

8-inch subwoofer ceiling mount loudspeaker system.



### Key features

- 8" transducer for extended LOW frequency
- Loudspeaker designed for augment the low frequency response of any IXP ceiling speaker
- 80 W AES @ 8 Ω
- Low-impedance and high-impedance
- Front baffle wattage tap adjustment
- Power selector: 50 / 25W 100 V (12.5W @ 70V) 8 Ω
- Easy install
- Bass ports for extended low frequency
- Front baffle wattage tap adjustment

### Applications

- Corporate training rooms, ballrooms
- Convention centers, exhibit halls, houses of worship
- Malls, airports, nightclubs, bars, restaurants
- Auditorium, museums

## General description & specifications

The IXP-8SUB is an in-ceiling loudspeaker subwoofer with a great sound performance. It features a 8" woofer with 80W AES in a low impedance and it's a loudspeaker designed for extended the low frequency of the IXP ceiling speakers.

It uses a 100V / 70V Line transformer that offers a selection of 50/25W (1.9W @ 70V) delivered to the loudspeaker system using high impedance lines or 8Ω bypass.

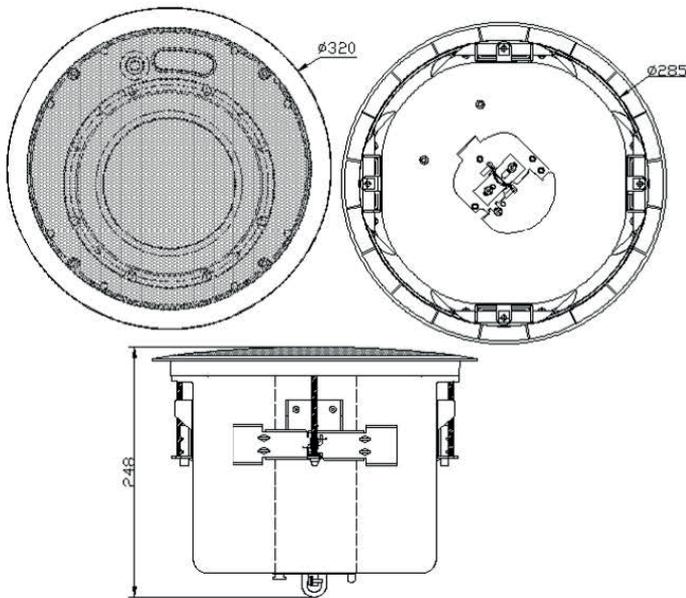
The baffle and bezel are constructed from white ABS, the rear enclosure made in steel with black finish and adds damping material, providing an optimum internal volume for extended low-frequency performance together with the 2 bass ports situated on the front.

A rear cover, with provision for a junction box fitting provides access to a 4 pin terminal euroblock with loop-thru for an easy power connection, also included is a point for safety steel wire and a cable glamp press ensuring the connection.

## Technical Data

Components	8" 200mm polypropylene cone
Frequency range	50 - 200 Hz
Rated power	80W (8 Ω) 320W peak
Transformer Taps	100V 50 / 25 / 12.5 W 70V 50 / 25 / 12.5 / 6.25W Low Impedance 8Ω
Max SPL	8Ω 110 dB / 116 dB 100V / 70V 107 dB / 113 dB
Sensitivity	90 dB 1W / 1m @ Zn average 60Hz to 110Hz
Nominal impedance	8 Ω
Nominal coverage	180°
Recommended signal processing	40 Hz, at 24dB per octave high pass filter
Crossover frequency	180 Hz 12dB / octave
Input connection	4 poles Euroblock connector with loop-thru
Enclosure material	Baffle ABS, backcan steel black finish
Grille	Powder coated steel, white finish, paintable
Controls	Front-face wattage / low impedance selector switch
Mounting / Rigging provisions	2 Rotating Mounting tabs with 4 attachment points
Dimensions H x Diameter	248 mm x 320 mm (9.7 in x 12.5 in)
Cut out size	285 mm (11.2 in)
Net weight	5.62 Kg (12.3 lbs)

