

# **Specifications**

PS8 Loudspeaker Specifications		
Product Features		
Components	LF 1 x 8" (20 cm) Neodymium 8Ω driver HF 1 x 1" Neodymium throat driver + Low Distortion, Constant Directivity Asymmetrical Dispersion Horn.	
Height x Width x Depth	406mm x 250mm x 219 mm (16" x 9 7/8" x 5 5/8")	
Weight	7.5 kg (16.5 lbs)	
Connectors	2 x NL4MP Speakon 4 pole	
Construction	Baltic Birch Ply finished with textured black coating	
Fittings Stand fittings	Moulded Dark Grey Metal Grill Flying Points & Fixed Installation Threaded inserts are fitted as standard to all cabinet surfaces for connection of mounting accessories Built-in Stand Fitting, (35mm / 1 3/8")	
System Specifications PS8 with NEXO Controller		
Frequency Response [a] Usable Range @-6dB [a] Sensitivity 1W @ 1m [b]	69 Hz - 19 kHz ±3dB 62 Hz – 20 kHz 96 dB SPL Nominal - 94 dB SPL Wideband	
Nominal Peak SPL@1m [b] HF Dispersion [c]	122 to 125dB Peak 50° to 100° Hor. x 55° Vert. Rotatable Horn, 4 positions	
Directivity	Q: 10 Nominal DI: 10 dB	

Nominal (f > 1.8 kHz)

2.5 kHz Passive

200 to 500 W / 8Ω

Product Features	
Components	1 x 10" (25cm) Neodymium 8Ω driver HF 1 x 1" throat driver + Low Distortion Constant Directivity Asymmetrical Dispersion Horn.
Height x Width x Depth	515mm x 316mm x 277 mm (20.28" x 12.44" x 10.91")
Weight	14 kg (31 lbs)
Connectors	2 x NL4MP Speakon 4 pole
Construction Baltic	Baltic Birch Ply finished with textured black coating
Fittings	2 Metal recessed pockets
Front finish	Moulded Dark Grey Metal Grill
Flying Points	One plate connecting with external accessories
Stand fittings	Built in Steel Stand Fitting, (35mm 1 3/8")
System Specifications PS10	0-R2 with NEXO Controller
Frequency Response [a]	65 Hz - 20 kHz ±3dB
Usable Range @-6dB [a]	58 Hz - 21 kHz
Sensitivity 1W @ 1m [b]	99 dB SPL Nominal – 97 dB SPL Wideband
Nominal Peak SPL @ 1m [b]	129 to 132 dB Peak
HF Dispersion [c]	50° to 100° Hor. x 55° Vert.
Rotatable	Horn, 4 positions
Directivity Q & DI [c]	Q:16 Nominal DI:12 dB Nominal (f > 3 kHz)
Crossover Frequencies	2 kHz Passive
	8Q.
Nominal Impedance	022

### PS15-R2 Loudspeaker Specifications LF 1 x 15" (38 cm) long excursion Components Neodymium 8Ω driver HF 1 x 2" throat, 3" Titanium diaphragm, driver + Low Distortion, Constant Directivity Asymmetrical Dispersion Horn. Height x Width x Depth 675mm x 434mm x 368 mm (26.57" x 17.08" x 14.48") Weight 28 kg (62 lbs.) 2 x NL4MP Speakon 4 pole (switch Speakon Connectors passive to active inside). Construction Baltic Birch Ply finished with textured black coating Handles 4 Metal recessed pockets Front finish Moulded Dark Grey Metal Grill Flying Points Two plate connecting with external accessories Stand fittings Built in Steel Stand Fitting, (35mm System Specifications PS15-R2 with NEXO Controller Frequency Response [a] 50~Hz - 18~kHz $\pm 3~dB$ Usable Range @-6dB [a] 47 Hz - 18 kHz 102 dB SPL Nominal Sensitivity 1W @ 1m [b] 99 dB SPI Widehand Nominal Peak SPL @ 1m [b] 133 to 136 dB Peak HF Dispersion [c] 50° to 100° Hor. x 55° Vert. Horn - 4 positions Directivity Q & DI [c] Q: 16 Nominal DI: 12 dB Nominal (f > 1.5 kHz)1.1 kHz Passive or Active (internally Crossover Frequencies switchable) Nominal Impedance Passive : $8\Omega$ or Active : LF : $8\Omega$ & $\mbox{HF}: 16\Omega$ Important: Active Mode only available on NXAMP Passive: 1000 to 2000 W / $8\Omega$ Active: (LF) 1000 to 2000 W / $8\Omega$ -Recommended Amplifiers (HF) 250 to 500 W / 16Ω Important: Active Mode only available on NXAMP

