



Wall Speakers that deliver a Totally Superior Performance Wall speakers that disappear or add to room style

Six loudspeakers, designed to deliver the high quality performance commensurate with a NaimNet whole-home multi-room system. Three models for in-wall and three for on-wall use.



NaimNet custom install loudspeakers deliver true high performance without introducing compromise compared to free-standing alternatives. Designed from the outset as true Hi-Fi loudspeakers, their thrilling and dynamic performance is equally applicable to music, cinema or speech.

They are ideally suited to areas where sound quality is critical and deliver their best performance driven by NaimNet room amplifiers. Crisp styling and significant industrial design ensure that the speakers can effectively disappear while delivering a totally superior performance.

The NNLS loudspeakers are of heavy and solid construction, as one would expect of a NaimNet design. Cabinets are of solid substantial routed HDRB with solid aluminium baffles for the NNLS02 and NNLS03 models. High performance drive units utilising the latest materials technology are responsible for the impressive audio performance. The long-throw bass units with pressure-cast aluminium-alloy baskets deliver high power handling and realistic sound pressure levels. The mid and high frequency units employ similarly advanced technology and have high power handling for performance and reliability.

The in-wall models require a maximum of 90mm depth so that they will mount into any standard inner or outer stud wall, including standard European metal framed stud wall systems. The cabinets mount into a simple rectangular cut-out with solid aluminium mounting toggles to ensure a rigid vibration free mounting into materials from 10 to 40mm thickness. Substantial terminals allowing bare wire or spade connectors are recessed. This together with wire channels in the cabinet back allow cable routing without increasing effective cabinet depth.

The on-wall models simply mount with either 2 or 4 point wall fixings – channels in the cabinet back make invisible routing of the cables very easy.

NNLS02 and NNLS03 designs include a pair of mid-range units configured to reduce side radiation, thereby reducing reflections from adjacent walls – the controlled directivity making them ideal as front left, right or centre channels as they are less affected by room acoustics and will produce a sharper more solid stereo image.

The wider dispersion of the NNLS01 makes it suitable for softer furnished rooms, surround channels or areas where sound is required across a wider area.

Designed from the outset to deliver realistic, accurate and enjoyable music, movies and speech reproduction these speakers are not poor substitutes for free-space designs. Speech especially is a major failing of most in- or on-wall loudspeakers. BBC Radio Four should sound like Radio Four not as if every presenter has a heavy cold.

The cabinets are closed-back reflex-aligned to ensure the maximum performance in every mounting position. The port flow is carefully optimised and laminar flowed is achieved using a selected felt lining to the slotted port.

The HDRB cabinets may be sprayed or hand painted to any colour to match a client's décor. In addition, the grilles can be painted or printed with a design to suit their environment. Image artwork can be uploaded via a secure page on the NaimNet website. NaimNet Custom ArtPrint grilles are also available separately to enable the client to change the look and feel of the room at will.

NNLS Wall Speaker Specifications

Specifications	NNLS01-IW	NNLS02-IW	NNLS03-IW	NNLS01-OW	NNLS02-OW	NNLS03- OW
Mounting	In-Wall	In-Wall	In-Wall	On-Wall	On-Wall	On-Wall
Bass Unit	Glass/carbon fibre	Polypropylene sandwich	Polypropylene sandwich	Glass/carbon fibre	Polypropylene sandwich	Polypropylene sandwich
Horizontal Directivity control		Yes	Yes		Yes	Yes
HF Unit	Silk dome	DM Silk dome	AMT	Silk dome	DM Silk dome	AMT
Cabinet Volume (l)	3	3	3	3	3	3
Bass Loading	Low distortion felt lined, slotted	Low distortion felt lined, slotted	Low distortion felt lined, slotted	Low distortion felt lined, slotted	Low distortion felt lined, slotted	Low distortion felt lined, slotted
Cabinet Material	HDRB	HDRB	HDRB	HDRB	HDRB	HDRB
Baffle Material	HDRB	Aluminium	Aluminium	HDRB	Aluminium	Aluminium
Frequency range – 6 dB	58-22kHz	54-26kHz	54-52kHz	58-22kHz	54-26kHz	54-52kHz
Sensitivity (dB)	87	88	88	87	88	88
Nominal Impedance (Ohms)	4	5	5	4	5	5
Power handling	120W	150W	180W	120W	150W	180W
Dimensions (HxWxD) cm	43x23x8.9	43x23x8.9	43x23x8.9	43x23x8.9	43x23x8.9	43x23x8.9
Wall Cut out required (HxW) cm	40.5x20.5	40.5x20.5	40.5x20.5	_____	_____	_____
Minimum Depth required (mm)	90	90	90	_____	_____	_____
Weight Kg	11.2	12.3	12.1	11.2	12.3	12.1



All information provided relating to specification is subject to change. Please confirm this before entering into binding contracts.

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