

## HFT-212B

### Features

- Line array or virtual point source element
- Ultra low distortion
- 120° h x 12° v dispersion
- 136dB max output
- Integrated flygear
- Trapezoidal enclosure
- Bi-amp or tri-amp modes
- Neodymium drive units
- Seamless arrayability

### Applications

- House of Worship
- Flown clusters
- Ground-stacked touring
- Theatre and corporate
- Live music venues
- Dance clubs



[www.realsound-audio.com](http://www.realsound-audio.com)

The HFT-212B is the Mobile Low Frequency subwoofer extension of the Clair “i-Series” line array system designed for permanent installations. The cabinet features two 12 in. direct radiating drivers in a tuned dual-chamber, dual-reflex enclosure. The HFT-212B is designed with two complementary transducers and ports that minimize thermal power compression and air flow turbulence. The 12 in. transducers have weather-resilient cones with exceptional linear excursion. The result is a high power handling, high performance subwoofer that provides tightly controlled low-frequency extension.

The HFT-212B has three-point rigging system apply several installation configurations. The HFT-212B may be flown above the i212 line array, providing an aesthetically pleasing alternative to ground stacked subs beneath the array.

Neodymium drive units are used throughout in order to achieve the compact cabinet's exceptionally low 41kg net weight, making it convenient to transport, handle and rig. In addition the drive units are symmetrically arranged within the enclosure, which contributes to the smooth and consistent horizontal and vertical coverage.

The enclosure has both vertical and horizontal flying systems. Well-designed flying system can not only provide flown ground-stacked placement that suit for any venues, but enable each box apt to be located and angle-adjusted in any given line array configuration, while making box cabinets become virtual point source in vertical and making it possible to address the majority of sound enforcement application by a series of booms.

The HFT series is also applied for network digital active bi-amplifier, integrating high-efficient and delicate D kind of amplifier with state-of the art DSP which has many built-in presets and called through backward panel or control links. Unique “hop” addressing can precisely find the position of each box and adjacent parts in the network.

The HFT cabinet is made from a unique composite material with remarkable mechanical and acoustic properties very similar to Baltic birch plywood but with the added benefit of a high immunity to moisture.

The HFT enclosure is controlled and amplified using the delicated LA4 controller. The performance of HFT depends upon the choice of preset and physical system configuration.

# HFT SERIES



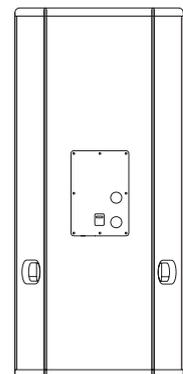
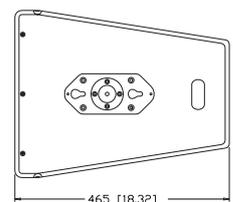
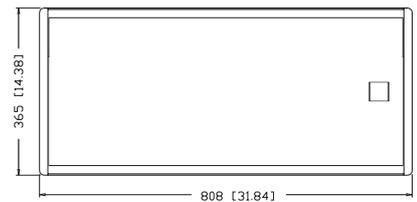
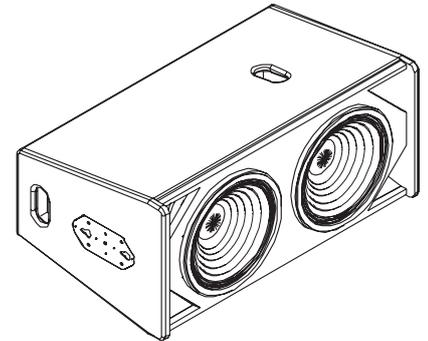
## HFT-212B

### AUDIO SPECIFICATIONS

Loudspeaker Type:	Three-way Line Array and Array Element
Frequency Response(+/-10dB):	38Hz-300HZ Single Cabinet
Power	2X450W AES, 3600W Peak
Sensitivity 1m/1w	100dB SPL
Maximum Output	130dB SPL(peak)
Drivers	2x12inch (100mm voice coil) diaphragm compression driver
Impedance	Nominal:4 Ohms
Input Connection	2x Neutrik NL4 Speakon

