

PERTRONIC INDUSTRIES LTD

DATASHEET

In-Ceiling Speakers (PSS3 & PSS3-LP)



Overview

The 88mm ceiling speaker 3 Watt is a 100-Volt line speaker emergency warning, voice alarm, and public address systems, available in either standard (PSS3) or low profile (PSS3-LP) format.

The speaker has a quick-fit spring clamp mounting system and easily removed if necessary.

The PSS3 has a wide frequency response suitable for fire evacuation and public address (PA) applications.

To ensure compatibility with commonly-used fire evacuation systems, the speaker incorporates a series blocking capacitor and 100V-Line transformer.

The PSS3 speaker is available in white only (PSS3).

The PSS3-LP low profile speaker is available in white (PSS3-LP), and black (PSS3-LP-BK).

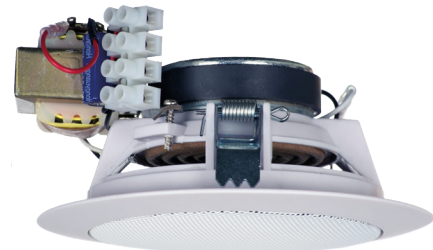
The PSS3-LPSME surface mount enclosure is available in white (PSS3-LPSME), and black (PSS3-LPSME-BK).

With a height of only 65 mm, the PSS3-LP fits tightly-restricted spaces. A surface mount enclosure (PSS3-LPSME) provides additional wall- and ceiling-mount options.

The PSS3 is NOT compatible with the PSS3-LPSME.



PSS3



PSS3-LP



PSS3-LPSME

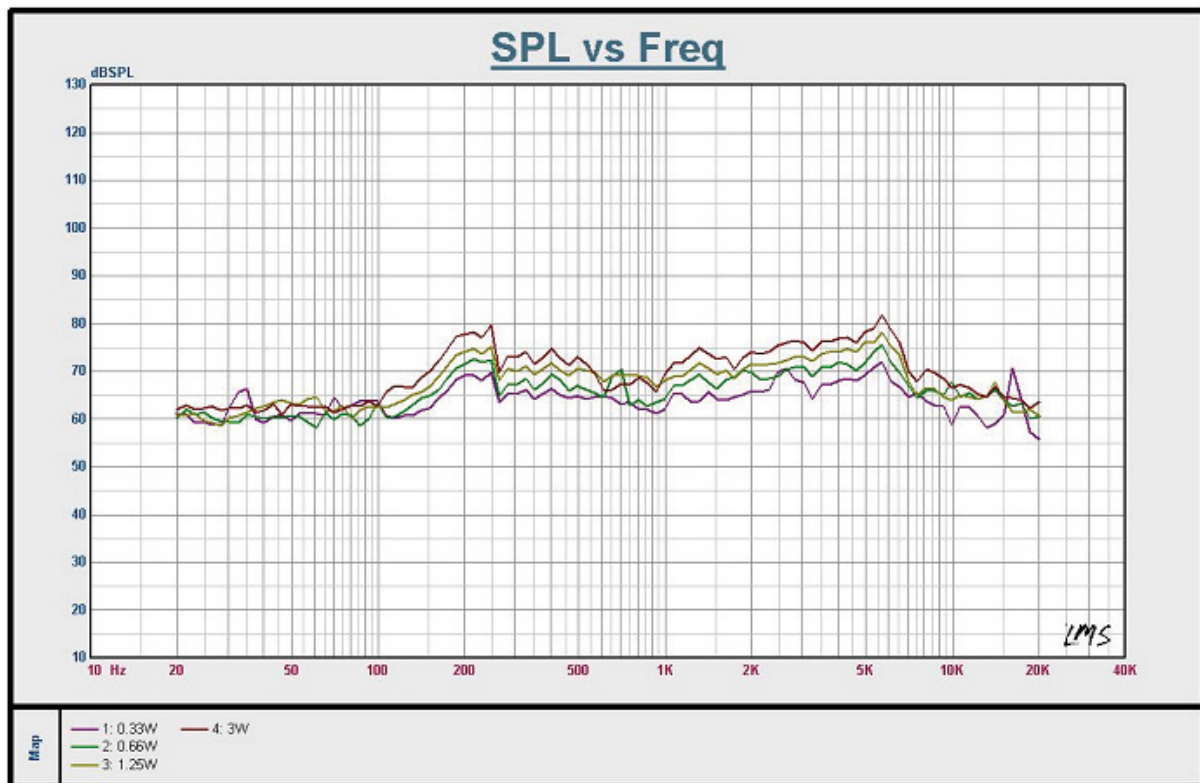
Features

- » PSS3 in-ceiling flush-mount type loudspeaker
- » PSS3-LP in-ceiling or wall surface-mount type loudspeaker
- » Wide frequency response suitable for emergency warning, voice alarm, and public address (PA)
- » Selectable power tapplings: 0.33 W, 0.66 W, 1.25 W, & 3 W
- » Sound pressure, 88 dB SPL at 1 Watt, 1 metre, 1 kHz
- » Fitted with series blocking capacitor and 100 Vrms line transformer
- » Compatible with fault supervision systems on typical fire alarm 100V-Line systems
- » Line In / Line Out termination system
- » Removable quick-fit mounting system
- » The PSS3 speaker is available in white only
- » The PSS3-LP low profile speaker is available in white and black
- » The PSS3-LPSME surface-mount enclosure is available in white and black
- » Fits 108 mm cut-out
- » Metal grille & baffle

Specification

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

Speaker Frequency Response (PSS3 & PSS3-LP)



Ordering Information

Product Code	Description
PSS3	88mm Ceiling Speaker+Line TX, 0.33/0.66/1.25/3W
PSS3-LP	88mm Low Profile Ceiling Speaker+Line TX, 0.33/0.66/1.25/3W, White
PSS3-LPSME	PSS3-LP Speaker Surface Mount Enclosure, White
PSS3-LP-BK	88mm Low Profile Ceiling Speaker+Line TX, 0.33/0.66/1.25/3W, Black
PSS3-LPSME-BK	PSS3-LP-BK Speaker Surface Mount Enclosure, Black

The information in this document must not be treated as partial or complete instructions for the design, construction, installation, commissioning, or maintenance of fire detection, fire alarm, or building evacuation systems. Fire and evacuation systems must be designed and installed by properly qualified persons, in accordance with all regulatory requirements.

Unless explicitly stated otherwise, this document provides typical specifications and nominal dimensions. Actual product performance and dimensions may vary.

All information in this document is subject to change. Please consult Pertronic Industries or visit our web site for up to date information.

PERTRONIC® is a registered trademark of Pertronic Industries Limited.