



Ultimate Flexibility in a Smaller Array

The Iconyx Compact series brings the ultimate flexibility of the Iconyx to a smaller footprint array. An all-new twelve-channel digital amplifier powers twelve, 3"/77 mm full-range, high sensitivity, treated paper cone drivers. With an amplifier and DSP channel for each driver, all of the flexibility of Iconyx is now available in a package nearly 40% smaller than the classic Iconyx.

While the package is smaller the performance is not. Full RHAON II beam-steering allows for multiple conventional beams or unibeams, a freely movable acoustic center, multiple beam opening angles and high-pass filtering of individual beams. All with the fidelity and musicality expected of a Renkus-Heinz product.

Applications

- The IC Compact series brings high directivity and digital beam-steering to architecturally sensitive venues.
- Traditional houses of worship where high directivity is necessary for speech intelligibility and absolute minimal visual impact is needed.
- Corporate spaces and atria benefit from the high acoustic directivity and the clean modern, styling.
- In transportation hubs like airports and train stations the ICC 3 series offers new levels of intelligibility and fidelity in a compact loudspeaker.

The IC Compact series brings the performance and directivity of Iconyx to spaces where even the classic Iconyx arrays are too large. The very narrow cabinet will disappear into nearly any venue, while the very high vertical directivity of the ICC24/3 and the ICC36/3 can penetrate even the most challenging acoustics, making the exceptional performance of beam-steered line arrays to the most architecturally sensitive spaces.

The included wall-mount bracket makes mounting easy and is nearly invisible behind the arrays.

The IC Compact series is available in white and black standard, custom color matching is optional. Standard -RN units have analog and AES inputs, -RD1 units include Dante network audio. The ICC36/3 and ICC48/3 arrays include slave modules, reducing the cost of the taller arrays.

Iconyx Compact Series

ICC12/3-RN & RD Single Array Module

ICC24/3-RN & RD Two Module Array

ICC36/3-RN & RD Three Module Array

ICC48/3-RN & RD Four Module Array

Very Compact Digitally Steerable Line Arrays



- **Compact, slender enclosure**

All of the features of the classic Iconyx in a smaller, stylish, fully modular array system.

- **3"/77 mm Full-range drivers**

High fidelity components and constant driver spacing make the IC Compact series the most flexible compact array system available.

- **Custom Options available**

Custom color, weather resistant enclosures, Dante network audio and direct fiber optic Ethernet connections are all available.

Iconyx Compact Series Array Specifications

	ICC12/3-RN ICC12/3-RD1 (Dante)	ICC24/3-RN ICC24/3-RD1 (Dante)	ICC36/3-RN ICC36/3-RD1 (Dante)	ICC48/3-RN ICC48/3-RD1 (Dante)
Frequency Response:	160 Hz to 20 kHz (+/- 3dB)			
Sensitivity:	1.0 volt for rated output, analog			
Calculated Max. SPL:	95 dB (peak, half space @ 30 meters)	97 dB (peak, half space @ 30 meters)	98 dB (peak, half space @ 30 meters)	101 dB (peak, half space @ 30 meters)
Dispersion:	120° horizontal below 3 kHz, 90° above 3 kHz. x adjustable vertical			
Beam Control:	Steerable from 800 Hz and up Directivity from 400 Hz and up	Steerable from 400 Hz and up Directivity from 200 Hz and up	Steerable from 300 Hz and up Directivity from 150 Hz and up	Steerable from 200 Hz and up Directivity from 100 Hz and up
Aiming Angle:	Adjustable from -30° to +30°			
Vertical Opening Angles:	10° to 45° (computer adjustable, array height dependent)			
Transducers:	3 in. / 77 mm, full-range, high sensitivity, treated paper cone driver			
Connector:	2 x Phoenix, In & Loop-out, Analog and AES 2 x RJ45, primary & secondary Ethernet/RHAON/optional Dante			
Enclosure:	Folded aluminum			
Grille:	16 GA powder-coated, plated steel			
Finish:	Black (RAL9011) or White (RAL9010) paint, standard, custom color available			
Mounting:	W-WALL-IC3 wall mount bracket. (Qty. 2 for ICC36/3 & ICC48/3 models)			
Dimensions:	4-3/8" w 39-1/2" h 4-3/4" d 111 mm w 1003 mm h 121 mm d	4-3/8" w 78-3/4" h 4-3/4" d 111 mm w 2000 mm h 121 mm d	4-3/8" w 118" h 4-3/4" d 111 mm w 2997 mm h 121 mm d	4-3/8" w 157-1/4" h 4-3/4" d 111 mm w 3994 mm h 121 mm d
Weight:	26 lbs/12 kg	52 lbs/24 kg	78 lbs/35.5 kg	104 lbs/48 kg
Amplifier Specifications				
Power Output:	Twelve channels, 40 watts, @ 8 ohms, max. ea. Multi-band peak and thermal limiting on all channels protects the drivers.			
Mains Voltage:	100-240 volts, 50/60 Hz auto-switching			
Power Consumption:	Idle: 600 mW. 1/8 power: 60 W (onset of limiting) 1/3 power: 210 W (hard limiting) Note: one 12 ch. amplifier per module, multiply by number of modules in array for array total power draw.			
Power Connector:	IEC-C14 mains power			
Audio Connections:	2 x Phoenix In & Loop-out, Analog and AES, 2 x RJ45 Ethernet			
Latency:	9 ms			
User DSP:	Eight parametric filters, high & low shelf, high & low pass filters, delay to 340 ms.			
Software:	RHAON II & Dante Controller for Dante option			
Max. Input Level:	+22 dBu, Analog; 0 dBFS digital			
Network Connections:	2 x RJ45, Looping Ethernet/RHAON/optional Dante Optional direct Fiber Optic connection			
Temperature Limits	Max.: 140° F/60° C, with no direct sun exposure Min.: -22° F/-30° C, leave unit on to keep interior warm			
	Note: All analog inputs and outputs comply with AES Standard 48-2005 on interconnecting, grounding and shielding.			

