

## Description

### Very high output Horn/Reflex loaded sub-woofer

- 2000Wrms
- Horn and Reflex Loaded Subwoofer
- 18" ultra-long excursion high power bass driver
- 8 ohm nominal impedance
- Frequency response 35Hz-200Hz / -3dB one enclosure (29Hz-200Hz /-3dB four enclosure)

A single ultra-long excursion 18" (460mm)/ 5" (127mm) coil driver is front loaded by a conical horn. The rear of the driver is reflex loaded to extend the LF output to below the natural cut-off point of the horn. This technique combines the very high efficiency of horn loading with the extended low frequency response of a reflex enclosure.

## LOUDSPEAKER

### Subsystem:

| <i>Transducer</i>               | <i>Loading</i>     |
|---------------------------------|--------------------|
| LF 1x 18-in cone /5"Voice Coil/ | Horn/Reflex loaded |

### Operating Mode:

| <i>Amplifier Channels</i> | <i>External Signal Processing</i> |
|---------------------------|-----------------------------------|
| Single-amp                | Low-Cut+High Pass Filter          |

## PERFORMANCE

|                                 |                         |
|---------------------------------|-------------------------|
| Operating Range: Single cabinet | 35 Hz – 200 Hz (- 3 dB) |
|---------------------------------|-------------------------|

### Power handling AES

|                      |              |
|----------------------|--------------|
| LF-109Vrms(40-100Hz) | 2000W @ 80hm |
|----------------------|--------------|

### Axial Sensitivity (2.83V@1m) Half Space

|          |                                |
|----------|--------------------------------|
| LF 104dB | 40Hz to 80 Hz (Single cabinet) |
|----------|--------------------------------|

### Input Impedance

| <i>Nominal</i> |
|----------------|
| LF – 8 ohm     |

### Recommended Processing

|  |
|--|
| 35Hz HP @ 48 dB/Butterworth for One Box / 30Hz HP @ 48 dB/Butterworth for Two and more Boxes |
|--|

### Axial Output SPL @ 1m

| <i>Average</i>   | <i>Peak</i> |
|------------------|-------------|
| LF 135 dB @ 45Hz | 141 dB      |

## PHYSICAL

|  |
|--|
| Dimensions 712 x 1400 x 712 mm (W,D,H) |
| Net Weight: 99kg                       |

## ORDERING DATA

| <i>Description</i>                                |
|---|
| HL118BR - Red or Black ( Two Colours – optional ) |

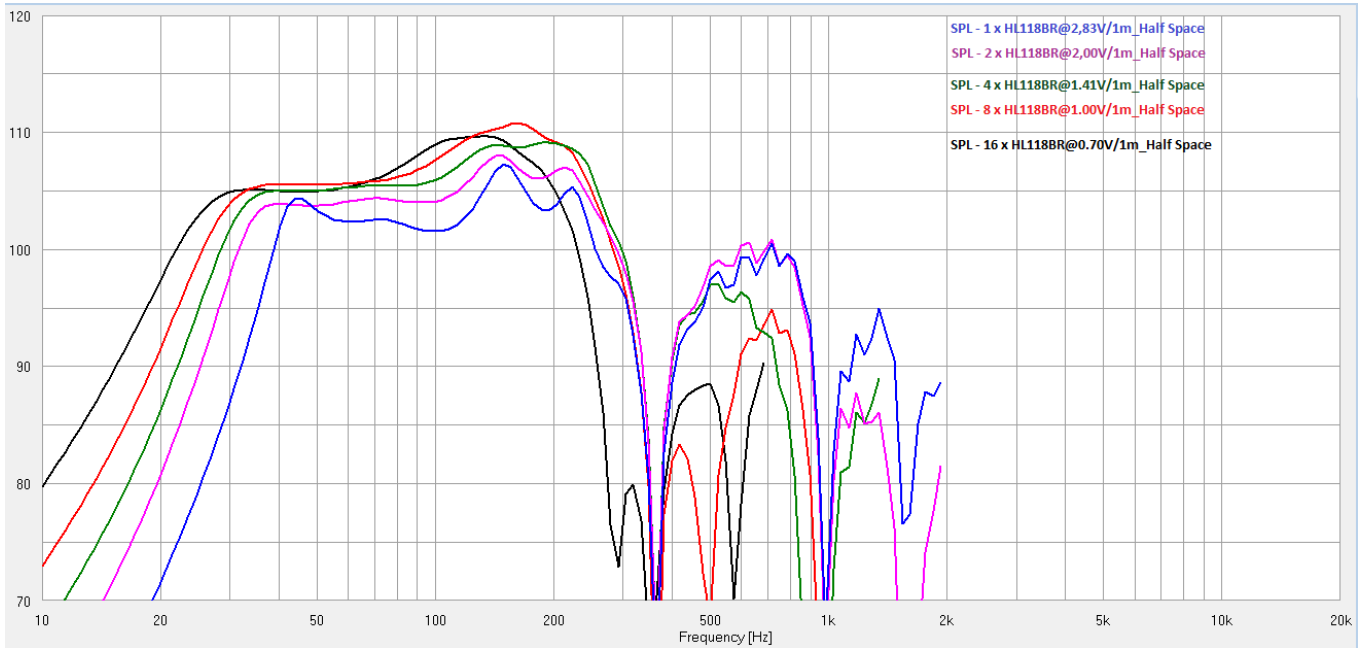
### Optional Accessories

|   |
|---|
| Cover (Single protection for one HL118BR) / 4 x Fi100mm Wheels. |
|---|

