



Description

- Triaxial horn loaded concert system
- 3-way on-axis horn loaded point source loudspeaker system
- Revolutionary 2" Coaxial Compression Driver
- Precise directivity
- Very high SPL (144 dB peak)

LOUDSPEAKER

Subsystem:

<i>Transducer</i>	<i>Loading</i>
LF – 2 x 12-in cone /4" Voice Coil/	Horn-loaded
HF – 1 x 2-in exit coaxial compression driver, MH/HF - 3.5"/1.75" voice coils	Horn-loaded

Operating Mode:

<i>Amplifier Channels</i>	<i>External Signal Processing</i>
Two-amp LF, MF and HF - active mode	DSP /2-way filters/
Single-amp LF/HF - passive mode	High pass filter

PERFORMANCE

Operating Range	180 Hz - 21 kHz (- 3 dB)
Nominal Beamwidth (H/V)	60° x 40°

Power handling AES

LF – 69 Vrms (150 Hz – 800 Hz)	1200 W @ 4 Ω
HF – 34 Vrms (1 kHz – 18 kHz)	150 W @ 8 Ω

Axial Sensitivity

LF – 108 dB	180 Hz to 800 Hz (2.00V@1m)
HF – 112 dB	900 Hz to 20 kHz (2.83V@1m)

Input Impedance

<i>Nominal</i>	<i>Minimum</i>
LF – 4 Ω	4,5 Ω @ 450 Hz
HF – 8 Ω	4,5 Ω @ 15 kHz

High Pass Filter

LF – High Pass => 180 Hz, 24 dB /octave Butterworth/ (active and passive mode)
HF – High Pass => 800 Hz, 24 dB /octave Butterworth/ (active mode only)

Axial Output SPL @ 1m

<i>Average</i>	<i>Peak</i>
LF – 138 dB	144 dB
HF – 133 dB	139 dB

PHYSICAL

Dimensions: 560 x 660 x 950 mm (W x L x H)
Net Weight: 85 kg

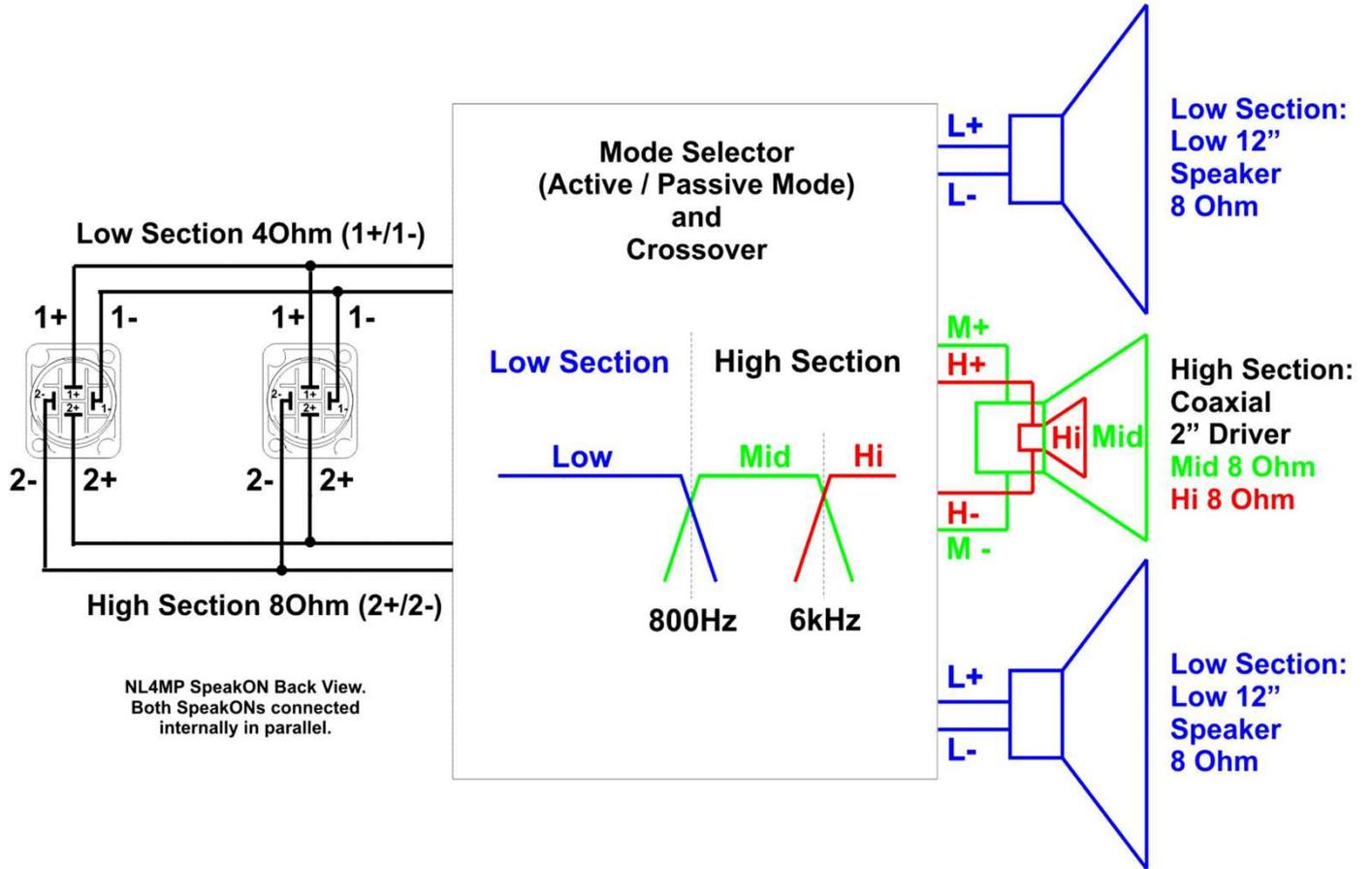
ORDERING DATA

Description
HL 212 H2

Optional Accessories

4 x Halogen Lamps Osram 64432 / 12V 35W G6,3
--

Internal Electrical Diagram



Dimensions

