

Q-SYS PL-SUB10

Passive installation subwoofer

KEY FEATURES

- 10-in LF transducer in a bass-reflex enclosure
- Weatherized (IP54) wooden enclosure for indoor and protected outdoor environments
- Ground or flown deployment (M10 rigging points)
- Black (RAL 9011)



Q-SYS PL-SUB10

Passive installation subwoofer

The Q-SYS PL-SUB10 is a passive installation subwoofer that features an 10-in transducer in a weatherized (IP54) wooden enclosure. Its compact form factor is suitable for a broad range of applications from entertainment and to corporate auditoriums or higher ed lecture halls. 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. 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.

Q-SYS PL-SUB10

Transducers	LF: 10 in (250 mm), 3 in (76.2 mm) voice coil
Enclosure configuration	Passive subwoofer with bass reflex enclosure
Coverage	Omnidirectional
System bandwidth¹ (-10dB with EQ)	-3 dB: 48 Hz - 94 Hz -6 dB: 44 Hz - 104 Hz -10 dB: 41 Hz - 118 Hz
System sensitivity²	89 dB 1 W/1 m
Max SPL (continuous)³	121 dB
Max SPL (peak)⁴	133 dB
Max SPL (calculated)⁵	122 dB
Power rating⁶	60 Vrms, continuous power 450 W @ 8 Ω, rated power 900 W @ 8 Ω
Nominal impedance	8 Ω
Minimal impedance	6.9 Ω
Enclosure material	Exterior plywood
Enclosure color	Black (RAL 9011)
Grille thickness	16 Ga, 1.5 mm
Connectors	2x Speakon NL4 up to 10 AWG (6 mm ²). 1x Euroblock locking 4 poles (parallel to Speakon): 8 AWG (10 mm ²) The connector is recessed and may be covered by an IP65 sealing plate.
Weatherization	IP54 External plywood Stainless screws Treated grille vs. UV and corrosion Hydrophobic stainless steel mesh behind grille Polyurea Paint Input cup (IP65) sealing with gland
Dimensions (H x W x D)	Net: 11 x 16.7 x 20 in (280 x 425 x 510 mm) Shipping: 12.3 x 19.9 x 23.6 in (311 x 505 x 600 mm)
Weight	Net: 41.8 lbs (19 kg) Shipping: 50.2 lbs (22.8 kg)
Accessories (sold separately)	M10 KIT
Deployment	4x M10 on bottom 4x M10 on side
Recommended amplifiers	Q-SYS CX-Q Series 4ch network amplifiers - up to two (3) loudspeakers per channel on CX-Q 8K4 - up to one (1) loudspeaker per channel on the CX-Q 4K4 - up to one (1) loudspeaker per channel on the CX-Q 2K4

1. Default voicing, no sub high pass, smoothed

2. 1 W/1 m, averaged on 200-10 kHz (system), 200-2 kHz (LF) or 1k-10 kHz(HF)

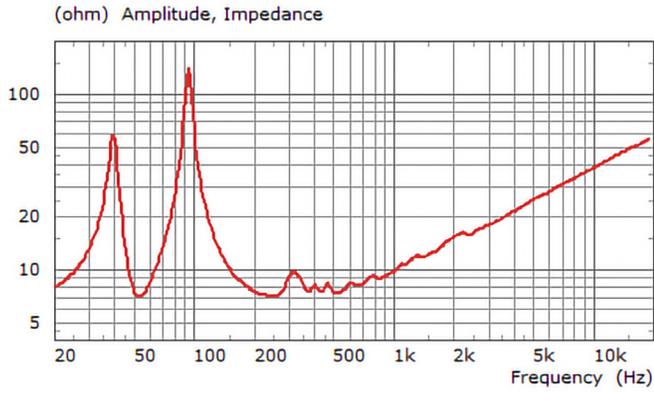
3. Used for simulation. Measured 1m on-axis in free space after 1mn. Pink noise 12 dB crest factor into RMS protection, Z weight, RMS value

4. Same as continuous SPL +12 dB CF

5. Provided for reference with former specs, calculated from continuous noise power and sensitivity +6 dB, default horn

6. Max voltage during 2 h without transducer permanent damage. Protection voltage will be lower.

Impedance



Frequency Response

