

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 two freely combinable, steerable-array modules, the ICLX and ICLXL, and a matching subwoofer, the ICLX-118S.

The ICLX-118S subwoofer is the perfect complement to the ICLive X series whenever additional bass is needed. They provide the visceral sub-bass impact provided only by well designed 18 inch subwoofers. Cutting edge high power woofers and rock solid enclosures in a classic vented, direct radiating design provide the natural uncolored bass audiences love.

The ICLX-118S subwoofers match other ICLX loudspeakers in appearance and also fully integrated into RHAON II, the Renkus-

Applications

- The ICLX-118S is a, high-output, direct radiating subwoofer that is an ideal complement to CA series full-range loudspeakers.
- Used singly it adds sub-bass extension or LFE for AV, House-of-Worship and other multi-media applications.
- In multiples, it's deep extension and large cone area provide chest thumping impact for all kinds of musical performance.
- A top-mount pole adapter allows easy, elevated support of a full-range loudspeaker for portable applications.
- Standard recessed handles for portable use are inconspicuous in installs.

Heinz Audio Operations Network, for full remote control and monitoring via a standard Ethernet network.

Designed in Power & Flexibility

Sixteen, M10 Universal Mounting Points allow the ICX-118S to be flown using M10 eyebolts, while the recessed handles and top-mounted pole adapter make portable use easy and practical.

The Built-in SA2000 power amplifier precisely matches the power needs of the ICLX-118S, provides optimal damping of the woofer and has factory optimized, multi-band limiting. The built-in amp eliminates the need for additional rack space and speaker cable runs, making adding a subwoofer to existing installs as simple as plugging it into power and running a signal to it.

Controlled via RHAON II, the SA2000's built-in DSP has eight, fully parametric EQ filters, high and low shelf and high and low pass filters and up to 340 ms. of delay. All easily accessed via a Windows computer running RHAON II.

The ICLX118S-RD adds Dante digital signal distribution capability including network redundancy and AES67 compatibility.

ICLive X Series

ICLX-118S

High Output Direct Radiating 18" Subwoofer



- **High Output**
Outstanding, 35 Hz to 120 Hz, 135 dB peak SPL performance.
- **Eighteen-inch Woofer for Excellent Bass Response**
Strong performance to 35 Hz.
- **Versatile**
Recessed handles and pole cup for mobile use.
- **Optimal Subwoofer Fidelity**
Direct radiating design with large ports assures deep, powerful bass without coloration or port noise.
- **SA2000 Amplifier**
SA2000 amplifier offers high output, full protection limiting, analog, AES and optional Dante inputs.

ICLX-118S-RN & RD Technical Specifications

ICLX-118S	
Connector:	2 x XLR-3, In & Loop-out, Analog and AES, 2 x RJ45 Primary & Secondary Ethernet
Sensitivity:	1 volt for rated output, analog
Power Handling:	LF 700 W AES @ 8 ohms
Latency:	6 ms plus any digital transport latency
Calculated Max. SPL:	135 dB (peak, half space)
Crossover Frequency:	120 Hz low-pass
Frequency Response:	35Hz to 120Hz (+/- 3dB)
Transducers:	Woofer: SSL18-7
Enclosure:	0.75 in./19 mm Lite Ply® plywood
Grille:	16 GA powder-coated, plated steel
Finish:	Black (RAL9010) or White (RAL9011) paint . Custom color matching available.
Mounting:	16 x M10 threaded Universal Mounting Points, M20 Threaded Pole adaptor
Weight:	104 lbs/47 kg.
Dimensions:	25-1/4" w x 23-1/2" h x 20" d / 640 mm w x 597 mm h x 508 mm d

SA2000 Amplifier Specifications

SA000-RN		SA2000-RD (Brooklyn II)
Audio Connections:	2 x XLR-3, In & Loop-out, Analog and AES 2 x RJ45 Primary & Looping Ethernet	2 x XLR-3, In & Loop-out, Analog and AES 2 x RJ45 Ethernet/Dante Primary & Secondary
Latency:	6.25 ms	6.25 ms Analog & AES 6.25 ms + Dante transport latency
Max. Input Level:	+22 dBu, Analog, 0 dBFS digital	+22 dBu, Analog, 0 dBFS digital
Network Connections:	2 x RJ45, Looping Ethernet/RHAON	2 x RJ45 Dante Primary & Secondary Ethernet/RHAON <i>(Note: Dante and RHAON share a single or redundant Ethernet network.)</i>
User DSP:	Eight fully parametric filters, high and low shelf, high and low pass filters, delay to 340 ms.	
Software:	RHAON II	
Power Output:	LF= 2000 watts, @ 8 oms	
Mains Voltage:	100-240 volts, 50/60 Hz auto-switching	
Power Consumption:	Idle: 200 mW. 1/8 power: 480 W <i>(onset of limiting)</i> 1/3 power: 1200 W <i>(hard limiting)</i>	
Power Connector:	Neutrik powerCON TRUE-1	

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

