RENKUS-HEINZ

# ICLive X Series

# ICLX-118S-RD

## High Output Direct Radiating 18” Subwoofer



### 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 two matching subwoofers, the in-line arrayable ICLX-48S and the single, 18-in. ICLX-118S.

The ICLX-118S subwoofer is the perfect complement to the ICLive X series whenever additional bass is needed. It provides the visceral sub-bass impact only delivered 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 subwoofer matches other ICLX loudspeakers in appearance and is also fully integrated into RHAON II, the Renkus-Heinz Audio Operations Network, for full remote control and monitoring via a standard Ethernet network.

### 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.

### 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 and Dante digital signal distribution capability including network redundancy and AES67 compatibility. All easily accessed via a Windows computer running RHAON II.

- **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 & Dante inputs.
- **Dante Digital Audio Standard**

  Dante digital signal distribution capability including network redundancy and AES67 compatibility is standard.

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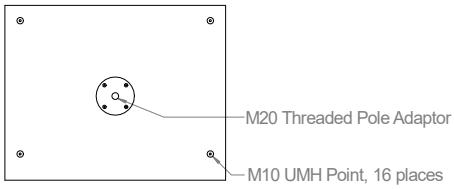
## ICLX-118S-RN & RD Technical Specifications

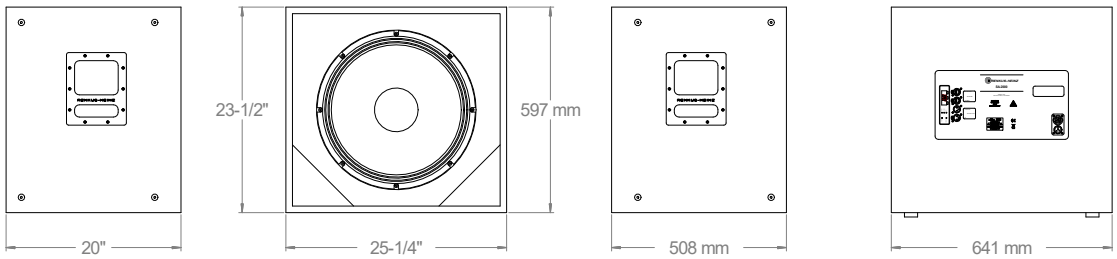
| | ICLX-118S |
|---|---|
| **Connector:** | 2 x XLR-3, In & Loop-out, Analog and AES, 2 x RJ45 Primary & Secondary Ethernet |
| **Sensitivity:** | 1 volt for rated output, analog |
| **Power Handling:** | LF 700 W AES @ 8 ohms |
| **Latency:** | 6 ms plus any digital transport latency |
| **Calculated 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 plywood |
| **Grille:** | 16 GA powder-coated, plated steel |
| **Finish:** | Black (RAL9011) or White (RAL9010) paint, custom color available. |
| **Mounting:** | 16 x M10 threaded Universal Mounting Points, M20 Threaded Pole adapter |
| **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 |

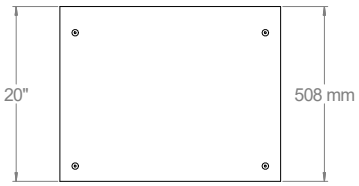
## SA2000 Amplifier Specifications

| | SA2000-RD |
|---|---|
| **Audio Connections:** | 2 x XLR-3, In & Loop-out, Analog and AES<br>2 x RJ45 Ethernet/Dante Primary & Secondary |
| **Latency:** | 6.25 ms + Dante transport latency |
| **Max. Input Level:** | +22 dBu, Analog, 0 dBFS digital |
| **Network Connections:** | 2 x RJ45 Dante Primary & Secondary Ethernet/RHAON *(Note: Dante and RHAON share a single or redundant Ethernet network.)* |
| **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 *(onset of limiting)* 1/3 power: 1200 W *(hard limiting)* |
| **Power Connector:** | Neutrik powerCON TRUE-1 |

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




RENKUS-HEINZ

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