RENKUS-HEINZ

ICL-F-RD

ICL-F-DUAL-RD

ICL-F-TRIP-RD

Dante™

Iconyx - The Standard in Digitally Steered Arrays

Iconyx digitally steerable loudspeaker arrays combine digital control and steering with exceptional audio fidelity. They integrate high-performance acoustical components, advanced audiophile-quality digital electronics and powerful software in practical, modular systems that virtually disappear in most applications.

Thousands of installations around the world have proven that Iconyx digitally steerable arrays enable both effective communication and expressive musical artistry, even in highly reverberant acoustical environments.

IC-Live Gen5 arrays introduce faster, more accurate steering, more robust and flexible networking, TCPIP control from third party devices and a new Master\Aux construction reducines system costs. Their 6.5 inch neodymium low frequency transducers and 1 inch throat titanium nitrate coated high frequency drivers produce surprisingly high sound levels for their size. They are equally at home delivering a quiet sermon in a reverberant cathedral, cutting through the crowd noise in a gym during a close basketball game or shaking the walls with rock music in a club.

Applications

- Houses of Worship: traditional & modern.
- Transport Terminals: train stations, airports, etc.
- Stadiums & Arenas: lobbies & forecourts.
- Convention Centers, warehouses, gymnasiums, etc.
- Museums: lobbies, galleries, etc.
- Performing Arts Centers: vocal/orchestral "lift," lobbies, etc.
- Theatrical and Live Music venues

INTELLIGIBLE • NETWORKABLE • STEERABLE

Dante™ Connectivity

Iconyx Gen5 -RD arrays include Dual Redundant Dante™ connectivity and control.

RHAON II System Manager

RHAON II brings a new level of control and flexibility to Iconyx installations. Straightforward network connections empower multi-channel digital audio distribution, user-controlled DSP, user-selectable presets and comprehensive remote system management and control – all using standard Ethernet hardware and cabling.
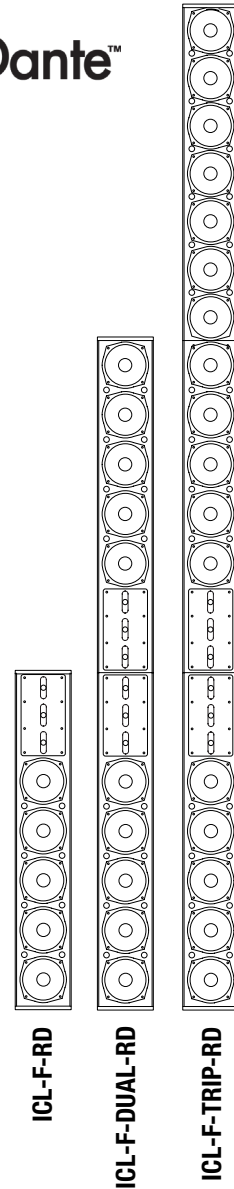
Configuration Presets

IC Live Gen5 arrays can store up to 10 different setup configuration presets in their digital memory and easily recall them from either the amplifier control panel, the controlling computer or from a third party controller.
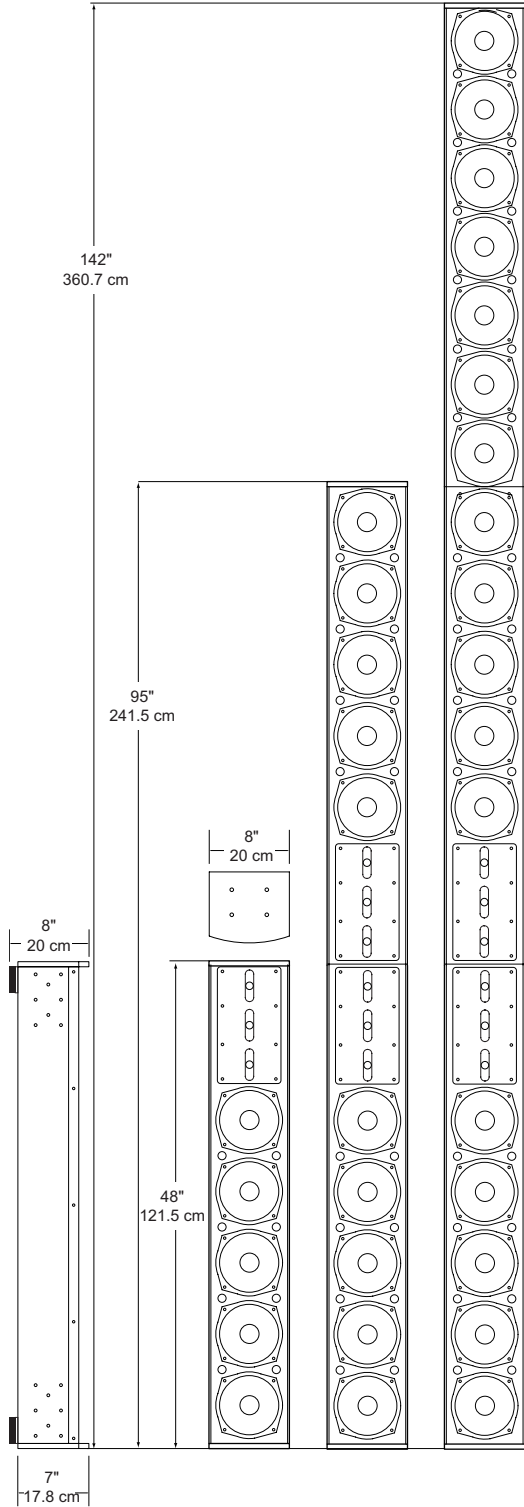
Easy To Install

