The iHP1544 is a premium quality, large format, full range loudspeaker system. The driver complement consists of a 15\" (380mm) high power low frequency driver and a 1.4\" (36mm) exit / 2.87\" (72.2mm) edgewound voice coil compression driver. The large format rotatable horn flare delivers well controlled 40° 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 i115S and i215S subwoofer elements share the same cabinet profile and have been designed for integration with the iHP1544 for aesthetically pleasing clusters / arrays.

The iHP1544 can be used in both passive and bi-amp operating modes. The passive mode is designed to deliver outstanding performance without the use of a processor, while the bi-amp 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 new, robust, smooth Tuf-Coat™ finish. The enclosure also incorporates 23 load-rated M10 rigging points and 4 M8 Omnimount™ 120 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.
Loudspeaker Type: 2-Way full-range
Frequency Response (+/-3dB): 60 Hz - 18 kHz
-10dB Point: 45Hz
Max Input Ratings (Passive): RMS 600W, Program 1500W
Max Input Ratings (Biamp): LF: RMS 600W, Program 1500W 8 Ohms
HF: RMS 90W, Program 180W 8 Ohms
Recommended Power Amplifier: 1,200W to 1,800W @ 8 Ohms
Sensitivity 1W/1m: 101 dB SPL
Maximum Output: 129 dB SPL / 136 dB SPL (peak)
Nominal Impedance: 8 Ohms
Min Impedance: 7 Ohms
Nominal -6dB Beamwidth: 40° H x 40° V
Crossover Frequency: 1.5 kHz
Recommended Signal Processing: 60Hz 24dB / Octave High pass filter
Drivers:
- LF (1) 15"
- HF (1) 2.87" VC/ 1.4" Exit
Input Connection: (2) NL4-compatible locking connectors
(4) Terminal Barrier Strip
Controls: Operating Mode Switch (Biamp / Passive)
Enclosure: 13-ply Baltic birch plywood
Mounting / Rigging Provisions: (23) M10 flying / rigging inserts
(4) M8 Omnimount™ Inserts
Grille: Steel, foam backed.
Optional Accessories: Mounting / Rigging hardware - See the iBOX Hardware Guide for more information.
Dimensions: Height: 33.79 in. / 858 mm
Width: 18.26 in. / 464 mm
Depth: 19.86 in. / 505 mm
Weight: 96 lbs. / 43.5 kg
Shipping Weight: 112 lbs. / 50.8 kg

1. Sensitivity: Free field pink noise measurement at 35 ft / 10.6 m at 50% power; extrapolated to 1 meter and an input of 2.83 volts RMS.
2. Watts: All wattage figures are calculated using the rated nominal impedance.