



Description

- 2000 Watt Rms
- Four 1" neodymium drivers
- Two 8" mid range drivers
- Two 10" ultra low distortion woofers
- 90° horizontal coverage
- Variable curving 0° to 10°
- Outstanding SPL capacity at very low power compression
- Highest output to size ratio
- Highest output to weight ratio
- Superior sound
- The presence of horns leads to an extremely high sound pressure, low distortions and an optimal sound dispersion.

The presence of horns leads to an extremely **high sound pressure, low distortions** and an **optimal sound dispersion**.

In order to achieve a flat wave in the mid-frequency and in the high-frequency spectrum we use **two 8" speakers** and **four 1" drivers**.

The mid and high sections are loaded by a **wave converter** which transforms the spherical waves into cylindrical isophase waves.

In this way the **interference between them is reduced to minimum** and as a result there is maximum concentration in mid- and high-frequency spectrum.

An exceptional **Hi-Fi sound** with **incredible sound pressure** and **phase characteristics** is achieved.

In combination with **HL 118 BR, RLH 118 SX** or **HL 121**, the system is a perfect choice for sports halls and stadiums.

LOUDSPEAKER

Subsystem:	
<i>Transducer</i>	<i>Loading</i>
LF – 2 x 10-in cone /3" Voice Coil/	Horn-loaded
MF – 2 x 8-in cone /2" Voice Coil/	Loaded by a wave converter which transforms the spherical waves into cylindrical isophase waves
HF – 4 x 1-in compression driver /44.4 mm Sandwich in- and outside Voice Coil/	Loaded by a wave converter which transforms the spherical waves into cylindrical isophase waves

Operating Mode: Active

<i>Amplifier Channels</i>	<i>External Signal Processing</i>
Three-amp LF, MF and HF	DSP /3 - way filters/

PERFORMANCE

Operating Range	90 Hz – 21 kHz (- 3 dB)
Nominal Beamwidth (H/V)	90° x 10°

Power handling AES

LF – 132.6 Vrms (90 Hz – 300 Hz)	1100 W @ 16 Ω
MF – 97.7 Vrms (350 Hz – 1800 Hz)	600 W @ 16 Ω
HF – 71.5 Vrms (2 kHz – 18 kHz)	320 W @ 8 Ω

Axial Sensitivity (@4V/16Ω/1m)

LF – 104 dB	250 Hz to 350 Hz
MF – 109 dB	900 Hz to 1100 Hz
HF – 114 dB	2 kHz to 4 kHz

Input Impedance

<i>Nominal</i>
LF – 16 Ω
MF – 16 Ω
HF – 16 Ω

High Pass Filter (Active Mode)

LF – High Pass => 90 Hz, 36 dB /octave Butterworth/
MF – High Pass => 300 Hz, 36 dB /octave Butterworth/
HF – High Pass => 1800 Hz, 36 dB /octave Butterworth/

Axial Output SPL @ 1m

<i>Average</i>	<i>Peak</i>
LF – 134 dB	140 dB
MF – 136 dB	144 dB
HF – 138 dB	146 dB