Product Features

Height x Width x Depth

Frequency Response [a]

Usable Range @-6dB [a]

Sensitivity 1W @ 1m [b]

Crossover Frequencies

Nominal Peak SPL @ 1m [b] 128 to 131 dB Peak

19.5 kg (43 lbs)

black coating

99 dB SPL Nominal

Components

Weight

Fittings

Connectors

Construction

Stand fittings

### LS400 Sub-Bass Specifications LS600 Sub-Bass Specifications 1 x 12" (30cm) long excursion 1 x 15" (38cm) long excursion Components Neodymium 8Ω driver 435mm x 688mm x 528 mm 6Ω Neodynium driver 338mm x 500mm x 406mm Height x Width x Depth (13 1/4" x 19 5/8'" x 16") (17.12" x 27.09" x 20.79") Weight 30 kg (66 Lbs) 2 x NL4MP Speakon 4 pole 2 x NL4MP Speakon 4 pole Connectors Baltic Birch Ply & textured Baltic Birch Ply & textured Construction Handles 2 Metal recessed pockets Handles 2 Metal recessed pockets Internal Stand Fitting on Top (35mm Flying Points One plate connecting with external /1 3/8") allows pole mounting accessories Stand fittings Internal Steel Stand Fitting on Top System Specifications LS400 with NEXO Controller (35mm, 1 3/8") allows pole mounting 43 Hz - 120 Hz ±3dB System Specifications LS600 with NEXO Controller 40 Hz - 110 Hz ±3dB Frequency Response [a] Usable Range @-6dB [a] 38Hz - 120 Hz 40-85, 40-120 or 60-120 Hz Sensitivity 1W @ 1m [b] 101 dB SPL Nominal Nominal Impedance $6\Omega$ Recommended Amplifiers 300 to 700 Watts / $4\Omega$ Nominal Peak SPL @ 1m [b] 135 to 138 dB Peak Crossover Frequencies 40-85, 40-120 or 60-120 Hz Nominal Impedance Recommended Amplifiers 700 to 1400 Watts / $8\Omega$

