



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

The PCX series from Renkus-Heinz delivers the precise coverage, high intelligibility, and renowned sound quality of their flagship Iconyx loudspeakers into the realm of passive column arrays. New for the PCX Series is our “Passive UniBeam Technology” which addresses each transducer with specially designed all-pass filter networks, gain shading, and additional frequency filtering in order to generate an asymmetrical vertical dispersion with constant directivity, delivering consistent front-to-back coverage with minimal side lobe artifacts.

The PCX Series utilizes state of the art neodymium 3” Full-Range drivers which allow for an incredibly small footprint. The narrow cabinet, combined with the Passive UniBeam coverage allow for flush-mounting via the included wall mount bracket result in the lowest possible architectural intrusion. All models in the PCX Series are weather resistant (IP65) out of the box with the included gland/conduit knock out input cover, and feature high quality audio transformers for 70V/100V constant voltage operation in large, distributed audio systems.

#### Applications

- The PCX Series delivers consistent coverage, and great intelligibility to a wide range of applications.
- The PCX16’s small size and consistent vertical coverage makes it the ideal loudspeaker for classrooms and small lecture halls.
- Inherent IP65 weather resistance and discrete size makes the PCX16 ideal for outdoor distributed audio systems in places like theme parks.
- Tight vertical dispersion, constant directivity deliver excellent performance in high traffic areas in retail, or transportation corridors.

#### PCX16

The PCX16 offers precise vertical pattern control and an unmatched combination of features in a surprisingly discrete package. Passive UniBeam technology offers incredibly consistent coverage and constant directivity even in flush mount configurations. Sixteen high-quality neodymium transducers deliver the impeccable sound quality Renkus-Heinz audio solutions are known for. The included 100w 70/100v transformer, wall-mount bracket and standard weather resistance make it simple to integrate into any system design.

## PCX Series

# PCX16

## Non-Powered Column Array with Passive UniBeam Technology



#### • Passive UniBeam Technology

Asymmetrical vertical dispersion, constant directivity, and inherent down angle deliver incredible coverage even when flush mounted.

#### • High Quality Audio Components

3” Neodymium full-range drivers, crossover components, and transformers were all selected for impeccable audio performance.

#### • Out of the Box Simplicity

Included panable wall-mount bracket and inherent weather resistance means the PCX16 is ready to go as soon as its out of the box.

### PCX16 Specifications

<b>Frequency</b>	120 Hz to 17 kHz (- 3dB)
<b>Response:</b>	75-20 kHz (-10 dB)
<b>Sensitivity:</b>	100 dB (1w/1m)
<b>Impedance:</b>	16 ohms
<b>Power Handling:</b>	240w (AES) 480w (PGM) 960w (PEAK)
<b>Transformer:</b>	70/100v Transformer 12w, 25w, 50w, 100w Taps
<b>Calculated Max. SPL:</b>	129 dB Peak (1m)
<b>Dispersion H:</b>	120° horizontal below 3 kHz, 90° above 3 kHz. x adjustable vertical
<b>Dispersion V:</b>	15 degrees asymmetrical with 5 degrees inherent downtilt (from 500 hz and up)
<b>Transducers:</b>	16 x 3 in. /77 mm, full-range, high sensitivity, treated paper cone driver
<b>Connector:</b>	Covered screw terminals.
<b>Enclosure:</b>	Extruded aluminum
<b>Grille:</b>	Perforated, bent steel.
<b>Finish:</b>	Black (RAL9011) or White (RAL9010) paint.
<b>Mounting:</b>	Flush-mount pan bracket (included) W-WALL-PCX pan/tilt bracket (optional)
<b>Dimensions:</b>	4-3/8" (111.4 mm) <b>w</b> 56-7/8" (1444.6 mm) <b>h</b> 4-3/4" (120.7 mm) <b>d</b>
<b>Weight:</b>	36lbs (16.3kg)

