

# In Ceiling Loudspeakers

## PSS5 & PSS5-LP

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### Product Overview:

The 4" **Ceiling Speaker 5 Watt** is available in either standard (**PSS5**) or low profile (**PSS5-LP**) format. The two versions differ in the location of the transformer mount, the transformer being fitted behind the magnet on the PSS5 and beside the magnet on the PSS5-LP.

They are ideal choice for industrial and commercial application such as apartments, hotels, schools, offices and hospitals.

A 100 Vrms line transformer and 22  $\mu$ F DC blocking capacitor are incorporated into the speaker. The 100 Vrms transformer reduces line losses for long line distances and allows easy parallel connection of multiple speakers. The blocking capacitor allows DC monitoring of the speaker circuit.

The speaker body is painted an attractive RAL9016 white colour. The spring clamps ensure simple, but secure installation and easy service access.

The PSS5-LP can be used with the PSS5-LPSME for surface mount applications.

The PSS5 is not compatible with the PSS5-LPSME.



**PSS5**



**PSS5-LP**



**PSS5-LPSME**

### Features:

- ▶ 5 Watt Ceiling Speaker
- ▶ Power taps at: 0.33W, 0.66W, 1.25W, 2.5W & 5W @ 100V
- ▶ PSS5 in ceiling flush-mount loudspeaker
- ▶ PSS5-LP in-ceiling or wall surface-mount loudspeaker
- ▶ PSS5-LPSME enclosure for PSS5-LP surface mounting
- ▶ Quick fit ceiling mounting clamps
- ▶ 22  $\mu$ F bipolar blocking capacitor
- ▶ 100 Vrms transformer with protective cover
- ▶ All metal components include grille & baffle
- ▶ Powder coated in RAL9016 white

### Note:

Not suitable where exposure to moisture, extreme humidity, severe vibration, dust, smoke, static electricity or steam is expected.



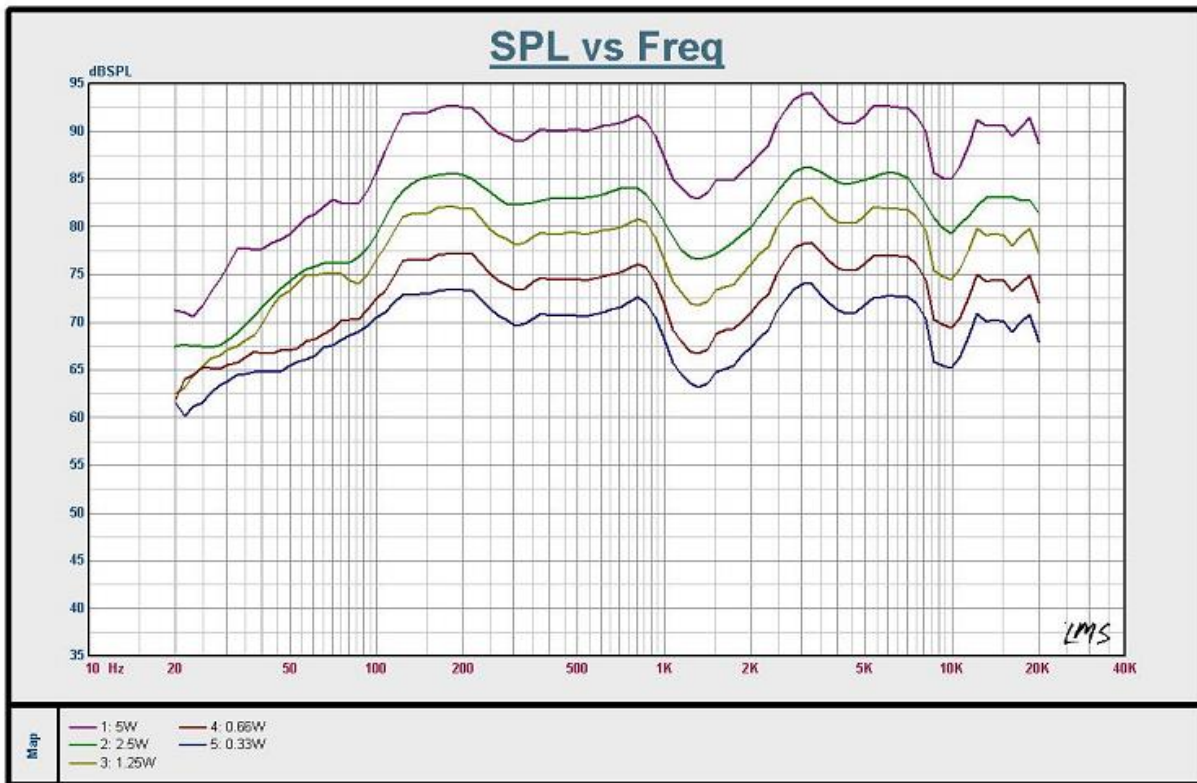
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**Specification:**

Electrical:	Operating Voltage	Maximum Power	Sound Pressure Level (1W @ 1m)	Frequency response
<b>PSS5:</b>	100 Vrms	5 W	92 dB	130 Hz – 16 kHz
<b>PSS5-LP:</b>	100 Vrms	5 W	92 dB	130 Hz – 16 kHz
Mechanical:	Dimensions (Dia x H)	Cut-out Size	Weight	Mounting
<b>PSS5:</b>	180 x 90 mm	155 mm	690 g	Spring- clamp
<b>PSS5-LP:</b>	180 x 75 mm	155 mm	700 g	Spring- clamp
<b>PSS5-LPSME:</b>	230 x 80 mm		235 g	3 x Screws

This datasheet specifies nominal physical dimensions. Actual dimensions may vary slightly.

**Speaker Frequency Response (PSS5 & PSS5-LP):**



**Ordering Information:**

Product Codes	Description
<b>PSS5</b>	4" Ceiling Speaker + Line TX, 0.33/0.66/1.25/2.5W/5W
<b>PSS5-LP</b>	4" Ceiling Speaker + Line TX, Low Profile, 0.33/0.66/1.25/2.5W/5W
<b>PSS5-LPSME</b>	PSS5-LP Speaker Surface Mount Enclosure

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