Fittings custom paint finishes Fittings 4 metal recessed pockets (2 per si Front finish Moulded Dark Grey Metal Grill Flying Points Two side plates connecting with external accessories Stand fittings Internal Steel Stand Fitting on Top	Execution   SΩ driver	Product Features	
Velight   Speakon Connectors   2 x NL4MP Speakon 4 pole	Weight   (20.1" x 26.1" x 30.5")	Components	
Weight Speakon Connectors Construction Speakon Connectors Speakon Connectors Construction Speakon Connectors Speakon C	Weight Speakon Connectors Construction Speakon Connectors Construction Saltic Birch Ply & textured black coating. Also available in white and custom paint finishes 4 metal recessed pockets (2 per side Moulded Dark Grey Metal Grill Flying Points Two side plates connecting with external accessories Internal Steel Stand Fitting on Top (35mm, 1 3/8") allows pole mountin  System Specifications LS18 with NEXO Controller  Frequency Response [a] Usable Range @-6dB [a] Sensitivity 1W @ 1m [b] Nominal Peak SPL @ 1m [b] 177 to 140 dB Peak Crossover Frequencies Nominal Impedance	Height x Width x Depth	
Construction  Baltic Birch Ply & textured black coating. Also available in white and custom paint finishes Fittings  Front finish Flying Points  Stand fittings  Stand fitting on Top  (35mm, 1 3/8") allows pole mount  System Specifications LS18 with NEXO Controller  Frequency Response [a]  Stand fitting  Spall stand Fitting on Top  (35mm, 1 3/8") allows pole mount  System Specifications LS18 with NEXO Controller  Frequency Response [a]  Stand fitting  Stand fitting  Spall stand Fitting on Top  (35mm, 1 3/8") allows pole mount  System Specifications LS18 with NEXO Controller  Frequency Response [a]  Stand fitting  Stand fitting  Tow old SPL  Stand Fitting  Spall s	Construction  Baltic Birch Ply & textured black coating. Also available in white and custom paint finishes  4 metal recessed pockets (2 per sid front finish  Flying Points  Stand fittings  Stand fitting on Top (35mm, 1 3/8") allows pole mountin  System Specifications LS18 with NEXO Controller  Frequency Response [a]  Usable Range @-6dB [a]  Sensitivity 1W @ 1m [b]  Nominal Peak SPL @ 1m [b]  107 dB SPL Nominal  Nominal Impedance  SQ  SO  STAND TO HE ADARD TO HE ADA	Weight	
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Flying Points  Stand fittings  Two side plates connecting with external accessories Internal Steel Stand Fitting on Top (35mm, 1 3/8") allows pole mount  System Specifications LS18 with NEXO Controller  Frequency Response [a]  Usable Range @-6dB [a]  Sensitivity 1W @ 1m [b]  Nominal Peak SPL @ 1m [b]  107 dB SPL Nominal  Nominal Peak SPL @ 1m [b]  107 to 140 dB Peak  Crossover Frequencies  Nominal Impedance	Flying Points  Stand fittings  Stand fittings  Two side plates connecting with external accessories Internal Steel Stand Fitting on Top (35mm, 1 3/8") allows pole mountin  System Specifications LS18 with NEXO Controller  Frequency Response [a]  Usable Range @-6dB [a]  Sensitivity 1W @ 1m [b]  Nominal Peak SPL @ 1m [b]  107 dB SPL Nominal  Nominal Impedance  35-85 or 35-120 Hz		4 metal recessed pockets (2 per side
external accessories Internal Steel Stand Fitting on Top (35mm, 1 3/8") allows pole mount  System Specifications LS18 with NEXO Controller  Frequency Response [a] Usable Range @-6dB [b] Usable Range @-6dB [a] Sensitivity 1W @ 1m [b] 107 dB SPL Nominal Nominal Peak SPL @ 1m [b] 137 to 140 dB Peak Crossover Frequencies Nominal Impedance 8Ω	external accessories Internal Steel Stand Fitting on Top (35mm, 1 3/8") allows pole mountin System Specifications LS18 with NEXO Controller  Frequency Response [a] 35 Hz - 120 Hz ±3dB  Usable Range @-6dB [a] 32Hz - 130 Hz  Sensitivity 1W @ 1m [b] 107 dB SPL Nominal Nominal Peak SPL @ 1m [b] 137 to 140 dB Peak  Crossover Frequencies Nominal Impedance 8Ω		
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Usable Ránge @-6dB [a] 32Hz - 130 Hz Senstitily 1W @ 1m [b] 107 dB SPL Nominal Nominal Peak SPL @ 1m [b] 137 to 140 dB Peak Crossover Frequencies 35-85 or 35-120 Hz Nominal Impedance 8Ω	Usable Ránge @-6dB [á]       32Hz - 130 Hz         Sensitivity 1W @ 1m [b]       107 dB SPL Nominal         Nominal Peak SPL @ 1m [b]       137 to 140 dB Peak         Crossover Frequencies       35-85 or 35-120 Hz         Nominal Impedance       8Ω	System Specifications LS18	with NEXO Controller
		Usable Ránge @-6dB [á] Sensitivity 1 W @ 1 m [b] Nominal Peak SPL @ 1 m [b] Crossover Frequencies Nominal Impedance	32Hz - 130 Hz 107 dB SPL Nominal 137 to 140 dB Peak 35-85 or 35-120 Hz 8Ω

## Sample Systems

Crossover Frequencies

Nominal Impedance Recommended Amplifiers







