

In-Ceiling Loudspeakers

PSS3 & PSS3-LP

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Product Overview:

The **Ceiling Speaker 3 Watt** is available in either standard (**PSS3**) or low profile (**PSS3-LP**) format. The two versions differ in the location of the transformer mount, the transformer being fitted behind the magnet on the PSS3 and beside the magnet on the PSS3-LP.

These products are ideal for industrial and commercial applications such as hotels, schools, offices, hospitals and factories.

Each product includes a built-in 100 Vrms line transformer and 22 μ F DC blocking capacitor. 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.

Multiple power tap settings allow for different applications depending on room size and ambient noise conditions.

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

PSS3-LP can be sued with the PSS3-LPSME surface mount enclosure for surface mounting applications.

The PSS3 is not compatible with the PSS3-LPSME.



Features:

- ▶ PSS3 in-ceiling flush-mount type loudspeaker
- ▶ PSS3-LP in-ceiling or wall surface-mount type loudspeaker
- ▶ PSS3-LPSME enclosure for PSS3-LP surface mounting
- ▶ Quick fit ceiling mounting clamps
- ▶ Built-in 100 Vrms transformer with protective cover
- ▶ Includes 22 μ F bipolar blocking capacitor
- ▶ In-ceiling type loudspeaker
- ▶ Power taps at: 0.33W, 0.66W, 1.25W & 3W @ 100 Vrms
- ▶ 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.



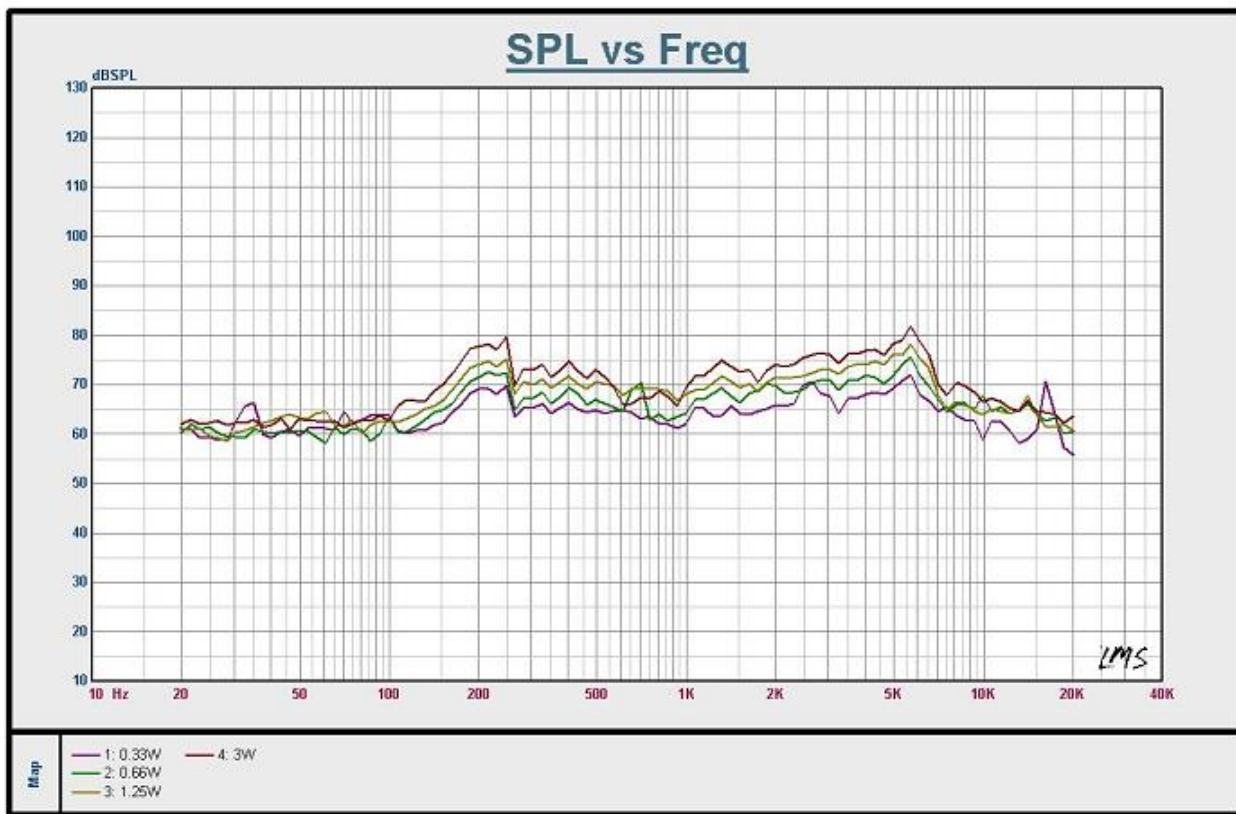
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Specification:

Electrical:	Operating Voltage	Maximum Power	Sound Pressure Level (1W @ 1m)	Frequency response
PSS3:	100 Vrms	3 W	88 dB	100 Hz -16 kHz
PSS3-LP:	100 Vrms	3 W	88 dB	100 Hz -16 kHz
Mechanical:	Dimensions (Dia x H)	Cut-out Size	Weight	Mounting
PSS3:	136 x 100 mm	108 mm	550 g	2 x Spring-clip
PSS3-LP:	136 x 65 mm	108 mm	510 g	2 x Spring-clip
PSS3-LPSME:	165 x 65 mm		120 g	3 x Screws

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

Speaker Frequency Response (PSS3 and PSS3-LP):



Ordering Information:

Product Codes	Description
PSS3	3W Ceiling Speaker + Line TX, 0.33/0.66/1.25/3W
PSS3-LP	3W Ceiling Speaker + Line TX, Low Profile, 0.33/0.66/1.25/3W
PSS3-LPSME	PSS3-LP Speaker Surface Mount Enclosure

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