

UBX Series



UBX Series

Renkus-Heinz beam-steering
technology, now in a passive column

The Sound Solution



At Renkus-Heinz, audio is our passion. From the crack of a bat to the last note of a symphony, our mission is for the audience to experience every single sound with utmost clarity. For over 40 years, our loudspeaker engineers have raised the benchmark for audio performance with innovative technologies and sleek, sophisticated design.

Our sound systems deliver pristine audio to the world's most prestigious projects. From international airports and landmark museums to glass corporate atriums and marble cathedrals, Renkus-Heinz has The Sound Solution for any space.

The UBX experience

We believe audio should be an immersive experience. Well beyond the final play, the last curtain call or the closing words of a sermon, memories of an event endure. That's why we constantly pursue perfect audio and seek new technologies to enhance our products – to give the audience something to remember.

As the recognized world leader in digitally steerable arrays, we never want to settle for the status quo. Our goal is to provide our customers with more solutions to choose from. We've worked to adapt our renowned beam-steering technology for passive loudspeakers, providing a level of performance never before seen in passive columns.

Welcome to the UBX Series.





Cut to the chase.

Even in loud, high-traffic venues like airports and train stations, the UBX Series cuts through the noise to deliver intelligible audio with consistent coverage. With EN 54 certification, the UBX Series guarantees reliable voice messaging even during emergencies, so you can always trust critical announcements and alerts will be heard. With pristine, powerful audio and precise coverage, the UBX Series helps transportation venues run efficiently and safely.



Start making sense.

Intelligibility is key for learning and engagement. The crisp, consistent sound of our UBX Series is perfect for education environments, ensuring every student — no matter where they're seated — can hear the instructor clearly and stay engaged with the lesson. The UBX4's small size and consistent vertical coverage make it ideal for primary school classrooms while the larger UBX8 and UBX16 are well-suited for delivering clear audio in lecture halls, larger classrooms and auditoriums.



Divine clarity.

The high directivity of our UBX Series is the perfect solution for the highly reverberant spaces found in many houses of worship. By steering sound away from walls and ceilings to focus directly on the congregation, our Passive UniBeam™ Technology delivers clear, consistent audio for the whole community. The UBX Series offers you another way to ensure everyone can fully engage with the service and worship music – whether they're in the first row or the last.

Main street mood.

Even in high-traffic spaces like shopping malls, the UBX Series delivers clear, precise audio through tight vertical dispersion and constant directivity. Our Passive UniBeam™ Technology is perfect for both indoor and outdoor venues with open spaces, high ceilings or challenging acoustics. Where traditional loudspeakers deliver muffled or distorted audio due to the shape and size of a venue, the UBX Series ensures announcements and background music can be clearly heard by everyone in the space.





All-weather pleasure.

With inherent IP64 weather resistance and a compact, discreet design, the UBX Series is ideal for outdoor distributed audio systems like theme parks, open air venues or outdoor dining experiences. Our unobtrusive UBX Series loudspeakers blend subtly into their surroundings to help preserve your space's atmosphere while still delivering clear announcements, background music and sound effects — helping you create the perfect experience for your guests.

Meet the family.

The UBX Series family of passive columns includes three models: the UBX4, UBX8 and UBX16. Available in black and white, the UBX Series delivers consistent coverage and superior speech intelligibility in a wide range of applications. Tight vertical dispersion and high directivity provide excellent performance in high-traffic areas such as retail and transportation corridors. In larger systems, the UBX Series is an excellent choice for delay or fill loudspeakers. Each passive column is housed in a slender, unobtrusive cabinet that can be mounted plumb to the wall, ensuring the system blends smoothly into your space with minimal architectural intrusion.

The UBX Series is also weather-resistant (IP64) right out of the box. Heavy-duty aluminum extrusions and a weather-sealed gland nut protect the loudspeaker from dust and water from any direction. With additional resistance to chlorine, extreme salt and UV light, UBX Series loudspeakers will look as good as they sound for years to come.



UBX4

UBX8

UBX16

Technically perfect.

Engineered for ultimate audio quality and reliability, all UBX models are EN 54 certified and utilize state-of-the-art neodymium 3 in (77 mm) full-range drivers, resulting in an incredibly small footprint. Each model also features high-quality audio transformers for 70/100 V constant voltage operation in large, distributed audio systems. Combined with the narrow cabinet and thorough weatherproofing, the UBX Series delivers ultimate audio performance with maximal coverage and speech intelligibility — and minimal intrusion to your venue.





 **UBX4**

Frequency Response:	150 Hz to 15 kHz (-3 dB) ¹ 115 Hz to 18 kHz (-10 dB) ¹
Sensitivity:	91 dB (1 W / 1 m) ¹ 77 dB (4 m, per EN54-24) ²
Impedance:	12 Ohms
Power Handling:	30 W (100 Hr per EN54-24) 55 W (AES) 110 W (PGM) 220 W (PEAK)
70/100 V Transformer Taps:	70 V - 8 W (800 Ω), 15 W (400 Ω), 30 W (200 Ω), 60 W (100 Ω) 100 V - 15 W (800 Ω), 30 W (400 Ω), 60 W (200 Ω)
Maximum SPL:	114 dB Peak @ 1 m ¹ 92 dB @ 4 m (through transformer, per EN54-24) ²
Dispersion Horizontal:	120° horizontal below 5 kHz, 90° above 5 kHz ¹
Dispersion Vertical:	30° asymmetrical (+10°/-20°) with 7° average down-tilt above 2.5 kHz ¹
Coverage Angles:	500 Hz: 360° H x 125° V 1000 Hz: 200° H x 80° V 2000 Hz: 124° H x 43° V 4000 Hz: 154° H x 21° V
Transducers:	4 x 3 in (77 mm) full-range, high-sensitivity, treated-paper cone driver
Connector:	Covered screw terminals
Enclosure:	Extruded aluminum
Grille:	Perforated, bent aluminum
Finish:	Black (RAL9011) or White (RAL9010) paint
Weather Rating:	IP64 with salt spray, chlorine, and UV resistance
Certifications:	EN54-24
Operating Temperature:	-22 to 140° F (-30 to 60° C) with no direct sun exposure
Mounting:	W-WALL-UBX surface-mount pan bracket (included) W-WALL-UBX-PT pan/tilt bracket (optional)
Dimensions (w x h x d):	4-3/8" (111.4 mm) x 17-1/8" (435 mm) x 4-3/4" (120.7 mm)
Weight:	10.2 lbs (4.6 kg)

