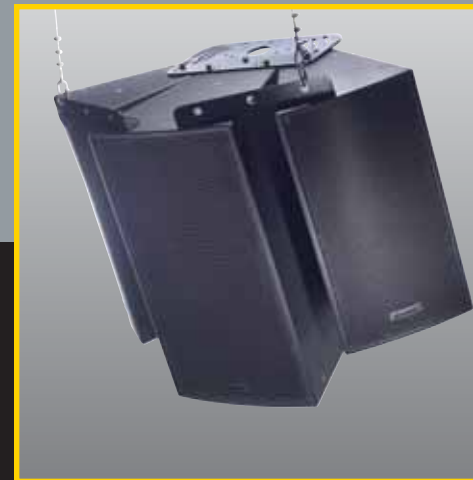


iBOX Series



Premium Quality
Installation Loudspeakers



A photograph of the interior of the Grand Theatre in Sydney, showing the ornate balcony and the rows of seats. The balcony is highly decorative with intricate carvings and is lit with warm, golden lights. The seats are arranged in rows, and the overall atmosphere is one of grandeur and elegance.

Inspired and sophisticated styles and sizes

iHPI200 Series

Community iBOX is a 20-model range of installation loudspeakers offering a straightforward approach to implementing arrays, clusters and distributed systems. The premium quality, large format systems are ideal for sound reinforcement in sports facilities, houses of worship, nightclubs and live sound venues. All iBOX loudspeakers are available in black, white or unfinished enclosures.

The iHPI200 Series combines a high-power 12-inch LF mid/bass driver with a 1.4" (36mm) exit / 2.87" (72.2mm) edgewound voice coil large format high frequency compression driver on rotatable, large format horns. Offering precise uniform coverage and arrayability are 6 models: **iHPI244** (40x40), **iHPI264** (60x40), **iHPI266** (60x60), **iHPI294** (90x40), **iHPI296** (90x60) and **iHPI299** (90x90). Each of the full-range cabinets can be used in biamp or passive mode and operates from 60 Hz to 18 kHz with power handling of 600W continuous.

For systems requiring greater LF extension Community provides the **iI12S** (single 12-inch Cool-Coil™ LF Driver) and **i2I2S** (dual 12-inch Cool-Coil™ LF Drivers) subwoofers in the same size enclosures, allowing aesthetically pleasing clusters with any cabinet combination.

iHPI500 Series

The iHPI500 series loudspeakers are premium quality, large format, full-range loudspeaker systems also offering the six rotatable HF horn options with the **iHPI544** (40x40), **iHPI564** (60x40), **iHPI566** (60x60), **iHPI594** (90x40), **iHPI596** (90x60) and **iHPI599** (90x90). These are combined with a high-power 15-inch mid/bass LF driver in a slightly larger enclosure than the I200 Series, which extends the LF response to 45 Hz. The driver complement consists of a 15" (380mm) high power low frequency driver and a 1.4" (36mm) exit / 2.87" (72.2 mm) edgewound voice coil compression driver. The large format rotatable horn flares deliver well controlled dispersion, and utilize high order crossovers to optimize system performance. The well controlled off-axis response enhances system performance when combined with other iBOX Mid/Hi and subwoofer elements.

As with the I200 Series, two same-dimension subwoofers are available to provide greater LF power and extension for larger systems. The **iI15S** (single 15-inch Cool-Coil™ LF Driver) and **i2I5S** (dual 15-inch Cool-Coil™ LF Drivers) subwoofers share the same cabinet profile and have been designed for integration with the iHPI500 Series full-range cabinets for aesthetically pleasing clusters and arrays.

iHP3500 Series

The iHP3500 Series are high performance 3-way systems, based on a third enclosure dimension which is slightly larger than the I500 Series. The **iHP3564** (60x40) and **iHP3594** (90x40) are large format, full-range systems. The driver complement in both consists of a 15-inch (380mm) high power low frequency driver, an 8-inch (205mm) horn loaded cone mid-range driver and a 1.4-inch (36mm) exit / 2.87" (72.2 mm) edgewound voice coil large format HF compression driver. High order crossovers optimize system performance and the large format horn flares deliver well controlled dispersion. Vocal quality and musical impact are enhanced by the carefully engineered horn loaded cone midrange. The well controlled off-axis response enhances system performance when combined with other iBOX full-range and subwoofer elements in clusters and arrays.

The **iI18S** and **i2I5LVS** are high power subwoofers, designed to complement the iHP3500 Series full-range cabinets with matching exterior dimensions to allow combinations in arrays and clusters that are acoustically and aesthetically designed to work together. A small footprint also makes these subwoofers an ideal choice for unobtrusive ground-stacking where space is limited. The iI18S uses a single 18-inch (460mm) high power driver while the i2I5LVS consists of dual 15-inch (380mm) high power low frequency drivers. The 15 and 18-inch drivers utilize Community's patented Cool-Coil™ technology to minimize power-compression and ensure long-term reliability. They are used in front loaded, ported, critically-tuned configurations.

M12 Monitor



The elegantly-styled M12 stage monitor system is a compact, no compromise solution that exceeds the demands of high performance monitoring. At a mere 10½ inches high and 21½ inches wide, the M12 offers clean sightlines for audiences and cameras, as well as superb performance for any entertainment venue. Operable between 55 Hz and 18 kHz, the two-way, bassported system utilizes a 12-inch woofer and a two-inch, wide-band compression driver coupled with a proprietary asymmetrical horn providing full-range output close-up or at a distance. The pattern for this unique horn is 90° vertical at the top and 40° at the bottom. The overall vertical pattern is 70°. The curva-linear multilayer glass composite enclosure is protected by Community's abrasion resistant, non-reflective, Tuf-Coat™ finish. The base plate of the M12 safely hides away dual NL4 compatible locking connectors and specially molded cable channels and clips which allow the user to route the cables out of the back, either side of the monitor, or directly on top of a stage box for invisible cabling. These cable exits also serve as lifting points and allow easy positioning of the monitor, with the rear point having a durable rubber carry handle. The M12 is offered in right-hand and left-hand mirror versions, and comes as standard in a biamp/passive switchable format. Available in elegant black and white finishes, the M12 is the new benchmark of on-stage monitor aesthetics and performance.

iLF2I8 Subwoofer



The iLF2I8 is an efficient, dual 18-inch subwoofer that can be used with any full-range iBOX loudspeaker system. It has exceptional punch, high output, and low distortion. The iLF2I8 uses a unique combination of techniques to keep voice coil temperatures low to avoid power compression that causes reduced output at higher volume levels. Ferrofluid efficiently transfers heat from the 4-inch voice coils to the motor structures. Active-Air cooling utilizes the bass ports to move outside air over the motor structures of each driver. Additionally, cone movement drives air through the vented magnet polepiece to cool the motor structures. Balanced Cone Loading (BCL) improves the linearity of the system by balancing the front and rear air loads. All of these features combine to reduce operating temperatures and avoid diminishing output at higher volumes. The enclosure has rigid internal bracing reducing sound energy losses from enclosure vibration. The iLF2I8 subwoofer is available in both black and white Tuf-Coat™ finishes.

iHPI2

i2I2S

iI12S

iHPI5

i2I5S

iI15S

iHP35

iI18S

i2I5LVS

Loudspeakers shown with grilles removed.

The advanced engineering behind the world's most versatile installation loudspeaker

Modular System Design

The iBOX series utilizes 3 clean and discreet enclosure sizes to deliver a full range of products with the same aesthetics and profiles. So whether it's a distributed system, an array, or a tight packed central cluster, iBOX delivers the next level in performance from an aesthetically pleasing point of view.

Minimal Tonal Variations

The crossovers in each respective series are voiced to eliminate the tonal and sound pressure level variations usually found in multiple horn pattern loudspeaker series.

Rotatable Horn Flares



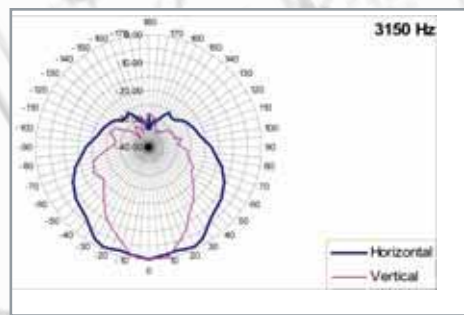
The installation environment often dictates the orientation in which a loudspeaker needs to be mounted. Most iBOX Mid/Hi loudspeakers include rotatable horn flares, allowing these loudspeakers to be installed either horizontally or vertically - however the environment demands.

Large Scale Horn Flares

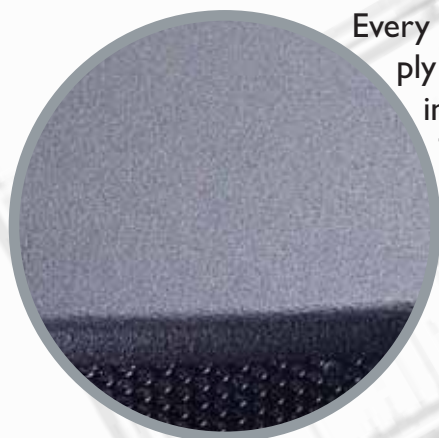
iBOX enclosure forms are designed to allow the maximum amount of space available for the horn flare. As a result iBOX utilizes larger horn flares than the competition for unrivaled pattern control.

Dispersion Patterns

iBOX loudspeakers have as many as 6 different dispersion pattern choices per enclosure, allowing 'no compromise' system design.



Robust Tuf-Coat™ Finished Enclosures



Every iBOX enclosure is ruggedly built using 13-ply Baltic birch plywood sealed with a nearly indestructible black textured finish called Tuf-Coat™. To insure unparalleled manufacturing consistency and quality, all millwork is performed using state-of-the-art CAD/CAM processes.



Selectable Crossover Modes -You Make the Switch

All iBOX full-range loudspeakers offer user selectable crossover modes and can be operated in passive or biamp mode. Additionally, three-way models have a passive crossover network between the HF and MF drivers in biamp mode, thereby allowing the HF/MF and LF to be powered separately. When running the system in biamp mode, the internal passive crossover is bypassed and an external signal processor is needed.

Sophisticated Crossover Networks

All iBOX loudspeakers utilize high order crossovers for optimum out-of-the-box performance. This reduces off-axis lobing, and helps to provide consistent coverage throughout the crossover region.

Connectors

All models include dual NL4-compatible locking connectors and a safety covered four terminal barrier strip input connector-for fast, simple, and reliable connections.



Arrayable

All iBOX loudspeakers are easy to fly and designed to work together, and utilize common dimensions for easily assembled arrays. Each enclosure has a total pitch of 30°.



Easy-to-Fly Hardware

All iBOX loudspeakers have been designed from the ground up with easy mounting and installation in mind, all centered around metric M10 hardware. Industry leading performance is meaningless without a comprehensive range of hardware. With an extensive selection of mounting options and technical sales support available from Community, iBOX loudspeakers deliver high performance and the ultimate solution for any installation.



iBOX Accessories and Mounting Brackets

Your array

Your method

Your choice

Horizontal Mounting Yoke



A standard U-type mounting yoke is available in 3 sizes for the iHP3500, iHPI500 and iHPI200 series loudspeakers. Order model number **IB-Y35** for the 3500 series, **IB-Y15** for the 1500 series and **IB-Y12** for the 1200 series. iBOX mounting brackets are offered in both black and white finishes.

Vertical Mounting Yoke



A vertical mounting yoke is also available in 3 sizes for the iHP3500, iHPI500 and iHPI200 series loudspeakers. Each kit includes 2 compound angle plates that attach to the sides of the enclosure and a yoke bracket to fasten to these plates for vertically mounting the loudspeaker. Ideal for theatrical applications, order model number **IB-VY35** for the 3500 series, **IB-VY15** for the 1500 series and **IB-VY12** for the 1200 series.

Universal Planar Kit



Community's universal planar kit (model **IB-UPK**) allows you to create clusters of 3 enclosures from the iHP3500, iHPI500 or iHPI200 series. When clusters of 3 same-size enclosures are created, up to a 45° splay between cabinet edges is possible. When clusters of 3 different-size enclosures are used in a "small-large-small" configuration, up to a 15° splay between cabinet edges is possible. The universal planar kit enables flying of a large subwoofer between two smaller cabinets, for example, two iHPI2's between an i215LVS subwoofer. Each kit includes 1 planar bracket, 2 planar angle plates and 3 M10 eyebolts.

Horizontal Fly Kit



The horizontal fly kit (model **IB-HFK**) facilitates the horizontal array hanging of 2 same-size enclosures with up to a 45° splay between cabinet edges. Each kit includes 2 planar spacer plates, 2 flykit spacer brackets and 4 M10 eyebolts. To horizontally array 3 same-size enclosures, simply utilize 2 horizontal fly kits; to horizontally array 4 same-size enclosures, use 3 kits; and so forth.

Tight Pack Kit



The tight pack mounting kit (model **IB-TPK**) allows you to economically tight pack 2 same-size enclosures into a cluster. Each kit includes 2 tight pack plates, 1 spacer bracket and 4 M10 eyebolts. To tight pack 3 same-size enclosures, simply purchase 2 tight pack kits; to tight pack 4 enclosures, use 3 kits; and so forth.

The tight pack kit should be used with same-size enclosures in the iHP3500, iHPI500 and iHPI200 series. A range extending to a 10° splay between cabinet edges is also possible using the tight pack kits.

Vari-Tilt Kit



As the name implies, Community's vari-tilt kit (model **IB-VTK**) allows you to vertically fly 2 enclosures 2-high at different horizontal and/or vertical aiming angles. Up to a 60° splay between the bottom edge of the top cabinet and the top edge of the lower cabinet is possible. Each kit includes 1 hang tab channel, 2 hang tabs, 1 turnbuckle, and 2 turnbuckle brackets. The vari-tilt kit can be used with same-size or different-size cabinets in the iHP3500, iHPI500 and iHPI200 series. A standard

U-type mounting yoke (IB-Y Series) must be purchased separately for each enclosure.

Vertical Fly Kit



The vertical fly kit (model **IB-VFK**) enables you to vertically array hang 2 same-size enclosures with up to a 45° splay between cabinet edges. Each kit includes 1 planar angle plate, 1 tight pack bracket, 1 flykit spacer bracket and

4 M10 eyebolts. To vertically array 3 same-size enclosures, employ 2 vertical fly kits; to vertically array 4 same-size enclosures, use 3 kits; and so forth.

Vari-Angle Kit



The vari-angle kit (model **IB-VAK**) facilitates flying single enclosures at a specific aiming angle. The kit includes 1 hang tab channel and 2 hang tabs, and can be used with the iHP3500, iHPI500 or iHPI200 series. The hang tab channel mounts directly onto the top of the enclosure for an aesthetically pleasing installation. However, a standard IB-Y mounting yoke bracket may also be purchased separately for use with each enclosure at the installer's discretion.

10mm Eyebolt Kit



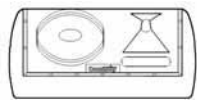
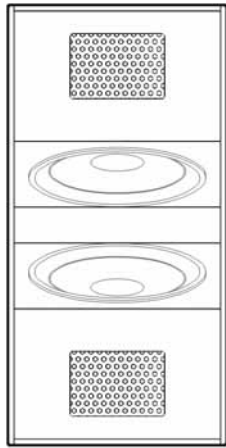
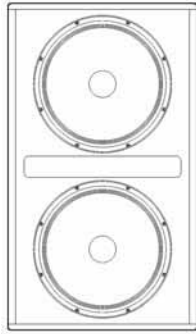
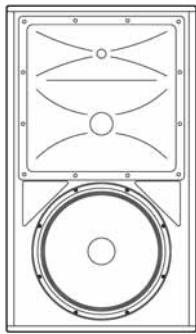
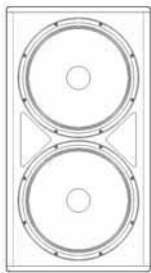
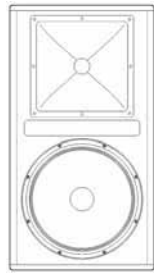
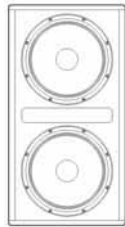
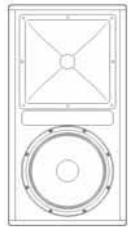
Each iBOX loudspeaker features 23 M10 load-rated rigging points plus 4 M8 OmniMount™ rear inserts. Kits of M10 eyebolts for suspending and rigging iBOX loudspeakers are available from Community. Each kit contains four black zinc plated M10 forged eyebolts.

All Community iBOX mounting kits are specifically designed and engineered for the iBOX series to provide a high degree of safety for supporting the loudspeaker cabinets. Available in black or white finishes to match the loudspeaker enclosure, bracket parts are made of black or white powdercoated steel. Hardware for attaching the bracket assembly kits to the enclosure are included. Each point is rated at 150 lbs working load limit (WLL) with a 15:1 safety ratio.

The only limitation...

is your imagination.

IBOX
INSTALLATION SERIES



Model	iHP12	iI12S	iI212S	iHP15	iI15S	iI215S	iHP35	iI18S	iI215LVS	iLF218	M12	
Loudspeaker Type	2-way, full-range	Ported Subwoofer	Ported Subwoofer	2-way, full-range	Ported Subwoofer	Ported Subwoofer	3-way, full-range	Ported Subwoofer	Ported Subwoofer	Subwoofer	2-way Stage Monitor	
Drivers	LF 1 x 12" HF 1 x 1.4"	LF 1 x 12"	LF 2 x 12"	LF 1 x 15" HF 1 x 1.4"	LF 1 x 15"	LF 2 x 15"	LF 1 x 15" MF 1 x 8" HF 1 x 1.4"	LF 1 x 18"	LF 2 x 15"	LF 2 x 18"	LF 1 x 12" HF 1 x 2"	
Frequency Response (-3dB free space)	80 Hz to 18 kHz	38 Hz to 100 Hz	45 Hz to 100 Hz	60 Hz to 18 kHz	45 Hz to 100 Hz	55 Hz to 100 Hz	80 Hz to 16 kHz	42 Hz to 100 Hz	48 Hz to 100 Hz	40 Hz to 125 Hz	55 Hz to 18 kHz	
Max Input Ratings (Passive Mode)	600W RMS 1500W Program	600W RMS 1500W Program	1200W RMS 3000W Program	600W RMS 1500W Program	600W RMS 1500W Program	1200W RMS 3000W Program	600 W RMS 1500W Program	600W RMS 1500W Program	1200W RMS 3000W Program	800W RMS 2000W Program	300W RMS 750W Program	
Max Input Ratings (Biamp Mode)	LF: 600W RMS, 1500W PGM @ 8 Ohms HF: 90W RMS, 180W PGM @ 8 Ohms	N/A	N/A	LF: 600W RMS, 1500W PGM @ 8 Ohms HF: 90W RMS, 180W PGM @ 8 Ohms	N/A	N/A	LF: 600W RMS, 1500W PGM @ 8 Ohms MF/HF: 100W RMS, 250W PGM @ 8 Ohms	N/A	N/A	N/A	LF: 750W HF: 160W	
Sensitivity 1W/1m (Free space)	iHP1244: 100 dB iHP1264: 99 dB iHP1266: 99 dB iHP1294: 99 dB iHP1296: 98 dB iHP1299: 98 dB	92 dB	96 dB	HP1544: 101 dB iHP1564: 100 dB iHP1566: 100 dB iHP1594: 99 dB iHP1596: 100 dB iHP1599: 101 dB	97 dB	100 dB	98 dB	97 dB	99 dB	99 dB	LF: 99 dB HF: 106 dB	
Crossover Frequency	1.5 kHz	N/A	N/A	1.5 kHz	N/A	N/A	500 Hz / 2 kHz	N/A	N/A	N/A	1.5 kHz	
Maximum SPL (1m)	Varies by model (see spec sheet)	120 dB SPL 127 dB SPL (peak)	127 dB SPL 134 dB SPL (peak)	Varies by model (see spec sheet)	125 dB SPL 132 dB SPL (peak)	131 dB SPL 138 dB SPL (peak)	Varies by model (see spec sheet)	125 dB SPL 132 dB SPL (peak)	130 dB SPL 137 dB SPL (peak)	128 dB SPL 135 dB SPL (peak)	124 dB SPL 131 dB SPL (peak)	
Nominal Impedance	8 ohms	8 ohms	4 ohms	8 ohms	8 ohms	4 ohms	8 ohms	8 ohms	4 ohms	4 ohms	8 ohms	
Nominal Dispersion (H x V)	iHP1244: 40° x 40° iHP1264: 60° x 40° iHP1266: 60° x 60° iHP1294: 90° x 40° iHP1296: 90° x 60° iHP1299: 90° x 90°	360° x 180°	360° x 180°	iHP1544: 40° x 40° iHP1564: 60° x 40° iHP1566: 60° x 60° iHP1594: 90° x 40° iHP1596: 90° x 60° iHP1599: 90° x 90°	360° x 180°	360° x 180°	iHP3564: 60° x 40° iHP3594: 90° x 40°	360° x 180°	360° x 180°	360° x 180°	40°-90° x 70° assymetric	
Input Connection	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors (4) Terminal Barrier Strip	(2) NL4-compatible locking connectors	(2) NL4-compatible locking connectors	
