

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-FR 18 inch subwoofers are perfect companions to full range IC² 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-FR subwoofers match other IC² loudspeakers in appearance and share the same interlocking hardware system that assures solid, stable stacks and arrays.

IC118S-FR 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-FR 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-FR 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-FR subwoofers can be added to any IC² 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-FR 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
18 Inch Subwoofer



IC118S-FR

18 Inch Subwoofer



118S-FR 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-FR 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.

RHAON
EMPOWERED

Technical Specifications

Sensitivity: M1.4 V (for rated power output)

Freq. Range: 32 Hz to 120 Hz

Max SPL: 130 dB peak

Transducer: Model SSL18-6, 18" woofer, 800 W Pgm @ 4 Ohms

Dimensions: 23" H x 28.5" W x 30" D
(58.4 cm x 72.4 cm x 76.2 cm)

Weight: IC118S-FR: 209 Lbs (95 Kg) Net

Power Required: 90/136 V or 180/260 V AC, 50/60Hz.
13 A @ 120 V, 6.5 A at 240 V

Power Connector: Powercon locking connector

Hardware: 16 Metric M10 attachment points
Interlocking IC² flying hardware
Optional casters

Enclosure: Finnish birch, perforated steel grille

Finish: Black paint

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)

On-Board Controls: Mute button, Up & Down output level, 10 dB input pad (on Analog 1 input) circuit breaker

Computer Controls: Gain, mute, on/standby, input selection compression, 8-band parametric EQ, shelving & rolloff filters, delay

Status Indicators: Power, signal, overdrive, thermal, mute, input pad, failure

Digital Format: 16, 20 or 24 bit PCM; 48 or 96 kHz sample rate; selectable network latency

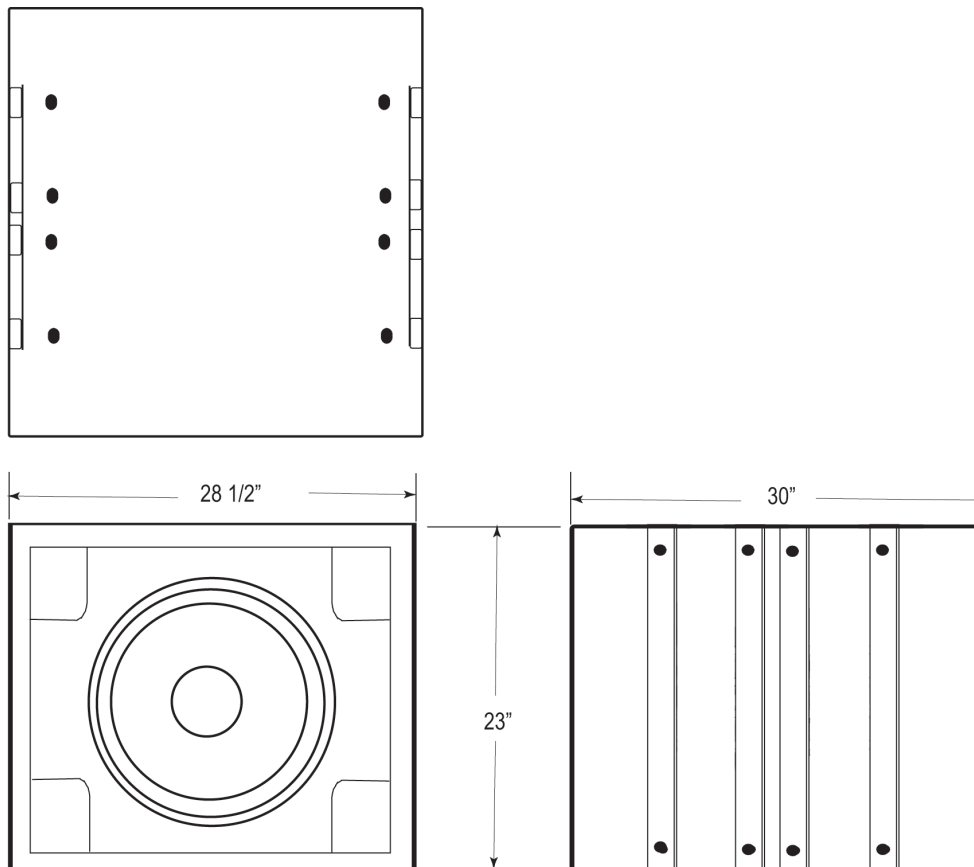
PM1L-R AMPLIFIER:
Type: Class D amplifier/DSP processor

Power Rating: 850 W RMS

THD Distortion: < 0.05% typical

Hum & Noise: <100 dB (A weighted)

Dimensional Information



RENKUS-HEINZ

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