

Q-SYS NL-SB42

KEY FEATURES

- 3.5-inch woofer + 0.75-inch tweeter
- Two-way design provides wider off-axis response and is optimized to better handle program content (in addition to voice content)
- Powered over Ethernet enables power, data and control over a single cable
- Programmable light bar (within Q-SYS Designer Software)
- Consistent tonal characteristics across the entire NL Series family let you mix and match enclosure types
- Ideal for speech and music applications
- Simple drag-and-drop integration and comprehensive management via Q-SYS Designer Software and Q-SYS Reflect Enterprise Manager
- Q-SYS automatically delivers custom loudspeaker voicings (Intrinsic Correction™) to simplify the tuning process
- Q-SYS Call Sync compatible, letting you sync status across supported Q-SYS products without complicated programming
- Includes quick-install wall bracket, with 3 cm of fine adjustment (supports vertical and horizontal mounting)
- Optional feet for bookshelf mounting



Q-SYS NL Series NL-SB42

Two-way network soundbar for Q-SYS

The Q-SYS NL-SB42 is a network PoE soundbar that delivers clear speech and music reproduction natively to Q-SYS. It features a two-way design that provides wide off-axis response, and is optimized to better handle program content (in addition to voice content). The Q-SYS NL-SB42 supports vertical or horizontal mounting and can be integrated into your space with a single Ethernet cable to reduce overall hardware footprint and lower system cost. As a native Q-SYS Product, you can take advantage of the drag-and-drop integration and simple control capabilities offered by Q-SYS.

BENEFITS

Two-way PoE network soundbar: The Q-SYS NL-SB42 is a two-way PoE soundbar that features a 4-inch woofer and 0.75-inch tweeter, and supports both horizontal and vertical mounting. The two-way design enables a wide off-axis response, and is primed to better handle program and voice content, making it a great option for any high-value space.

Go Easy: NL Series network loudspeakers are powered-over-Ethernet (PoE), which means native Q-SYS audio data, power and control are delivered over a single cable, rather than relying on a passive loudspeaker/amplifier combination. This greatly simplifies installation and deployment while reducing rack space requirement.

The NL-SB42 also features a quick-install wall bracket that supports vertical or horizontal mounting, and offers 3 cm of fine adjustment to enable easy adjustment of alignment imperfections during installation.

As native Q-SYS products, the NL Series network loudspeakers offer easy drag-and-drop integration within Q-SYS Designer Software. To simplify the tuning process, Q-SYS automatically delivers custom loudspeaker voicings (Intrinsic Correction™) to NL Series loudspeakers. Additionally, NL Series network loudspeakers are the first loudspeakers that can be automatically monitored and managed by Q-SYS Reflect Enterprise Manager every step of the way, from the audio source all the way through the loudspeaker driver.

In Sync with Q-SYS Call Sync: The Q-SYS NL-SB42 network soundbar features a fully configurable LED status indicator. This LED can also be controlled automatically by Q-SYS Call Sync, which syncs onboard controls and LED status indicators on select Q-SYS device (NM-T1 microphone, TSC Series Gen 3 touchscreens & NL-SB42 PoE soundbar) keeping the state of all in-room endpoints in sync. Additionally, Q-SYS Call Sync provides mute sync for UC platforms via the Q-SYS HID controller, as well as ringing and hook state for Q-SYS softphone and POTS controller.

Designed for Q-SYS: Q-SYS NL Series PoE loudspeakers are native to Q-SYS, a cloud-manageable audio, video and control platform, built to deliver scalable, flexible AV solutions into the future. At its foundation, the **Q-SYS OS** serves as the software foundation that manages NL Series loudspeakers along with a multitude of other native **Q-SYS Products** in the platform. Additionally, the modern IT architecture and development tools of the Q-SYS Platform enables an entire Ecosystem of third-party devices developed by approved **Q-SYS Partners**, as well as a worldwide community of Q-SYS developers using the available tools found in **Q-SYS Open**.

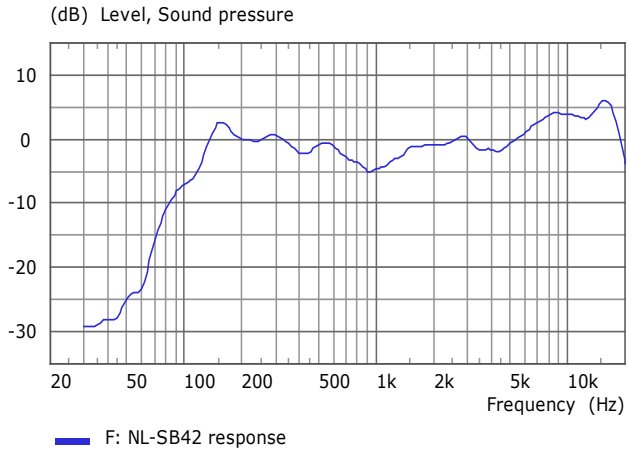
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System Detail

LF transducer	3.5-in (88.9 mm)
HF transducer	0.75-in (19.05 mm)
Effective frequency range	110 Hz - 20 kHz
Rated noise power / voltage	12 W maximum (PoE), 11 W typical 24 W maximum (PoE+), 23 W typical
Rated coverage (-6 dB)	150° horizontal, 160° vertical (1 kHz - 10 kHz)
Directivity factor	2.7
Directivity index	4.2 dB
Maximum continuous SPL	90 dB (PoE), 93 dB (PoE +)
Maximum peak SPL	106 dB (PoE), 107 dB (PoE +)
Digital signal processing	Onboard limiter
Amplifier fault monitoring	Open circuit, short circuit, over temp
Input connector type	RJ45
Power requirements	PoE (Type 1 Class 3) or PoE+ (Type 2 Class 4)
Power consumption	12 W maximum (PoE) 24 W maximum (PoE+)
Enclosure material	ABS
Grille material	Powder-coated steel
Operating temperature range	10° to 40° C (50° to 104° F)
Net weight	3.86 lbs (1.75 kg)
Product dimensions (W x H x D)	20.4 x 3.97 x 2.87 in (518.1 x 101 x 73 mm)
Shipping weight	7.86 lbs (3.57 kg)
Shipping dimensions (W x H x D)	23.8 x 7.4 x 7.36 in (605 x 188 x 187 mm)
Included accessories	Wall-mounting bracket, rubber feet
Safety agency	UL/IEC 62368-1, CE



Impedance / Frequency Response:



Beamwidth:

