

RENKUS-HEINZ

MUSICAL SOUND FOR IMPOSING SPACES

Iconyx is a technology breakthrough: a powerful sound system that integrates computer software, digital amplification and superior acoustical design to deliver both enjoyable music and intelligible, natural speech, even in highly reverberant spaces where conventional solutions have failed. Tall, slender Iconyx arrays mount flush to walls and columns, becoming virtually invisible in most applications. Finally, magnificent architecture can house effective communication and uplifting music.

The IC7 and ICX7 are mechanically steerable array modules that supplement digitally steered Iconyx arrays. They deliver the same natural reproduction with a fixed acoustical beam: a high value solution for side fill, front fill, or "short throw" applications that don't demand programmable control.

Transparent Solutions

- Houses of Worship: traditional & modern
- Transport Terminals: train stations, airports, etc.
- Stadiums & Arenas: lobbies & forecourts
- Convention Centers, warehouses, etc.
- Museums: lobbies, galleries, etc.
- Performing Arts Centers: vocal/orchestral "lift," lobbies, etc.
- Any highly reverberant environment where enjoyable music and/or intelligible speech are as important as the architectural design

MUSICAL INTELLIGIBLE PRACTICAL

FOCUSED ACOUSTIC CONTROL

The IC7 & ICX7's acoustic beam focuses the sound on the audience and not on the walls and ceiling, improving intelligibility in reverberant spaces.

HIGH-PERFORMANCE COAXIAL TRANSDUCERS

Control is pointless unless the sound is accurate, natural and enjoyable. That's why the Iconyx IC7 and ICX7 use advanced, purpose-designed coaxial transducers to broaden their horizontal dispersion at high frequencies and improve musical reproduction.

FLEXIBILITY

The IC7 is self-powered for convenience and flexibility; the ICX7 is designed for use with external amplifiers. Both are also available in weather resistant models suitable for outdoor installations.

Class D Digital Amplifier

IC7 line arrays include a Class D digital power amplifier with loudspeaker-specific signal processing and protection against overload damage.

ARCHITECTURALLY TRANSPARENT

The tall, slim Iconyx enclosure is designed to be heard but not seen. They mount flush to walls and columns, blending invisibly with almost any architectural style. Yet Iconyx aims the sound precisely at the audience, and nowhere else. The narrow vertical opening angle allows the Iconyx modules to focus the energy on the audience, while avoiding excessive energy in unwanted areas.

ICONYX

IC7 -- ICX7

LINE ARRAY SYSTEMS

Give the IC7 & ICX7 six inches of wall space, and they will give everyone beautifully detailed, naturally balanced **full range sound**.





IC7 & ICX7 Technical Specifications

SENSITIVITY - IC7: 1.0 V (for rated power output)
 ICX7: 96 dB (1W/1m)

FREQ. RANGE: 120 Hz to 18 kHz

MAX SPL: 117 dB peak, 114 dB pgm @ 1meter;
 (3-octave bandwidth centered at 2 kHz)

HORIZ. DISPERSION: 150° up to 3 kHz; 120° above 3 kHz

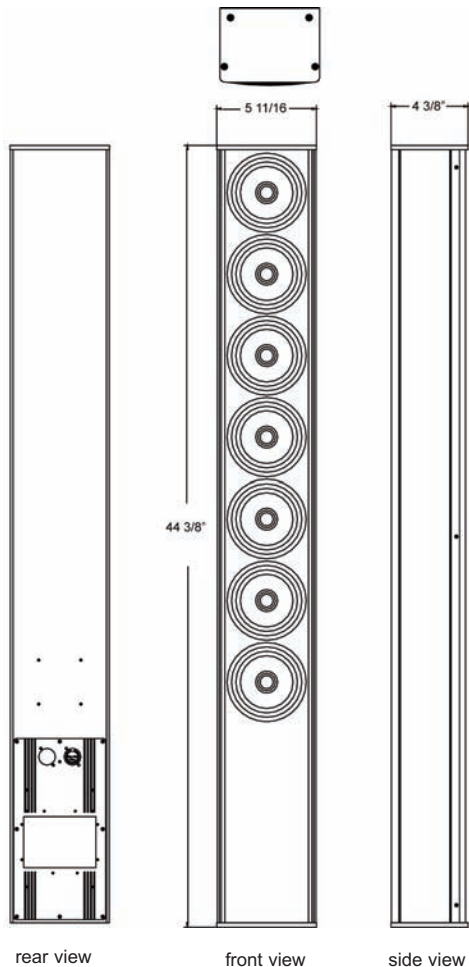
VERT. DISPERSION: 30 degrees

TYPICAL THROW: 66 Ft. (20 meters)

BEAM CONTROL: Effective down to 800 Hz

NO. TRANSDUCERS: 7

IC7 & ICX7 Dimensional Information



DIMENSIONS : 44 3/8" H x 5 11/16" W x 4 3/8" D
 (112.8 cm x 14.4 cm x 11.2 cm)

WEIGHT - IC7: 27.3 Lbs (12.4 Kg)
 ICX7: 27 Lbs (12.2 Kg)

POWER - IC7: 2.4 A @ 120 V, 1.2 A @ 240 V, 50-60 Hz
 ICX7: 200 Watts RMS @ 6 Ohms

ENCLOSURE: Extruded Aluminum with perforated steel grille;

TRANSDUCERS: Coaxial with a 4" woofer and 1" tweeter,
 RH model SSL4.2: 25 W RMS, 50 W pgm

CONNECTORS - IC7: See IC7 amplifier specifications
 ICX7: Looping XLR: female in, male out
 (pin 1 chassis, pin 2 +, pin 3 -)

FINISH: White paint (Ral #9010); black or custom color
 paint available

OPTIONS: 70/100 Volt line matching transformer
 HK-IC7 Wall mounting assembly
 WR Weather Resistant Treatment

IC7 Amplifier Specifications

POWER RATING: 200 Watts RMS @ 4 Ohms, 300 Watts Burst

FREQUENCY RESPONSE: +0.0, -5 dB, 20 Hz to 20 kHz

THD DISTORTION: < 0.02% typical

HUM & NOISE: <100 dB (A weighted)

DAMPING >100

INPUT: 10K Ohm balanced differential

INPUT SENSITIVITY: 1.0 V for RPO

C.M.R.: 74 dB

CONNECTORS - **INPUT:** Looping XLR; female in, male out (pin 1 chassis, pin 2 +, pin 3 -)

- **POWER:** IEC power connector

CONTROLS: Gain (screwdriver adjustable)

POWER REQUIREMENTS: Universal 90-260 VAC, 50/60Hz. 2.4 A @ 120 V, 1.2 A @ 240 V

Idle Current: 200 mA @ 120 V; 100 mA @ 240 V

Max Inrush Current: 1 A