### MECHANICAL SPECIFICATIONS

Enclosure:	Shell:18mm Baltic Birch Finish:Black Epoxy Mastic
Grille:	Perforated Steel, Foam Backed
Dimensions	Height:31.84in.(808mm} Width:14.38in.(365mm) Depth:18.32in.(465mm)
Weight	33kg



### ACCESSORIES

CRD-631815 12inch LF loudspeaker

## HFT-212B

### Flying System Sketch

**2 HFT-212B and 4 HFT-500 Vertical line array  
with economic rigging kits**



## Flying System Sketch

## HFT-212B

**2 HFT-212B and 4 HFT-600 Vertical line array  
with economic rigging kits**



### Flying System Sketch

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**HFT-212B Horizontally combined with  
2 HFT-500 using touring rigging fittings**



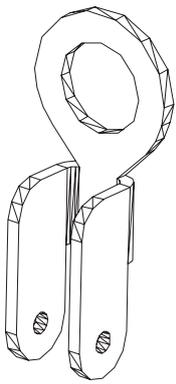
**HFT-212B Horizontally combined with  
2 HFT-600 using touring rigging fittings**



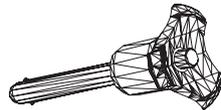
## HFT-212B

### Fittings

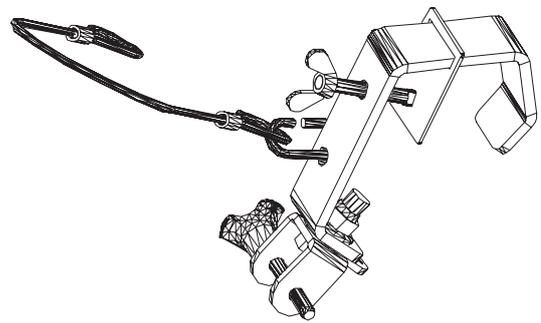
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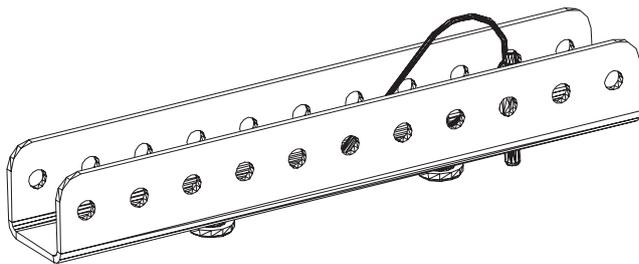
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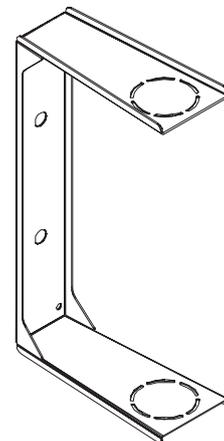
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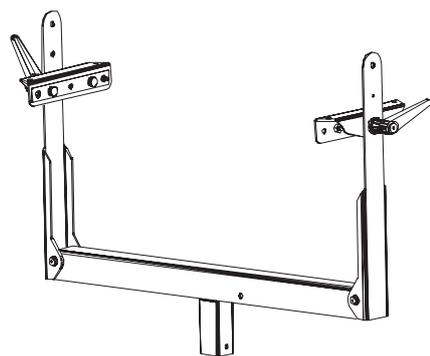
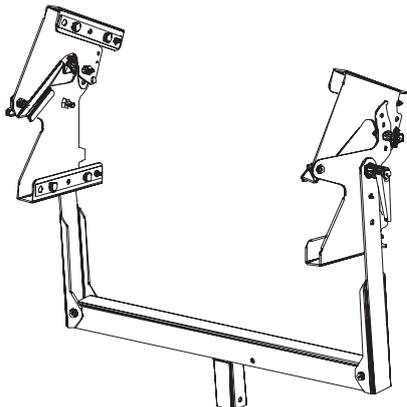
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**HFT-6#**



