Q-SYS PL-LA8
Two-way passive 8-in installation line array

KEY FEATURES

- 8-in LF transducer & HF compression driver in a bass-reflex enclosure

- Weatherized (IP54) ABS enclosure for indoor and protected outdoor environments

- QSC LEAF™ Waveguide provides superior acoustic performance

- Pairing with Q-SYS network amplifiers provides unique system optimization through custom voicings and filter sets

- Black (RAL 9011)

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The Q-SYS PL-LA8 is a two-way, passive installation loudspeaker designed to deliver premium sound for Q-SYS systems in a broader range of entertainment applications. From auditoriums and House of Worship to theatres and music venues, the PL-LA8 offers a high-performance line array ideal for front-of-house in small to medium sized venues. PL Series performance loudspeakers pair a rich legacy of high-performance audio with the power and flexibility of Q-SYS to extend an integrated audio, video and control experience to your Front-of-House applications.

DELIVER THE RIGHT SYSTEM FOR YOUR CUSTOMERS

PL Series loudspeakers provide an abundance of options to ensure the right loudspeaker solution anywhere in the venue that requires higher performance audio.

The PL-LA8 is a two-way line-array featuring an 8-in transducer and high-frequency compression driver in a bass-reflex enclosure that provides a high-performance solution for front-of-house in small to medium sized venues such as auditoriums and concert halls. They feature the QSC Length-Equalized Acoustic Flare™ (QSC LEAF™) waveguide, providing superior acoustic performance through optimized internal sound paths. Combining the PL Series line arrays with Q-SYS network amplifiers also enables advanced system optimization. Any addition to the line array or curvature change will change the tonal response, requiring high, mid, and low frequency balancing that Q-SYS delivers automatically with custom voicings and filter sets to simplify deployment and deliver optimal performance.

All of the PL Series loudspeakers feature a weatherized enclosure (IP54 rating), making them a perfect choice for indoor or protected outdoor applications. Pairing them with the Q-SYS Platform, including Q-SYS processing and network amplifiers extends a number of unique benefits from custom loudspeaker voicings (Intrinsic Correction™) and protection safeguards to advanced telemetry, helping to speed up deployment and deliver a more holistic system operation experience.

FULL CONTROL AND MONITORING FOR ENTERTAINMENT VENUES

The Q-SYS Platform offers a full-featured control engine that lets you deploy the right level of intuitive user control and system visibility for each stakeholder in the venue. Design an advanced system control interface with Q-SYS UCI Editor for the sound operators, containing any combination of gain, preset triggers, status indicators, telemetry data and more. Similarly, enlist Q-SYS Reflect Enterprise Manager to remotely monitor and manage the integrity of your system from anywhere, and even allow an offsite technician to identify and troubleshoot issues from any web browser.

SEAMLESS Q-SYS EXPERIENCE FOR ENTERTAINMENT VENUES AND COMPLEXES

PL Series are part of a comprehensive Q-SYS portfolio that lets you take advantage of industry leading power amplification, flexible AV routing, intuitive control and robust processing capabilities to deliver a singular Q-SYS experience venue-wide. Whether you need foreground reinforcement for your performance area, background music in the lobbies or ancillary areas, collaboration in the meeting rooms, wide area audio distribution or third-party device integration and automation, the Q-SYS Platform ties these pieces to deliver a uniquely tailored experience throughout.

Enclosure configuration	Bass reflex, two-way passive/bi-amp line array loudspeaker
Tranducers	LF: 8 in (200 mm), 2 in (50 mm) voice coil, neodymium magnet HF: Compression driver, 1 in (25 mm) exit, 1.75 in (44 mm) voice coil
Coverage (horizontal x vertical)	100° x 15°
System bandwidth (-10dB with EQ)	61 Hz-20 kHz (no subwoofer)
System sensitivity	101.2 dB @ 1 W/1 m
LF sensitivity	92.7 dB @ 1 W/1 m
HF sensitivity	107.5 dB @ 1 W/1 m
Max SPL (continuous)[1]	126 dB @ 1 W/1 m
System power rating[2]	46 Vrms, continuous 250 W @ 8 Ω, rated power 520 W @ 8 Ω
System impedance	8 Ω
LF impedance (nominal)	8 Ω
HF impedance (nominal)	16 Ω
Connectors	2x Speakon NL4 (cable connector not provided): up to 40 A, locking, 9-16 AWG 1x Euroblock (parallel to Speakon): 32 A, 8-24 AWG, 4 poles
Recommended amplifiers	Q-SYS CX-Q Series network amplifiers - up to four (4) loudspeakers per channel on CX-Q 8K4 - up to two (2) loudspeakers per channel on CX-Q 4K4
Maximum array quantity	Fly up to 12 loudspeakers
Rigging angles	0.5, 1.5, 3, 4.5, 6, 8, 10, 12
Enclosure material	Impact-resistant ABS
Enclosure color	Black (RAL 9011)
Grille thickness	16 Ga, 1.5 mm
Weatherization	IP54 Stainless screws UV and corrosion treated grille Aluminum rigging Hydrophobic stainless steel mesh behind grille Input cup (IP65) sealing with gland
Dimensions (HxWxD)	10.7 x 20.1 x 13.7 in (272 x 512 x 349 mm)
Weight	30 lb (13.5 kg)
Accessories	PL-LA8-AF array frame PL-LA8-PB pull back bar

1. 1 m on-axis in free space; continuous IEC noise 6 dB crest factor into power rating
2. Continuous power: IEC265 noise, 6 dB crest factor, full-band voicing, 2 hours
   Rated power: 12 dB crest factor music signal