The iHP3594 is a premium quality, large format, full-range loudspeaker system. The driver complement consists of
a 15" (380mm) high power low frequency driver, an 8" (205mm) midrange driver, and a 1.4" (36mm) exit / 2.87" (72.2mm) edgewound voice coil compression driver. The large format horn flare delivers well controlled 90° x 40° dispersion, and utilizes high order crossovers to minimize band overlap.

The well controlled off-axis response enhances system performance when combined with other iBOX Mid/Hi and subwoofer elements in clusters / arrays. The i215LVS and i118S subwoofer elements share the same cabinet profile and have been designed for integration with the iHP3594 for aesthetically pleasing clusters / arrays.

The iHP3594 can be used in both passive and biamp operating modes. The passive mode is designed to deliver outstanding performance without the use of a processor, while the biamp mode allows greater system flexibility. A compatible processor can be used to enhance the LF response, provide a crossover function for use with iBOX subwoofer elements, and much more.

The rugged 13-ply Baltic birch enclosure is finished with Community’s robust, smooth Tuf-Coat™ finish. The enclosure also incorporates 23 load-rated M10 rigging points and 4 M8 OmniMount™ 240 inserts in the rear of the enclosure. Simple and flexible installation is achieved using optional hardware from an extensive range designed specifically for the iBOX series. See the iBOX Hardware Guide for more details.
The loudspeaker system shall be a three-way, full-range bass reflex trapezoidal design with one 15 in. (380 mm) Cool-Coil™ LF driver, one 8 in. (205 mm) MR driver, and one 1.4 in. exit HF driver with a titanium diaphragm mounted to a 90° x 40° HF fiberglass horn. Drivers shall be connected to an integral crossover with an LF-MF crossover frequency of 500 Hz and an MF-HF crossover frequency of 2 kHz. During Biamp operation the MF-HF crossover is still in circuit. There shall be one four-terminal barrier strip and two NL4-compatible locking connectors. The terminal panel shall have a switch to select Biamp or Passive operating modes.

The loudspeaker enclosure shall be 13-ply Baltic birch plywood and shall be fitted with 23 x M10 and 4 X M8 flying/rigging inserts and finished with Tuf-Coat™. The front of the enclosure shall be fitted with a 16 gauge perforated steel grille. The system shall have an amplitude response of 80 Hz to 16 kHz (+/-2.4 dB), input capability of 69V RMS, 99 dB sensitivity at one meter and 2.83V / 8 ohms nominal impedance. The nominal dispersion shall be 90° H x 40° V from 1.6 kHz to 12 kHz. The loudspeaker shall be 36.42 in. (925 mm) H x 21 in. (533 mm) W(front) x 9.9 in. (251 mm) W(rear) x 21.99 in. (559mm) D and weigh 123 lbs (55.8 kg).

Community strives to improve its products on a continual basis. Specifications may therefore be subject to change without notice.