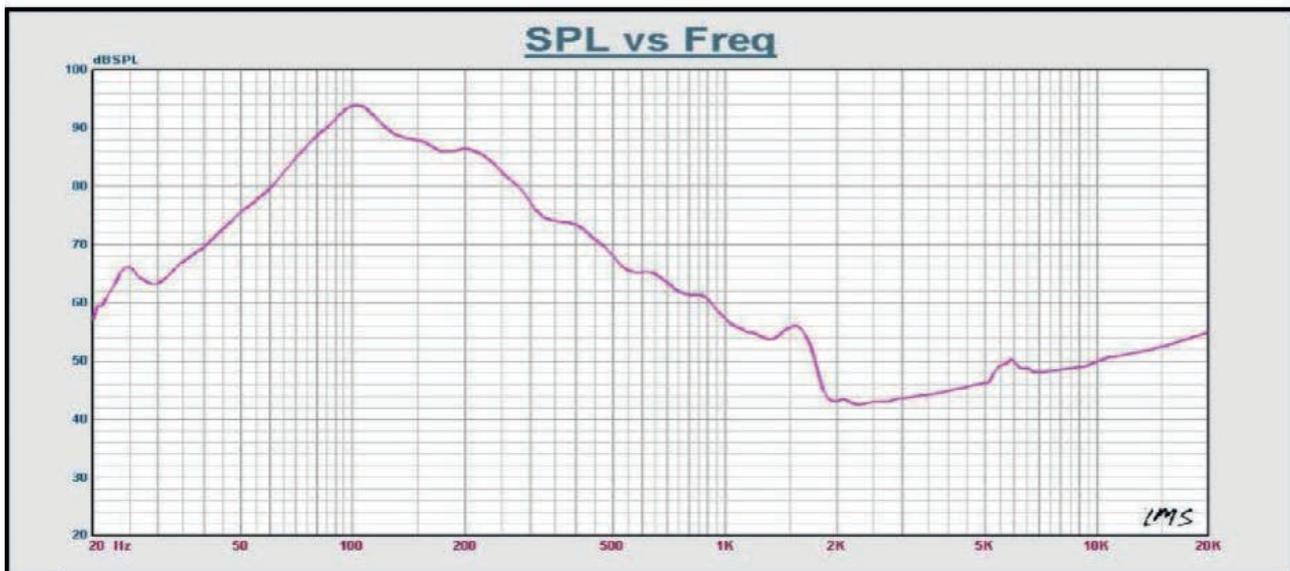
## Dimensional Drawing



Dimensions in millimeters.

## Frequency response

1 / 6 Octave Smoothing, 1w@1m, anechoic chamber, half space



## Architectural specifications

The loudspeaker system shall be subwoofer ceiling loudspeaker system with a 8" low frequency transducer. The loudspeaker baffle/bezel shall be constructed in ABS material with a white and black finish steel backcan.

The system shall have an frequency response of 50 Hz to 200Hz (-10dB) and a nominal low impedance of 8 Ω. The sensitivity shall be 90 dB SPL at 1 meter on axis with 1 watt of pink noise. The loudspeaker system shall have a conical coverage pattern of 180°. The nominal system impedance shall be 8 ohms.

The system shall be equipped with a 50W line transformer used in 70V or 100V with 50W, 25W and 12.5W taps available in 70V distributed systems and 50W and 25W taps available in 100V distributed systems, easily accessible front face tap selector switch located on the front baffle is

concealed by the supplied removable grille, shall be available for selecting wattage and low impedance settings. The power rating shall be 80W AES used in a low impedance 8 Ω.

The loudspeaker shall have a point on the back to place a security cable, the connection system shall be hidden thanks to a protective metal box and shall have a 4-pin euroblock connector including 2 for input and 2 for loop thru.

The loudspeaker installation shall be through 2 rotating Mounting tabs with 4 attachment points. The loudspeaker shall be 320mm (12.5") in diameter and 248 mm (9.7in) deep. Weight shall be 5.6kg (12.3lb).

Lynx Pro Audio reserves the right to make changes or improvements in the design or the manufacturing that may affect these product specifications without notice.