

New Directions for Live Event Productions

Magnificent architectures adds excitement and allure to any live event. But it can also create acoustical problems. Iconyx IC Live digitally steerable array systems use advanced digital beam steering technology to deliver impeccable sound while staying in the background visually. IC215S Series subwoofers are perfect companions to Iconyx IC Live arrays. Their dual 15-inch subwoofers deliver outstanding low frequency impact with a high-order bandpass design that maximizes the efficiency of its cutting edge woofer technology and Class D amplifier.

IC215S series subwoofers are available in two versions, one designed expressly for portable use and the other for permanent installations. Both versions are fully integrated into the RHAON (Renkus-Heinz Audio Operations Network) for flexible analog and digital audio signal distribution. Four configurations, with or without subwoofers, provide easily scalable systems that set up quickly in portable applications. An interlocking hardware system assures solid, stable arrays.

Transparent Solutions

- Corporate Events
- Live Concerts
- Political Rallies
- Theatrical Productions.
- Museums: lobbies, galleries, etc.
- Resorts, Theme Parks
- Any environment where enjoyable music and/or intelligible speech are critical

POWERFUL • MUSICAL • PORTABLE

Adaptable, Articulate, Invisible

The IC215S series subwoofers were designed to provide both acoustical and structural support for Iconyx Live digitally steerable line array systems. Digital beam steering puts Iconyx Live output where it belongs: on the audience, not walls or ceilings. One-touch presets or computer software let you define as many as four sonic beams from each IC Live array module (up to 8 beams when stacked), and aim them up or down.

Powerful, Accurate Sub-Bass Performance

With 1700 Watts of Class D power driving a pair of high-output 15-inch woofers, IC215S series subwoofers can produce peaks of 136 dB SPL. Low frequency output extends to 43 Hz, providing a solid foundation for any musical program material. The 15 inch woofers feature a high excursion surround and suspension system with a double silicon spider to assure linear travel even at extremely high output levels.

Portable, Scalable, Versatile

One or two IC215S series subwoofers can be added to any IC Live array. In portable systems the subwoofers can act as tall or wide bases for the full range digitally steered line arrays using the interlocking hardware system. IC215S-FR installation models are available in a wide range of custom colors, can be floor mounted or easily suspended from built in attachment points.

RHAON Empowered

Like the full range IC Live line array, the IC215S series subwoofers are equipped with RHAON. RHAON provides a full set of remote control and supervision functions, along with CobraNet multi-channel digital audio distribution.



IC215S Series Subwoofers

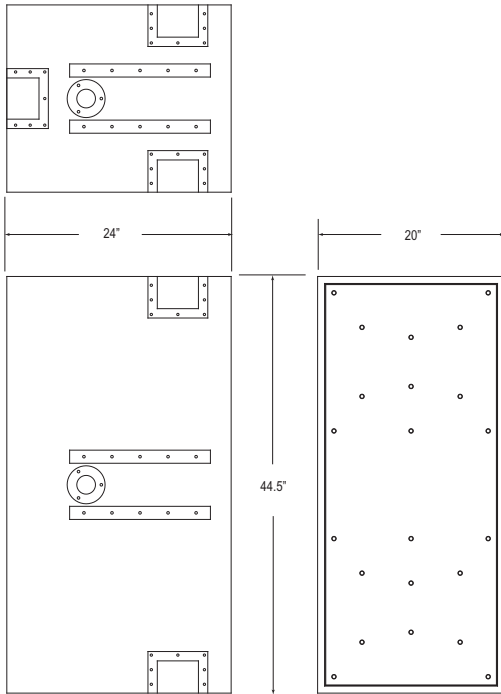
IC215S-R
IC215S-FR



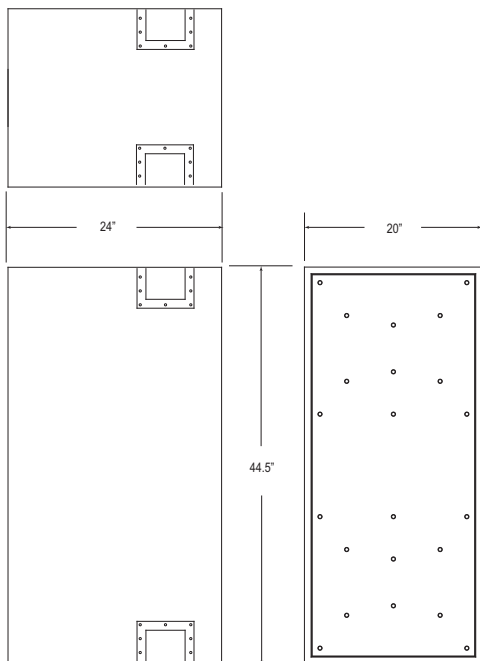
Dual IC215S-R subwoofers
shown with stacked IC Live Arrays



IC215S Subwoofer Technical Specs



IC215S-R



IC215S-FR

Sensitivity: 1.4 V (for rated power output)

Freq. Range: 43 Hz to 100 Hz

Max SPL: 133 dB program, 136 dB peak,

No. Transducers: Two model SSL15-14, 15" cone woofers, 800 Watts program at 4 Ohms (each)

Dimensions: 44.5" H x 20" W x 24" D (113 cm x 50.8 cm x 61 cm)

Weight: 206 Lbs (93.4 Kg)

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

Hardware:

IC215S-R: Aeroquip Flytrack, Handles, Casters

IC215S-FR: Universal Mounting Hardware

Enclosure: Finnish Birch, perforated steel grille

Inputs: Analog Audio Input 1: Looping XLR (female in, male out)
Analog Audio Input 2: Phoenix 6-pin (looping 3-in, 3-out)
CobraNet: Dual RJ45 connectors (for CAT 5 copper cable)
AES/EBU: Phoenix connector

Controls (Rear Mounted): Power On/Off, Push-To-Reset circuit breakers
Mute button; Up & Down Output Level push buttons; 10 dB Input pad (on Analog 1 input)

Computer Controls: Gain, Mute, On/Standby, Input Selection; Compression, 9-Band Parametric EQ, Shelving & Rolloff Filters, Delay,

Status Indicators: Power, Signal, Overdrive, Thermal, Mute, Input Pad

Power Connector: Powercon locking connector

Finish:

IC215S-R: Black paint

IC215S-FR: White paint or custom color paint

Weather resistant (black TuffTex)

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

PM-2LR AMPLIFIER

Type: Class D amplifier/DSP processor

Power Rating: 2 x 850 Watts RMS, 950 W Program

THD Distortion: < 0.05% typical

Hum & Noise: <100 dB (A weighted)

Note: All analog inputs and outputs comply with AES Standard 45-2005 on interconnecting, grounding and shielding.