Enclosure	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch 30° total pitch angle TufCoat™ finish	13-ply Baltic birch, TufCoat™ finish	Multilayer glass composite TufCoat™ finish	
Finish	Black, white or unfinished	Black, white or unfinished	Black, white or unfinished	Black, white or unfinished	Black, white or unfinished	Black, white or unfinished	Black, white or unfinished	Black, white or unfinished	Black, white or unfinished	Black or white	Black or white	
Mounting/Rigging Provisions	(23) M10 rigging inserts (4) M8 OmniMount™ 120 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 120 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 120 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 120 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 120 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 120 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 240 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 240 inserts	(23) M10 rigging inserts (4) M8 OmniMount™ 240 inserts	(16) M10 rigging inserts	N/A	
Required Accessories	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	Active high pass filter	
Dimensions	Height Width (front) Width (rear) Depth	30.42 inches (773mm) 16 inches (407 mm) 6.8 inches (173 mm) 18.26 inches (464mm)	30.42 inches (773mm) 16 inches (407 mm) 6.8 inches (173 mm) 18.26 inches (464mm)	30.42 inches (773mm) 16 inches (407 mm) 6.8 inches (173 mm) 18.26 inches (464mm)	33.79 inches (858mm) 18.26 inches (464mm) 8.3 inches (211mm) 19.86 inches (505mm)	33.79 inches (858mm) 18.26 inches (464mm) 8.3 inches (211mm) 19.86 inches (505mm)	33.79 inches (858mm) 18.26 inches (464mm) 8.3 inches (211mm) 19.86 inches (505mm)	36.42 inches (925mm) 21 inches (533mm) 9.9 inches (251 mm) 21.99 inches (559mm)	36.42 inches (925mm) 21 inches (533mm) 9.9 inches (251 mm) 21.99 inches (559mm)	36.42 inches (925mm) 21 inches (533mm) 9.9 inches (251 mm) 21.99 inches (559mm)	22 inches (569mm) 45 inches (1141mm) 45 inches (1141mm) 28.8 inches (757mm)	10.5 inches (267mm) 21.5 inches (546mm) 21.5 inches (546mm) 20.75 inches (527mm)
Weight	82 lbs (37 kg)	75 lbs (34 kg)	97 lbs (44 kg)	91 lbs (41 kg)	86 lbs (39 kg)	112 lbs (50.8 kg)	123 lbs (55.8 kg)	99 lbs (44.9 kg)	128 lbs (58.1 kg)	215 lbs (97.5 kg)	56 lbs (25.4 kg)	
Shipping Weight	91 lbs (41.3 kg)	90 lbs (40.8 kg)	112 lbs (50.8 kg)	102 lbs (46.3 kg)	103 lbs (46.7 kg)	125 lbs (56.7 kg)	136 lbs (61.7 kg)	118 lbs (53.5 kg)	139 lbs (63.1 kg)	229 lbs (103.8 kg)	65 lbs (29.5 kg)	

Houses of worship
Theaters
Auditoria
Night clubs
Live sound or reinforcement
Sports facilities
Stadia
Audio-visual



iBOX
INSTALLATION SERIES



Modular system design

Large format, rotatable horn flares deliver excellent pattern control

A wide range of dispersion patterns provide flexibility

Large format 1.4" (36 mm) exit / 2.87" (72.2mm) voice coil HF drivers

Passive and biamp operating modes

(23) load-rated M10 rigging points

(4) M8 OmniMount™ inserts

Robust Tuf-Coat™ finish

Dual NL4-compatible locking connectors and barrier strip inputs

Extensive range of mounting hardware



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Phone (610) 876-3400 | Fax (610) 874-0190
www.loudspeakers.net

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