IC Live Gen5 installation models are equipped with attachment points making them easy to suspend from the ceiling. Hinged mounting hardware is included for wall mounting. It allows the cabinet to be turned away from the wall for easy signal and power connections and then locked into place against the wall after installation.

ICL-F-RD ICL-F-DUAL-RD ICL-F-TRIP-RD

Available Models & Options

	Dante, Black	Dante, White	Dante, Custom Color	Dante, Fiber Optic, Black	Dante, Fiber Optic, White	Dante, Fiber Optic, Custom Color
IC-LF-RD	ICL-F-RD-BK	ICL-F-RD-WT	ICL-F-RD-CC	ICL-F-RDO-BK	ICL-F-RDO-WT	ICL-F-RDO-CC
ICL-F-DUAL-RD	ICL-F-DUAL-RD-BK	ICL-F-DUAL-RD-WT	ICL-F-DUAL-RD-CC	ICL-F-DUAL-RDO-BK	ICL-F-DUAL-RDO-WT	ICL-F-DUAL-RDO-CC
ICL-F-TRIP-RD	ICL-F-TRIP-RD-BK	ICL-F-TRIP-RD-WT	ICL-F-TRIP-RD-CC	ICL-F-TRIP-RDO-BK	ICL-F-TRIP-RDO-WT	ICL-F-TRIP-RDO-CC

	ICL-F-RD	ICL-F-DUAL-RD	ICL-F-TRIP-RD
Freq. Response:	90 Hz-12 kHz (-3 dB) 75 Hz-18 kHz (-10 dB)		
Sensitivity:	1.4 V RMS for Rated Power Output		
Horiz. Coverage:	150° up to 3 kHz, 120° above 3 kHz		
Vertical Steering:	+30° to -30°		
Vertical Opening Angles:	20°, 25° & 30°	5°, 10°, 15° & 20°	5°, 10°
Coverage	80 ft / 25 m	160 ft / 50 m	160 ft / 50 m
Peak SPL	137 dB @ 1 m 107 dB @ 30 m	140 dB @ 1 m 110 dB @ 30 m	141 dB @ 1 m 111 dB @ 30 m
Beam Control LF Limit	800 Hz	400 Hz	300 Hz
Transducers:	5x 6.5" LF + 3x 1" HF	10x 6.5" LF + 6x 1" HF	17x 6.5" LF + 6x 1" HF
Amp Channels:	8	16	24
Height	48" 121.5 cm	95" 241.5 cm	142" 360.7 cm
Width:	8" / 20 cm		
Depth:	7" / 17.8 cm		
Weight:	61 lbs 27.7 kg	122 lbs 55.4 kg	183 lbs 83.1 kg
Amplifier	Multi-Channel Class D amplifier with DSP per channel		
Input Impedance:	Analog Inputs 1&2 > 20K Ohm balanced differential		
Max Input:	+14dBu Pad Out / +24dBu Pad Engaged		
Power :	Universal 90-260 VoAC, 50/60 Hz		
Idle 120 V: 240 V:	0.35 A 0.18 A	0.7 A 0.35 A	1.05 A 0.53 A
1/8 Power 120 V: 240 V:	1.6 A 0.8 A	3.2 A 1.6 A	4.8 A 2.4 A
1/3 Power 120 V: 240 V:	4.27 A 2.13 A	8.53 A 4.27 A	12.8 A 6.40 A
Connections:	Analog 1 & Analog 2 - Phoenix 6-pin Connector AES\EBU - Phoenix Connector Fault Relay - Phoenix Connector Dual Ethernet Network - RJ45 Connectors for Control and Dante™ powerCON Power Connector		
Indicators & Controls:	Network Activity and Link LED indicators Power, Fault, Pad, AES, Signal Preset, Input Clip LED indicators Column Reset Button		
Finish:	White paint standard, black and custom color options available		
Mounting:	Wall Mount Hinge Kit included Suspension via 4x M10 threaded eyebolt points Flush and In-Wall mounting guide available		
Temperature limits:	Max.: 140º F/60º C, with no direct sun exposure Min.: -22º F/-30º C; leave unit on to keep interior warm below 32º F / 0º C.		
Options:	IP55 Weather Resistant Fiber Optic Network Connections (-RDO models)		

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

142"
360.7 cm

95"
241.5 cm

8"
20 cm

8"
20 cm

48"
121.5 cm

7"
17.8 cm