1. Standard measurements taken on axis
2. EN54 ratings measured at 6° down from on axis, the center of the driver array with loudspeaker mounted vertically



UBX8

Frequency Response:	140 Hz to 15 kHz (-3 dB) ¹ 115 Hz to 18 kHz (-10 dB) ¹
Sensitivity:	93 dB (1 W / 1 m) ¹ 79 dB (4 m, per EN54-24) ²
Impedance:	8 Ohms
Power Handling:	50 W (100 Hr per EN54-24) 110 W (AES) 220 W (PGM) 440 W (PEAK)
70/100 V Transformer Taps:	70 V - 12 W (350 Ω), 25 W (175 Ω), 50 W (88 Ω), 100 W (44 Ω) 100 V - 25 W (350 Ω), 50 W (175 Ω), 100 W (88 Ω)
Maximum SPL:	119 dB Peak @ 1 m ¹ 96 dB @ 4 m (through transformer, per EN54-24) ²
Dispersion Horizontal:	120° horizontal below 5 kHz, 90° above 5 kHz ¹
Dispersion Vertical:	20° asymmetrical (+5°/-15°) with 5° average down-tilt above 1.6 kHz ¹
Coverage Angles:	500 Hz: 360° H x 78° V 1000 Hz: 195° H x 39° V 2000 Hz: 124° H x 21° V 4000 Hz: 154° H x 12° V
Transducers:	8 x 3 in (77 mm) full-range, high-sensitivity, treated-paper cone driver
Connector:	Covered screw terminals
Enclosure:	Extruded aluminum
Grille:	Perforated, bent aluminum
Finish:	Black (RAL9011) or White (RAL9010) paint
Weather Rating:	IP64 with salt spray, chlorine, and UV resistance
Certifications:	EN54-24
Operating Temperature:	-22 to 140° F (-30 to 60° C) with no direct sun exposure
Mounting:	W-WALL-UBX surface-mount pan bracket (included) W-WALL-UBX-PT pan/tilt bracket (optional)
Dimensions (w x h x d):	4-3/8" (111.4 mm) x 30-3/8" (771.5 mm) x 4-3/4" (120.7 mm)
Weight:	16.4 lbs (7.4 kg)

1. Standard measurements taken on axis

2. EN54 ratings measured at 5° down from on axis, the center of the driver array with loudspeaker mounted vertically



 **UBX16**

Frequency Response:	135 Hz to 15 kHz (-3 dB) ¹ 110 HZ to 18 kHz (-10 dB) ¹
Sensitivity:	95 dB (1 W / 1 m) ¹ 79 dB (4 m, per EN54-24) ²
Impedance:	4 Ohms
Power Handling:	100 W (100 Hr, per EN54-24) 225 W (AES) 450 W (PGM) 900 W (PEAK)
70/100 V Transformer Taps:	70 V - 12 W (400 Ω), 25 W (200 Ω), 50 W (100 Ω), 100 W (50 Ω) 100 V - 25 W (400 Ω), 50 W (200 Ω), 100 W (100 Ω)
Maximum SPL:	124 dB Peak @ 1 m ¹ 99 dB @ 4 m (through transformer, per EN54-24) ²
Dispersion Horizontal:	120° horizontal below 5 kHz, 90° above 5 kHz ¹
Dispersion Vertical:	15° asymmetrical (+5°/-10°) with 4° average down-tilt above 1 kHz ¹
Coverage Angles:	500 Hz: 360° H x 45° V 1000 Hz: 195° H x 25° V 2000 Hz: 140° H x 18° V 4000 Hz: 160° H x 13° V
Transducers:	16 x 3 in (77 mm) full-range, high-sensitivity, treated-paper cone driver
Connector:	Covered screw terminals
Enclosure:	Extruded aluminum
Grille:	Perforated, bent aluminum
Finish:	Black (RAL9011) or White (RAL9010) paint
Weather Rating:	IP64 with salt spray, chlorine, and UV resistance
Certifications:	EN54-24
Operating Temperature:	-22 to 140° F (-30 to 60° C) with no direct sun exposure
Mounting:	W-WALL-UBX surface-mount pan bracket (included) W-WALL-UBX-PT pan/tilt bracket (optional)
Dimensions (w x h x d):	4-3/8" (111.4 mm) x 56-7/8" (1444.6 mm) x 4-3/4" (120.7 mm)
Weight:	29.6 lbs (13.4 kg)

1. Standard measurements taken on axis
2. EN54 ratings measured at 4° down from on axis, the center of the driver array with loudspeaker mounted vertically





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