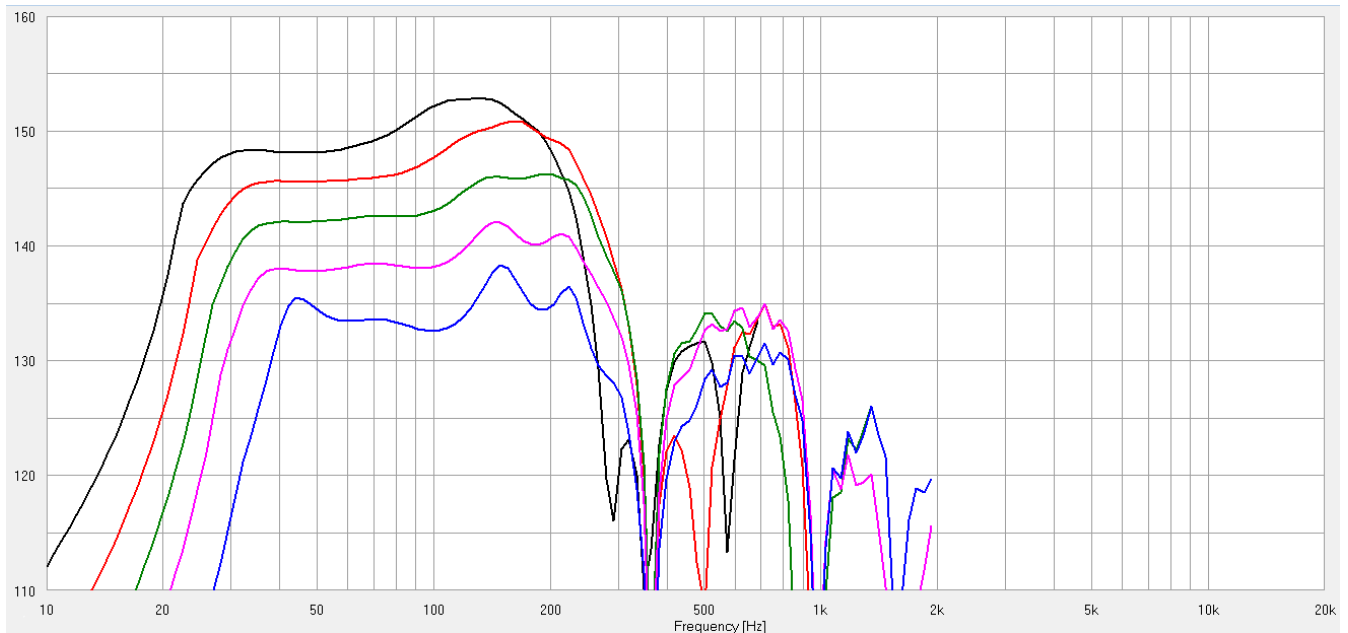


\*AES standard: Power Handling is calculated on rated minimum impedance.  
The measurement is done using a 45-250 Hz band limited pink noise test signal applied continuously for 2 hours.

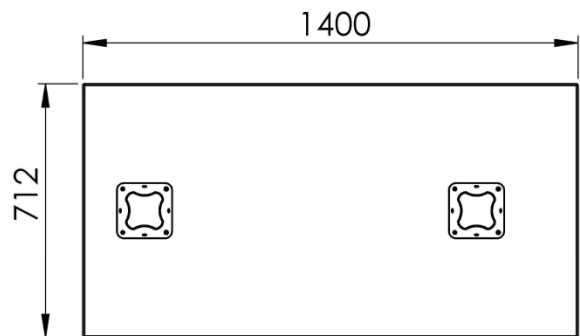
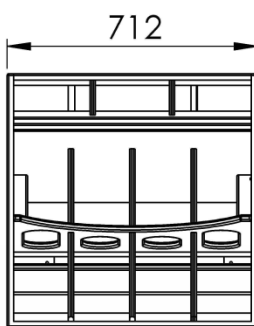
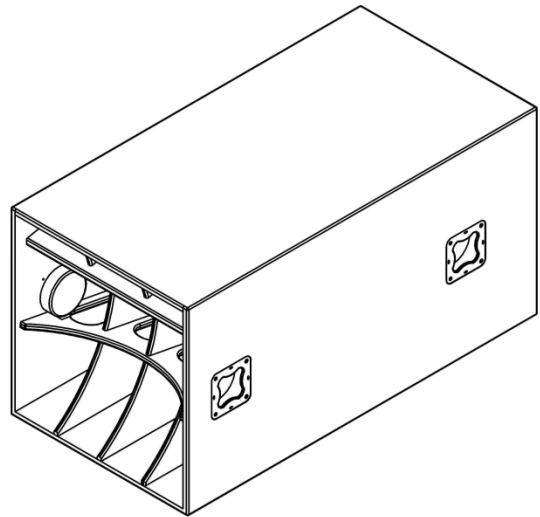
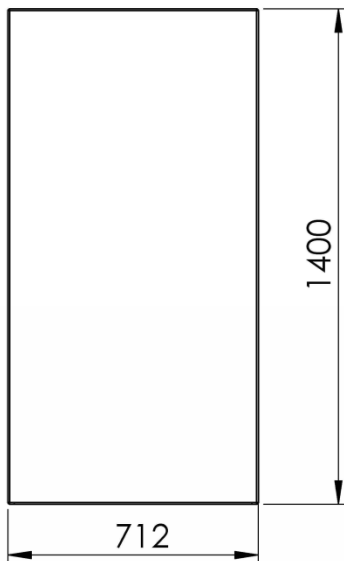
## Frequency response



Max SPL\_2000Wrms each Box @1M ½ space



## Dimensions



- All dimensions are in mm