

Q-SYS PL-SUB12

Passive installation subwoofer

KEY FEATURES

- 12-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-SUB12

Passive installation subwoofer

The Q-SYS PL-SUB12 is a passive installation subwoofer that features an 12-in driver in a weatherized (IP54) wooden enclosure. Its compact form factor is suitable for a broad range of applications from entertainment and small sporting venues to corporate auditoriums or higher ed lecture halls. The M10 rigging points allow a flown deployment while the complete audio experience of the PL Series loudspeakers are completed by the power and performance delivered by the Q-SYS Platform, including simplified setup and custom voicings, rock-solid power via Q-SYS network amplifiers, advanced telemetry, monitoring and customizable end user control.

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 performance loudspeakers are part of a comprehensive Q-SYS system portfolio that delivers a holistic audio, video and control experience for the entire venue. 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-SUB12

Transducers	LF: 12 in (300 mm), 3 in (76.2 mm) voice coil
Enclosure configuration	Passive subwoofer with bass reflex enclosure
Coverage	Omnidirectional
System bandwidth (-10dB with EQ)	-3 dB: 44 Hz - 93 Hz -6 dB: 41 Hz - 104 Hz -10 dB: 38 Hz - 116 Hz
System sensitivity	92 dB 1 W/1 m
Max SPL (continuous)¹	122 dB
Max SPL (peak)	134 dB
Max SPL (calculated)	125 dB
Power rating	67 Vrms, continuous power 550 W @ 8 Ω, rated power 1100 W @ 8 Ω
Nominal impedance	8 Ω
Minimal impedance	7.6 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: 13 x 20.6 x 24 in (333 x 525 x 610 mm) Shipping: 14.3 x 23.9 x 27.1 in (362 x 607 x 689 mm)
Weight	Net: 53.1 lbs (24.1 kg) Shipping: 63.7 lbs (28.9 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

1. Default voicing, no sub high Pass, smoothed

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

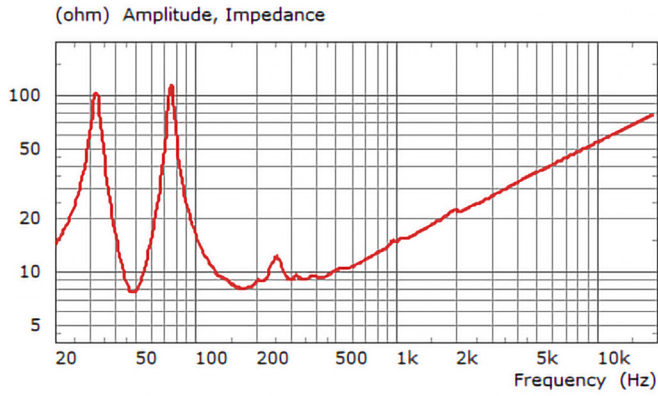
3. Used for simulation. Measured 1m on-axis in free space after 1m. Pink noise 12dB crest factor into RMS protection, Z weight, RMS value.

4. Same as continuous SPL +12dB CF

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

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

Impedance



Frequency Response