**HFT-8#**



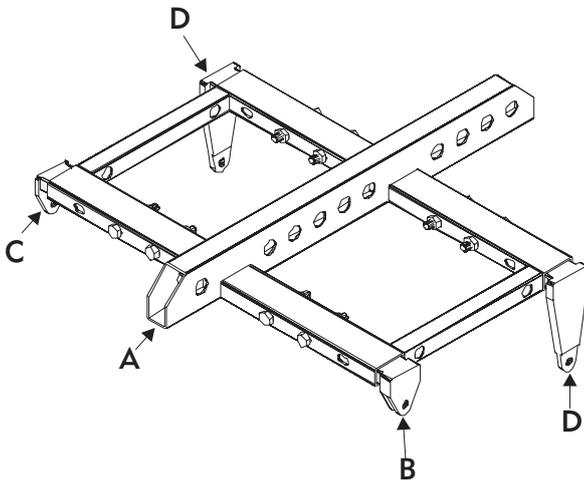
## HFT-212B

### Fittings

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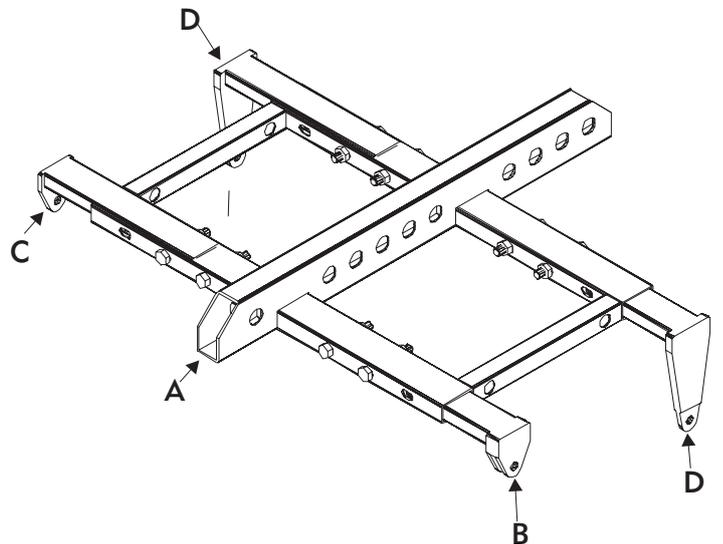
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Applied Model : HFT-500,HFT-600  
HFT-12B

