

Ultimate Flexibility in High-output Steerable Arrays

The ICLive X series brings a new level of flexibility for integrators, contractors, and production/rental houses alike to provide the best solution for any application. The ICLive X series is a complete system, designed from the ground up, consisting of three combinable, steerable-array modules, the ICLX, ICLXL, and the ICLLX; and one matching subwoofer, the ICLX-118S.

New for the ICLive X Series is Renkus-Heinz's exclusive Acoustic Source Multiplier (ASM) waveguide. The ASM reduces inter-driver spacing to its absolute minimum, insuring gradient-lobe free performance to very high frequencies. Additionally, the ASM allows the HF section to be coaxially mounted in front of the LF section, which produces consistent and symmetrical array of both high frequencies and low frequencies along the entire length of the array, which improves performance through the critical crossover region.

Applications

- The ICLXL and ICLLX are very high-output, high fidelity steerable array modules suitable for multiple applications.
- Used alone, the ICLXL or ICLLX can be a main loudspeaker in medium-sized rooms.
- In arrays with each other or the ICLX they achieve very high directivity for high output applications in the performing arts, production, corporate and HOW markets.
- Completely modular design can be arrayed with the each other or ICLX modules for the ultimate in array flexibility

ICLXL

The ICLXL and ICLLX steerable array modules comprises four, 19 mm compression drivers on an ASM Waveguide coaxially mounted in front of four 8" woofers. The ICLXL has the HF Array on top of the cabinet, and the ICLLX has the HF array on the bottom of the cabinet. The built-in amplifier has eight amplifier channels each with its own dedicated DSP channel.

The ICLXL and ICLLX by themselves are fully steerable down to 750 Hz, and the quad woofer arrangement maintains significant pattern control down to lower frequencies. The ICLXL and ICLLX are highly versatile loudspeakers intended to be used as extension modules for high output digitally steerable line arrays combined with the ICLX array modules. This provides the system designer with the horsepower, steerability and directivity to deliver consistent coverage and clarity for even the biggest shows in the most difficult spaces.

On it's own, the ICLXL or ICLLX can be used as main speakers for medium-sized rooms, portable on the matching subwoofer or mounted to the wall on it's install mounting bracket.

ICLive X Series

ICLXL & ICLLX

Four 8" LF + Four 19 mm HF Compact, High-output Steerable Array Modules



• Very High Output

Outstanding 140 dB Peak SPL performance in a space saving steerable array module.

• Quad Eight-inch Woofers for Excellent Bass Response

Strong performance to 75 Hz.

• Four, 19 mm Extended Range Mylar HF Drivers

Provide smooth, low distortion high frequency performance to 18 kHz and beyond.

• ASM Waveguide

Reduces apparent source spacing, minimizing the effect of high frequency gradient lobes.

ICLive XL and ICLive LX Array Module Specifications

	ICLXL	ICLLX
Frequency Response:	90 Hz to 15 kHz (-3dB) 75 Hz to 20 kHz (-10 dB)	
Sensitivity:	1.4 V RMS for rated output, analog	
Calculated Max. SPL:	138 dB Peak @ 1 m, 108 dB @ 30 m (single cabinet) 140 dB Peak @ 1 m, 110 dB @ 30 m (two or more cabinets)	
Dispersion:	120° horizontal x adjustable vertical	
Beam Control:	Steerable from 750 Hz and up Directivity from 375 Hz and up <i>When used singly</i>	
Aiming Angle:	Adjustable from -30° to +30°	
Vertical Opening Angles:	10° to 45° UniBeam (computer adjustable, array height dependent)	
Transducers:	LF: 4 x SSL8-22; HF: 4 x SSD-DE7-8; Replacement HF Diaphragm CD-DE7-8	
Array Location:	Must be arrayed on BOTTOM (HF ON TOP)	Must be arrayed on TOP (HF ON BOTTOM)
Enclosure:	13 ply birch plywood	
Grille:	16 GA powder-coated, plated steel	
Finish:	Black (RAL9010), White (RAL9011) paint, or Custom color	
Mounting:	12 x M6 UMH points; 1 x 1-3/8" / 35 mm pole socket. RHANG-ICLX flybar. HK-ICLX or HK-ICLX1 wall mount bracket.	
Dimensions:	9-1/2" w x 38-1/2" h x 13-1/4" d 241 mm w x 978 mm h x 337 mm d	
Weight:	70 lbs/31.8 kg	
Amplifier Specifications		
Power Output:	Eight channels, 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: 0.35 A (120 V) / 0.18 V (240 V). 1/8 power: 1.5 A (120 V) / 0.75 A (240 V) 1/3 power: 4 A (120 V) / 2 A (240 V)	
Power Connector:	Neutrik powerCON TRUE-1	
Audio Connections:	2 x XLR-3 (Mobile only), 2 x 6pin Phoenix block (Fixed only) In & Loop-out, Analog and AES	
Latency:	9 ms	
User DSP:	Eight fully parametric filters, high and low shelf, high and low pass filters, delay to 340 ms.	
Software:	RHAON II	
Max. Input Level:	+22 dBu, Analog; 0 dBFS digital	
Network Connections:	1x RJ45 (Fixed -RN only), 2 x RJ45, primary & secondary (Fixed -RD only) 2x Ethercon, primary & secondary (Mobile)	
Options:	Fixed or Mobile input plate, Fiber Option Connections (Fixed -RDO only), IP55 Weather Rating available (-WR Models)	

Note: All analog inputs and outputs comply with AES Standard 48-2005 on interconnecting, grounding and shielding.

