Designed for medium-to-large venues and outdoor applications, the i-5™ is Clair’s latest innovation in large format line array system technology. Built from years of research, road testing and input from leading sound reinforcement engineers, the i-5 line array answers the industry’s demand for total system flexibility, efficient mobility and sonic excellence.

The flagship Clair i-5 system offers extremely consistent SPL and frequency response throughout the venue full bandwidth total coverage without peaks, overlap or dead spots. Listeners will experience clean, uncolored reproduction of music, speech and other source material.

Each i-5 array module is available in dedicated stage left and stage right configurations, and has a defined horizontal coverage pattern of 90°. The completely expandable system consists of three proprietary vertical coverage patterns: long throw; medium throw; and near throw (available in 90° and 120° horizontal dispersion for additional nearfield coverage). Systems requiring additional low frequency support may be augmented with the addition of a Clair i-5b module.

With the newly developed Coherent Transfer Midrange™ (CTM), the system is able to create a wide-bandwidth, high-output consistent waveform with even coverage, more headroom and superb efficiency.

Using Clair AlignArray™ rigging and prediction software, the i-5 can be flown and positioned faster, more safely, and with more accuracy than existing line array systems. All necessary rigging hardware is integrated into the cabinet, and includes dual front locking devices and a rear adjustment bar with a quick-release pin, allowing the speaker array to be adjusted from 0° to 10° at fine resolutions when suspended. Proprietary prediction software calculates array angles, array weight and rigging details.

### Applications
- Stadiums
- Arenas
- Theaters
- Amphitheaters
- Outdoor Festivals

### Features
- 3- or 4-way Operation
- Coherent Transfer Midrange™ (CTM)
- Clair AlignArray Rigging
- Three Vertical Coverage Patterns
- Custom Clair Software Files for Various Configurations
- Optional Near Field Coverage Up to 120°
- Optional i-5b Low Frequency Augmentation

### Physical Data
- Weight: 251 lbs. (113.9 kg)
- Height: 21” (53.3 cm)
- Width: 50.5” (128.3 cm)
- Depth: 24” (61 cm)
Today’s live productions often require serious low end performance and the Clair i-5b™ low frequency line array module provides the serious solution.

The i-5b features a single, vented 18 inch speaker enclosure designed to provide maximum bass impact in conjunction with any Clair i-Series line array system. This high performance cabinet delivers exceptionally clean, tight low frequency output throughout the venue, and is ideal for any medium-to-large indoor or outdoor application where ground support may not be a physical or aesthetic option.

Modules are available in dedicated stage left and stage right configurations, and will seamlessly integrate with the system by matching the curvature of the main array when flown.

Clair’s AlignArray™ rigging and prediction software allows the i-5b to be flown quickly and safely, and includes all necessary rigging hardware on the cabinet. Durable Finn Birch construction enables the i-5b to withstand the most intense program material and operating conditions.

### i-5B Technical Data

#### Applications
- Stadiums
- Arenas
- Theaters
- Amphitheaters
- Outdoor Festivals

#### Features
- Clair AlignArray™ Rigging
- Complementary to Clair i-5 Line Array Systems

#### Physical Data
- Weight: 135 lbs. (61.2 kg)
- Height: 21” (53.3 cm)
- Width: 32” (81.2 cm)
- Depth: 31” (78.7 cm)
Clair's newest design has taken the very best from the i-5™ and i-5b and joined them into a single cabinet. The i-5D offers extremely consistent SPL and frequency response as well as the exceptionally clean, tight low frequency output throughout the venue, all from a single enclosure.

Each i-5D array module is available in dedicated stage left and stage right configurations, and has a defined horizontal coverage pattern of 90°. The completely expandable system consists of three proprietary vertical coverage patterns: long throw; medium throw; and near throw (available in 90° and 120° horizontal dispersion for additional nearfield coverage).

Using Clair AlignArray™ rigging and prediction software, the i-5D can be flown and positioned faster, more safely, and with more accuracy than existing line array systems. All necessary rigging hardware is integrated into the cabinet, and includes dual front locking devices and a rear adjustment bar with a quick-release pin, allowing the speaker array to be adjusted from 0° to 10° at fine resolutions when suspended. Proprietary prediction software calculates array angles, array weight and rigging details.