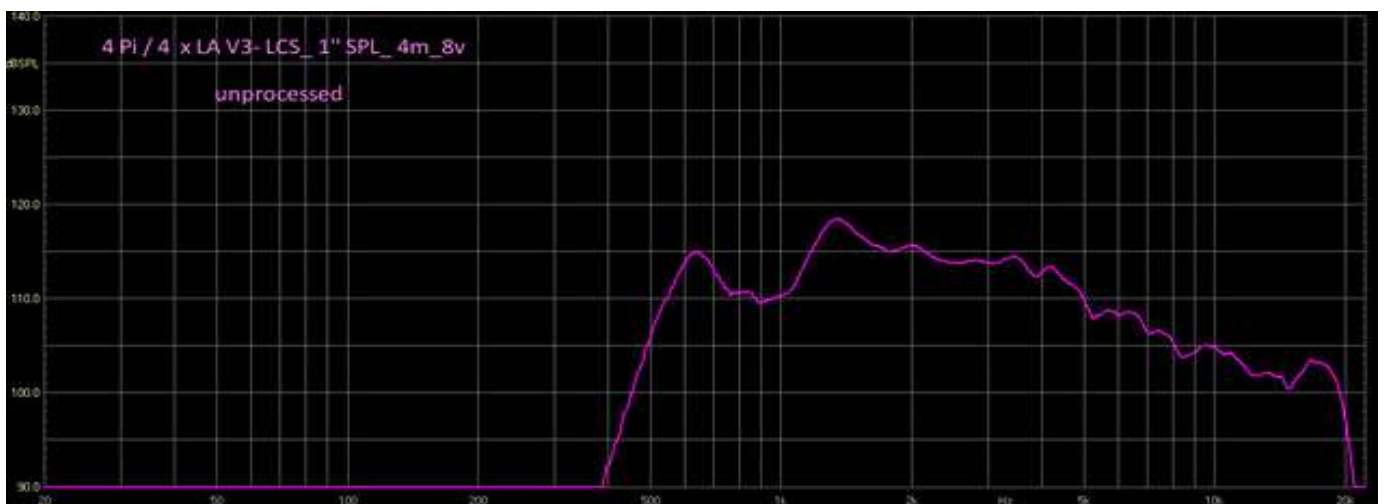
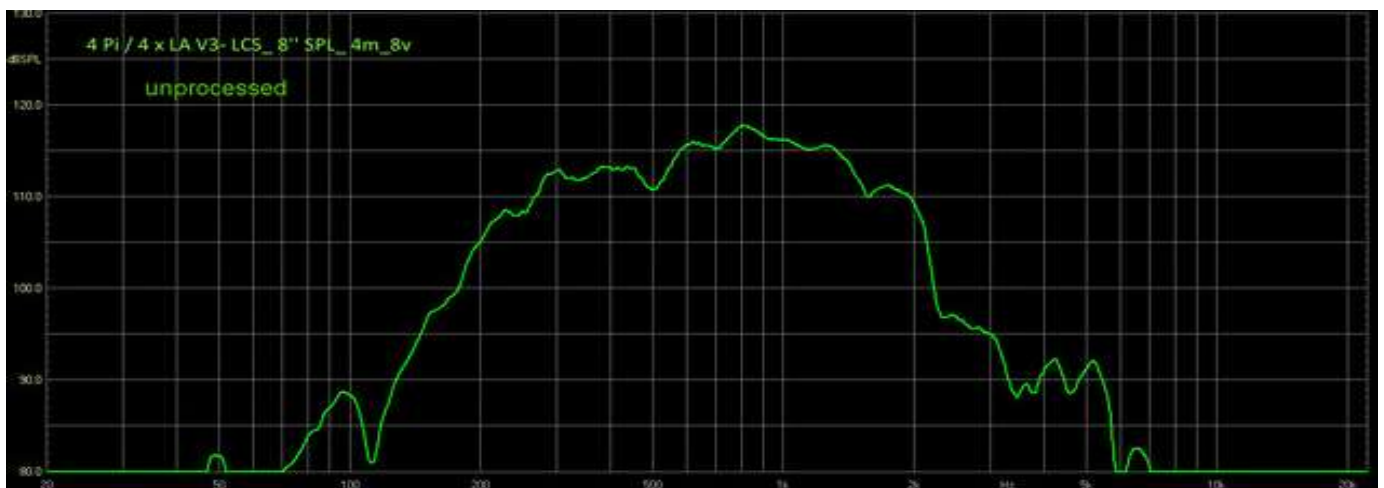
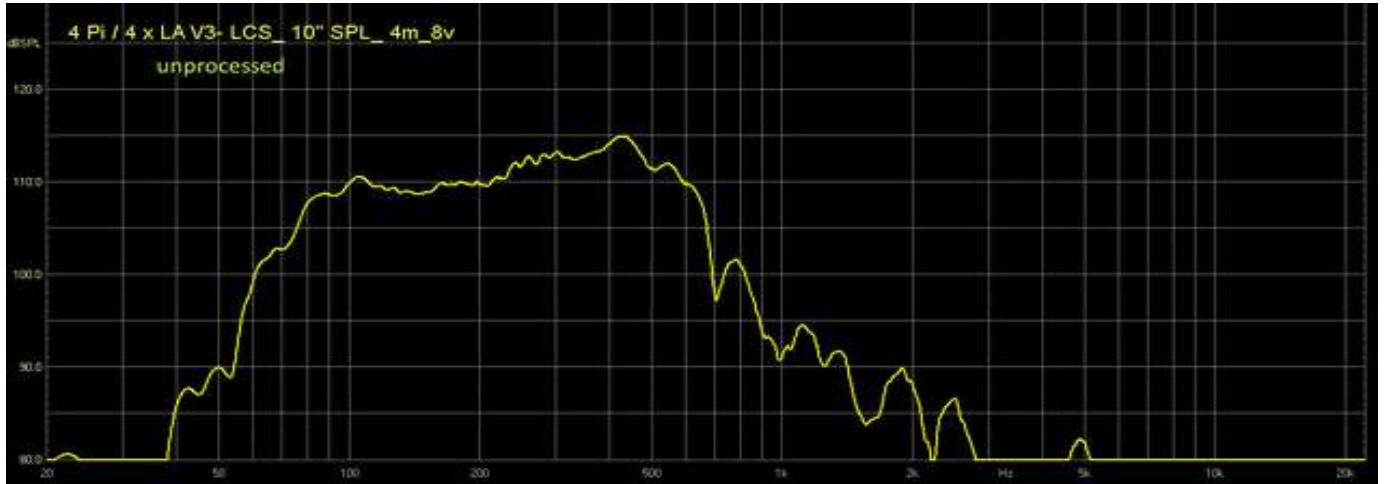
PHYSICAL