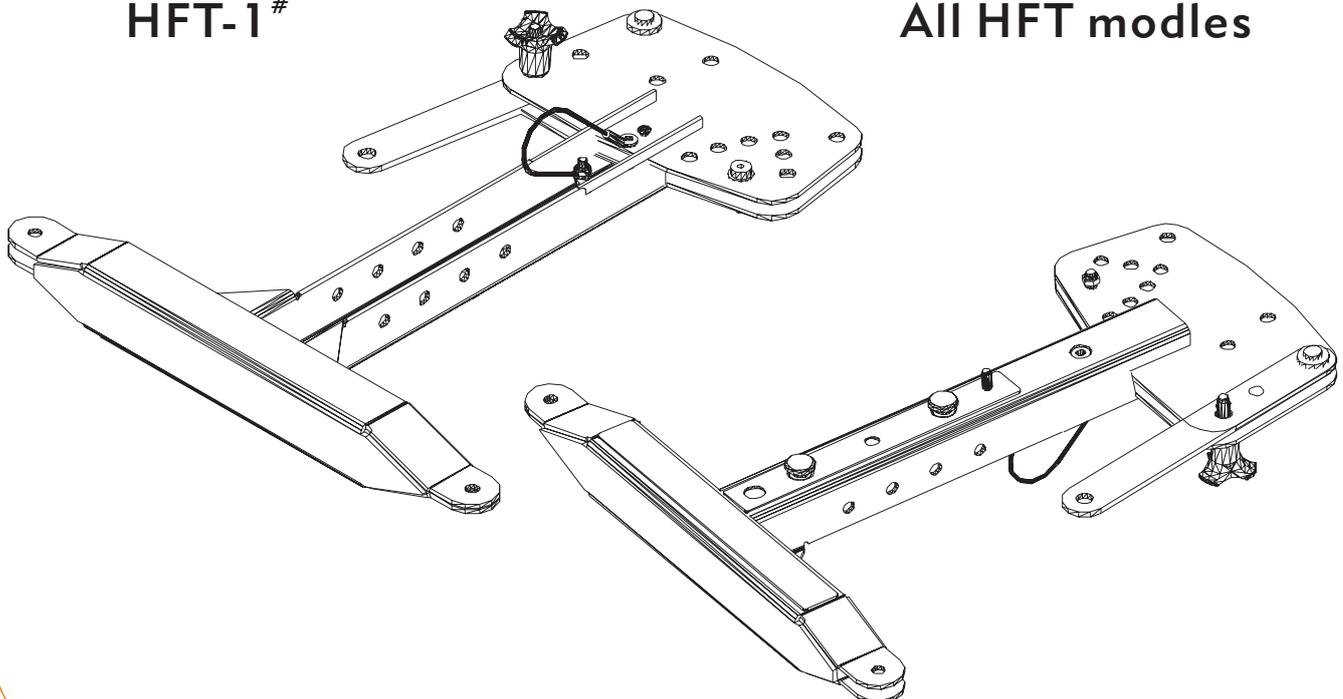


#### HFT-2#

Applied Model : HFT-800,HFT-900  
HFT-212B



#### HFT-1#



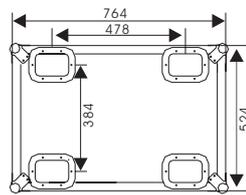
All HFT modles

## HFT-212B

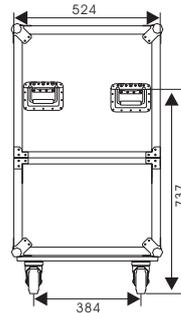
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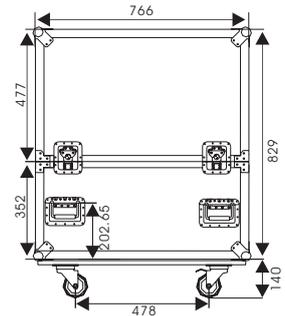
**HFT-FC1**



**Top**



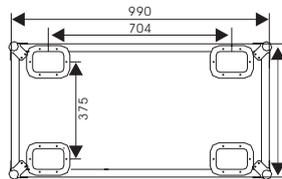
**Right**



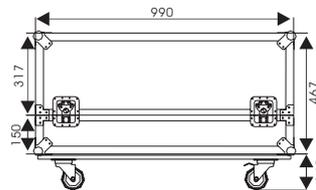
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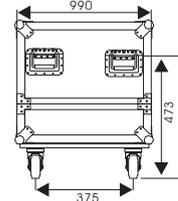
**HFT-FC2**



**Top**



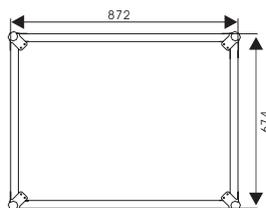
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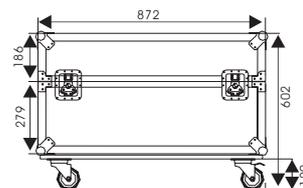
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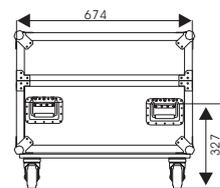
**HFT-FC3**



**Top**



**Right**



**Front**