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**Applications**
- Stadiums
- Arenas
- Theaters
- Amphitheaters
- Outdoor Festivals

**Features**
- 3-way Operation
- Clair AlignArray™ Rigging
- Custom Clair Software Files for Various Configurations

**Physical Data**
- Weight: 435 lbs. (197 kg)
- Height: 21.6” (54.8 cm)
- Width: 76.9” (195 cm)
- Depth: 31.5” (80 cm)
Achieving a combination of tight, low-end punch and clarity presents one of the biggest obstacles for any live sound engineer. Clair meets that challenge “from the bottom up” with the BT-218™ sub bass enclosure, building upon years of engineering knowledge and experience gained within the concert industry.

The Clair BT-218 is a front-loaded dual 18-inch speaker enclosure capable of generating tremendous SPL while eliminating port noise. Designed for main sound system, or side fill low-end support, the BT-218 sub provides maximum low frequency augmentation in conjunction with any Clair speaker product.

Proprietary crossover technology allows the BT-218 to withstand punishing levels while accurately and cleanly reproducing the low frequency tones that are vital to many of today’s productions, regardless of the source; kick drum, bass guitar, keyboards, low frequency samples, or simply playback music. The result is a smooth, high-impact performance.

Constructed of durable Finland Birch, the BT-218 can survive the rigors of any portable application or intense operating condition. Cabinets may be used in multiple stacked or flown configurations, including steered center and cardioid arrays. Recessed grooves and an integrated mating lip provide an extra level of safety for stacking.

### BT-218 Technical Data

#### Applications
- Stadiums
- Arenas
- Theaters
- Amphitheaters
- Outdoor Festivals

#### Features
- Complementary to Clair i-5 and i-3 Line Array Systems
- Custom Clair Software Files for various configurations
- Clair Classic Rigging Hardware

#### Physical Data
- Weight: 218 lbs. (98.9 kg)
- Height: 48” (121.9 cm)
- Width: 22” (55.9 cm)
- Depth: 32” (81.3 cm)
Clair continues to lead, listen, develop and refine its loudspeaker technology with the i-3™ line array module. Meeting the unique demands of theaters, amphitheaters and corporate events for a compact, lightweight, cost effective, and easy-to-assemble line array system, the i-3 functions equally well as a small-to-midsized main system, or as side fill coverage in larger venues.

The Clair i-3 system offers 3-way operation for extremely consistent SPL, frequency response, and controlled directivity throughout the venue. A centrally located mid/high section provides 140° horizontal by 10° vertical coverage and is symmetrically flanked by low frequency tuned reflex chambers.

With AlignArray™ rigging hardware and prediction software, the i-3 may be assembled, flown and positioned quickly, safely and accurately. Integrated rigging hardware includes dual front locking devices and a rear adjustment bar with a quick-release pin, allowing the speaker array to be adjusted from 0° to 10° at fine intervals when suspended. A top grid extension bar is available to adjust coverage in difficult environments. Proprietary prediction software calculates array angles, weight and rigging details. Cabinets travel in upright groups of four, and can be flown directly to or from their travel dolly.

The i-3 easily integrates with other Clair i-Series systems, and may also be supplemented with Clair BT-218 sub bass or FF-2 front fill enclosures.

### i-3™ Vertical Array Loudspeaker

**Applications**
- Theaters
- Amphitheaters
- Corporate Events
- Side Fill

**Features**
- 3-way Operation
- Clair AlignArray™ Rigging
- Custom Clair Software Files for Various Configurations
- Easily integrates with i-5, i-DL, FF-2 and BT-218

**Physical Data**
- Weight: 100 lbs. (45.5 kg)
- Height: 33.7” (85.6 cm)
- Depth: 20” (50.8 cm)
Even in the best-sounding venues, sometimes additional support is not only desirable, but absolutely necessary.

Clair has developed the i-DL™ line array module to meet the challenges of any specified coverage or distributed audio application. Built from years of legacy loudspeaker design, the i-DL is a high intelligibility, multipurpose loudspeaker which functions equally well as an element for delays, fills or suspended stage monitor systems.