Dimensions (incl. hardware): 1412 x 670 x 478 mm (W x L x H)
Net Weight: 104 kg

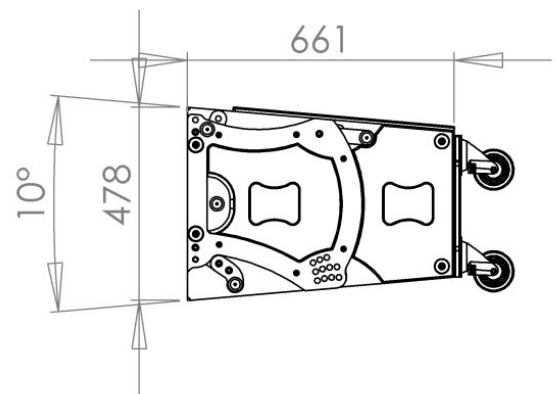
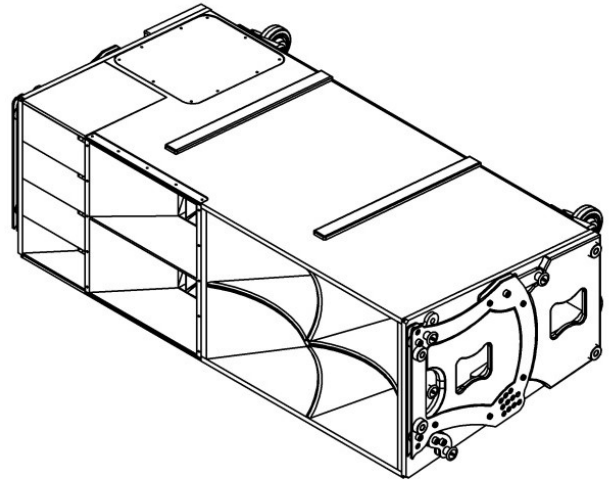
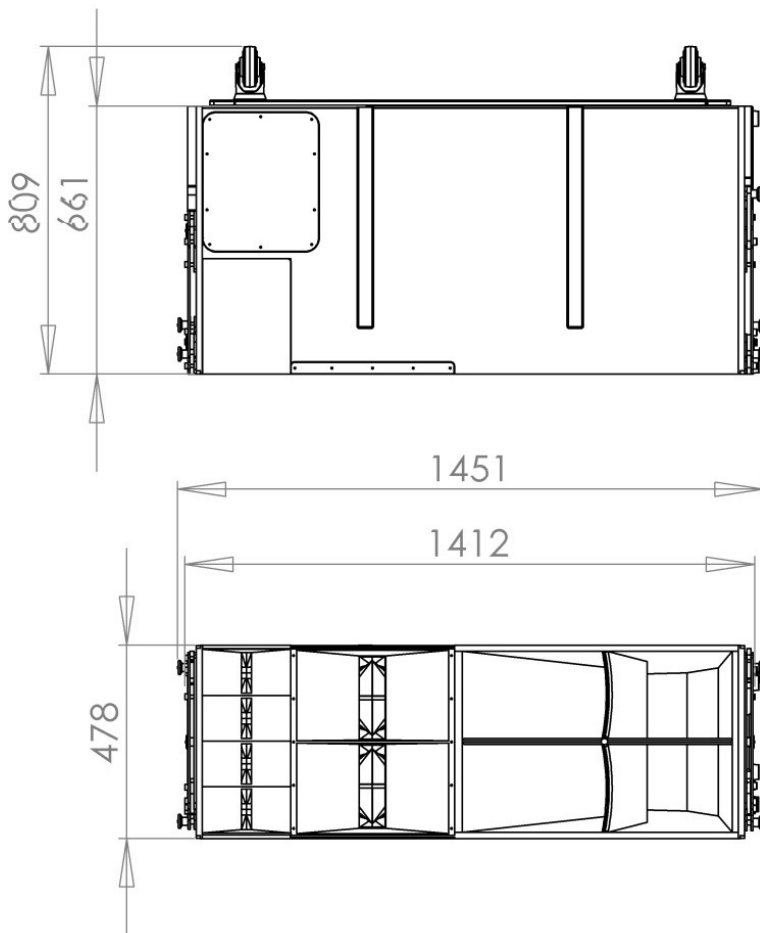
ORDERING DATA

<i>Description</i>
LA V3-LCS
<i>Optional Accessories</i>
1 x Cover
8 x Ball Lock Pins

Frequency Response Graphs of 4 x LA V3-LCS



Dimensions



• All dimensions are in mm