

UNEXCELLED PERFORMANCE AND VERSATILITY

Renkus-Heinz IC² digitally steerable array systems use advanced digital beam steering technology to deliver impeccable sound over large areas while staying in the background

IC118S-R 18 inch subwoofers are perfect companions to full range IC Squared digitally steered line array loudspeakers 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.

IC118S-R subwoofers match other IC Squared loudspeakers in appearance and share the same interlocking hardware system that assures solid, stable stacks and arrays.

IC118S-R subwoofers are also fully integrated into RHAON, the Renkus-Heinz Audio Operations Network, for flexible analog and digital audio signal distribution.

Transparent Solutions

- Sports Arenas
- Live Concerts
- Band Shells
- Performing Art Centers.
- Museums: lobbies, galleries, etc.
- Stadiums
- Any environment where enjoyable music and/or intelligible speech are critical

VERSATILE POWERFUL MUSICAL

Adaptable, Articulate

The IC118S-R subwoofer was designed to provide both acoustical and structural support for IC² digitally steerable line arrays. Digital beam steering puts Iconyx IC² output where it belongs: on the audience, not walls or ceilings. One-touch presets and computer software shape the line array's output and aim it up or down.

Powerful, Accurate Sub-Bass Performance

With 850 Watts RMS of Class D power driving a high-output 18-inch woofer, IC118S-R subwoofers easily produce 130 dB peak SPL. Low frequency output extends to 32 Hz, providing a solid foundation for any musical program.

Scalable, Versatile

As few as one or two IC118S-R subwoofers can be added to any IC Squared system where they often serve as a base for the full range digitally steered line arrays using their interlocking hardware system.

RHAON Empowered

Like the full range IC² line arrays, the IC118S-R subwoofers are equipped with RHAON. RHAON provides a full set of remote control and supervision functions, along with CobraNet multi-channel digital audio distribution.

IC² Squared 18 Inch Subwoofer



IC118S-R

18 Inch Subwoofer



118S-R IC² Subwoofer

- **Powerful Single 18 Inch Subwoofer**
130 dB peak SPL from 32 to 120 HZ
- **Versatile, Easy-To-Use Hardware**
Interlocking stacking/flying hardware allows the IC118S-R to be used as a mounting base or suspension platform for IC² digitally steered line arrays.
- **High-Performance 18-Inch Woofer**
With long throw magnetic structure assures linear cone movement at all power levels.

Technical Specifications

Sensitivity: M1.4 V (for rated power output)	Inputs: Analog audio & AES: looping XLR (female in, male out) Phoenix 6-pin (looping 3-in, 3-out), CobraNet: dual RJ45 connectors (for CAT 5 cable)
Freq. Range: 32 Hz to 120 Hz	On-Board Controls: Mute button, Up & Down output level, 10 dB input pad (on Analog 1 input) circuit breaker
Max SPL: 130 dB peak	Computer Controls: Gain, mute, on/standby, input selection compression, 8-band parametric EQ, shelving & rolloff filters, delay
Transducer: Model SSL18-6, 18" woofer, 800 W Pgm @ 4 Ohms	Status Indicators: Power, signal, overdrive, thermal, mute, input pad, failure
Dimensions: 23" H x 28.5" W x 30" D (58.4 cm x 72.4 cm x 76.2 cm)	Digital Format: 16, 20 or 24 bit PCM; 48 or 96 kHz sample rate; selectable network latency
Weight: IC118S-R: 209 Lbs (95 Kg) Net	PM1L-R AMPLIFIER:
Power Required: 90/136 V or 180/260 V AC, 50/60Hz. 13 A @ 120 V, 6.5 A at 240 V	Type: Class D amplifier/DSP processor
Power Connector: Powercon locking connector	Power Rating: 850 W RMS
Hardware: 16 Metric M10 attachment points Interlocking IC ² flying hardware Optional casters	THD Distortion: < 0.05% typical
Enclosure: Finnish birch, perforated steel grille	Hum & Noise: <100 dB (A weighted)
Finish: Black paint	

Dimensional Information

