

Transparent Solutions For Portable Sound

Architecturally and acoustically transparent IC7 and ICX7 systems integrate advanced design techniques, high performance acoustical components and digital electronics into practical portable sound systems for small and medium size venues. They are light in weight and easy to transport, yet powerful enough to cover large areas.

The systems consist of a high performance column loudspeaker with seven coaxial 4-inch loudspeakers in a lightweight, but very durable aluminum housing, a powerful 12-inch subwoofer and associated hardware. They are available as either self-powered systems with built-in class D digital amplifiers or non-powered for use with external amplifiers and signal processing.

The audiophile quality coaxial loudspeakers used in the columns are equipped with a 1-inch tweeter that extends the columns frequency range to 18 kHz and reduces the high frequency beaming associated with conventional loudspeakers. Horizontal coverage is a wide 150 degrees up to 3 kHz and over 120 degrees up to 18 kHz. The columns line array design produces a narrow 30 degree vertical beam of acoustic energy that focuses the sound on the audience instead of bouncing it off the walls and ceiling and causing muddy, unclear, hard-to-listen-to sound.

The subwoofers provide the high-impact bass needed to complete the listening experience. They also serve as a mounting base for the column loudspeakers.

Applications

- Any environment where natural music and/or intelligible speech are important
- Portable speech and music systems for social groups, choirs, DJ's, etc.
- Corporate rentals, small PA systems, performing artists

MUSICAL • INTELLIGIBLE • PRACTICAL

• Natural, Enjoyable Sound

High-performance coaxial transducers with 1-inch tweeters, 12-inch subwoofer bring music alive with full detail and impact to produce memorable listening experiences.

• Focused Acoustic Control

Wide horizontal coverage and narrow vertical acoustic beam focus the sound on the audience to assure everyone receives the same crystal clear vocals and detailed music.

• Slim, Unobtrusive, Low-Profile Design

Doesn't interfere with sight lines, is less intrusive than conventional loudspeakers.

• Choice of Self-Powered and Externally-Powered

Choose between integral lightweight class D digital amplifiers and external amplification and processing.

• Easy to Transport and Setup

Iconyx IC7 & ICX7 Systems



IC7
Self-Powered

ICX7
Non-Powered



IC7 / ICX7

CF12S / CFX12S

IC7 / ICX7 & CF12S / CFX12S
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

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

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: 175 W RMS @ 6 Ohms, 350 W pgm

Enclosure: Extruded Aluminum with perforated steel grille;

Transducers: 7 - Coaxial with a 4" woofer and 1" tweeter, 25 W RMS, 50 W pgm

Connectors - IC7: Looping XLR;; IEC power connector
ICX7: Looping Neutrik 4-pin Speakon connectors, Screw terminals

Finish: White or black

IC1-200 AMPLIFIER

Power Rating: 175 Watts RMS @ 4 Ohms

Controls: Gain (screwdriver adjustable)

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

Agency Approval: CSA-UL 60065-03 IEC60065, 7th Ed.

Sensitivity
CF12S-5 & -5R: 1.0 V for RPO
CFX12S & CFX12S-8: 97 dB (1W/1m)

Freq. Range: 40 Hz to 120 Hz

Max SPL: 127 dB peak

LF Driver 12" woofer, 250 W RMS, 500 W pgm

Enclosure: 13-ply hardwood, perforated metal grille

Finish: Black

Power-
CF12S-5 & -5R: 115 V AC or 230V AC
CFX12S & CFX12S-8: 250 W RMS, 500 W pgm

Connectors-
CF12S-5 & -5R: Looping XLR;; IEC power connector
CFX12S & CFX12S-8: Looping 4-pin Neutrik Speakon Screw terminals

Hardware: 35 mm (1 3/8") diameter tripod socket, Handles

Dimensions: 23 1/8" H x 15" W x 17 1/4" D
 (58.7 cm x 38.1 cm x 43.8 cm)

Weight
CF12S-5, & -5R: 55 Lbs (25 Kg) net
CFX12S & CFX12S-8: 50 Lbs (22.7 Kg) net1

PF1-500 AMPLIFIER

Power Rating: 500 Watts RMS @ 4 Ohms

Controls: Gain (screwdriver adjustable)

Power Requirements: Switchable, 120 or 240 VAC, 50/60Hz. 2.4 A @ 120 V, 1.2 A @ 240 V

ASSOCIATED ITEMS



IC7-POLE-KIT: IC7 Tripod socket kit
TUBE: 30 inch black anodized aluminum tube