Designed as a completely modular system, the 2-way i-DL features a single low/mid element and an interchangeable horn module, providing either 60° or 90° horizontal dispersion and 10° vertical coverage.

With Clair AlignArray™ rigging and prediction software, the i-DL can be hung and positioned efficiently and accurately—indoors or outdoors. All necessary rigging hardware is integrated into the cabinet, and includes dual front locking devices and a rear adjustment bar with a quick-release pin, allowing the speaker array to be adjusted from 0° to 10° at fine resolutions when suspended. Proprietary prediction software calculates array angles, array weight and rigging details.

Regardless of its function, the i-DL will offer extremely consistent SPL and frequency response, and will blend seamlessly with the main P.A. or monitor system. Listeners will experience clean, uncolored reproduction of music, speech and other program material.

### i-DL Technical Data

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One of the challenges of any live production is ensuring that every seat in the house enjoys the same consistent sound quality and clarity. The Clair FF-2™ solves defined coverage issues with superior audio quality and an unobtrusive design, making it the ideal solution as a proximity fill, near field monitor, or portable distributed system.

A 1.5 inch compression driver coupled to a 60° V x 40° H proprietary waveguide provides clear high frequency, while a custom single 8 inch driver augmented by a dual port provides powerful low/mid frequency reproduction.

Measuring approximately 8 inches high and less than 23 inches wide, the compact FF-2 is engineered to blend seamlessly with the main sound system as a downstage edge fill, balcony fill, floor monitor or backstage cue monitor. Stand-alone applications include theaters, houses of worship, trade shows, auditoriums and corporate event systems.

Constructed of high density Finland Birch and rugged polyurethane end caps, the FF-2 includes truss and pole mounting options.

### FF-2 Technical Data

#### Applications
- Front Fill
- Under Balcony
- Near Field Monitor Delay

#### Features
- 2-Way Design
- Low Profile Enclosure Size
- Truss or Pole Mounting Options

#### Physical Data
- Weight: 25 lbs. (45.5 kg)
- Height: 8” (35.3 cm)
- Width: 22.25” (56.5 cm)
- Depth: 8.5” (50.8 cm)
Combining the power of a traditional amplifier rack, the functionality of a digital signal processor, and a compact design, the Clair StakRak™ is a new concept in total loudspeaker management.

The Clair StakRak has been engineered to enhance the performance of any Clair speaker product, and packs the power to run an entire sound system with only a few units, eliminating the need for separate stand-alone components or drive racks. A remarkably small footprint and lightweight package conserves valuable venue floor space and truck pack area, making the StakRak an ideal system choice and budgetary option for any sized production.

Each StakRak integrates Clair iO technology, networked audio distribution and up to three Lab.gruppen PLM™ Series amplifiers—model PLM 10000Q (2-input/4-output @ 2,500 watts per channel), PLM 14000 (2-input/2-output @ 7,000 watts per channel), or PLM 20000Q (2-input/4-output @ 5,000 watts per channel).

Lake® signal processing offers precise settings for gain, delay, crossover slope, EQ and limiting. Load verification and performance monitoring features assure reliability for all components, including loudspeakers. Software will operate on a Windows® PC wireless or wired Ethernet network interface, giving users complete control over all system functions.

Other features include analog, AES and Dante signal input options, EtherCon® network connections, and interchangeable AC modules and speaker output connectors. Units are fully stackable, and are constructed with high impact ABS plastic skin over heavy duty modular steel and aluminum frames.

**Clair StakRak Technical Data**

**Applications**
- Outdoor Festivals
- Stadiums/Arenas
- Amphitheaters
- Theaters
- Clubs

**Features**
- Powerful and lightweight
- Can be configured to power any Clair i-Series system
- Custom Clair software files for various configurations
- Reduces both amp rack zone foot print and truck pack space

**Physical Data**
- Weight: 203 lbs. (92.08 kg)
- Height: 15” (38.1 cm)
- Width: 31.76” (80.7 cm)
- Depth: 25” (63.5 cm)

*Note: Height and weight values do not include dollies.*